Yahoo Group Archive:
LDG-auto-tuners (2010 — 2017)

Yahoo Group summary: LDG Auto Antenna Tuners & Accessories

These Yahoo Groups messages were archived in WARC format by ArchiveTeam in 2017. This PDF was generated by Digital Library of Amateur Radio & Communications from the WARC files in 2026.

Date span: 2010-01-02 through 2017-05-12

Source WARC: ldg-auto-tuners.dOrUPyZ.warc.gz

Source item: https://archive.org/details/yahoo-groups-2017-05-14T20-09-04Z-f663cd

Messages included in this PDF: 4238

Message records with no body available in the source archive: 1

Messages omitted as spam from this PDF: 1

Yahoo replaced the domain portions of email addresses with @... in the archived messages. Characters lost in Yahoo's archived text appear as ?.

Messages are presented in ascending Yahoo message-ID order. Gaps indicate records absent from the source WARC or messages omitted from this PDF as spam.

3961. AT-1000 Issues

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-01-02 06:07:31 UTC
From: kc2ftn
Topic: 3961 Message: 3961

Equipment: LDG AT-1000 Autotuner
with v2.5 chip upgrade.

Symptoms: Unit de-tunes during transmit.

To use the tuner, I'll switch the exciter to A.M. and transmit
about 30 watts into the tuner as it's connected to my HF vertical
antenna. I'll then press, hold, and release the "Tune" button initiating a
Full-Tune cycle, which seems to work fine. After a good SWR
match is obtained, I'll simultaniously press the Cap and Ind 'Up'
buttons to store the SWR setting into memory. I'll then switch the
exciter back into the SSB mode and increase it's output to approx.
65 or so watts PEP, which is enought to drive my external amplifier
to about 700 watts output. Then while transmitting, the relays in the tuner
will start to "chatter" and the power output from the amp will slowly fade
down to about 300 or so watts. Also, in order to get the tuner to go into
the "Bypass" mode, I not only have to turn the tuner's power button to "OFF',
but I also have to shut it's power supply off too. Any suggestions?

3962. Re: AT-1000 Issues

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-01-02 20:14:00 UTC
From: Dwayne
Topic: 3961 Message: 3962

Sounds like RF getting into the tuner, the DC line, or the ground.

Standard grounding and RFI procedures would be the first step. Chokes, grounds, isolators and that sort of thing.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "kc2ftn" <kc2ftn@...> wrote:
>
> Equipment: LDG AT-1000 Autotuner
> with v2.5 chip upgrade.
>
> Symptoms: Unit de-tunes during transmit.
>
> To use the tuner, I'll switch the exciter to A.M. and transmit
> about 30 watts into the tuner as it's connected to my HF vertical
> antenna. I'll then press, hold, and release the "Tune" button initiating a
> Full-Tune cycle, which seems to work fine. After a good SWR
> match is obtained, I'll simultaniously press the Cap and Ind 'Up'
> buttons to store the SWR setting into memory. I'll then switch the
> exciter back into the SSB mode and increase it's output to approx.
> 65 or so watts PEP, which is enought to drive my external amplifier
> to about 700 watts output. Then while transmitting, the relays in the tuner
> will start to "chatter" and the power output from the amp will slowly fade
> down to about 300 or so watts. Also, in order to get the tuner to go into
> the "Bypass" mode, I not only have to turn the tuner's power button to "OFF',
> but I also have to shut it's power supply off too. Any suggestions?
>

3963. New to the group & have a n AT-897Plus question

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-01-03 03:18:51 UTC
From: air2dgb
Topic: 3963 Message: 3963

As a new member I would like to thank you in advance. I am also a new owner of a Yaesu FT-897d and an AT-897Plus. After following the instructions and operations my tuner doesn't appear to tune and the LED flashes continuously. I have not found anything in the manual or this groups messages about this condition. Has anyone experienced this or can offer suggestions?
David
KA6UPU

Antenna: G5RV JR

3964. Re: AT-1000 Issues

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-01-03 13:27:54 UTC
From: Howard Z
Topic: 3961 Message: 3964

Hi,

It has been my experience that with most antennas, tuning with an SWR at 10 watts for a perfect SWR does not guarantee a perfect SWR at higher wattage.

One can have a perfect SWR at 10 watts, put your tuner (any model/manufacturer) into manual mode so nothing with change, and then raise the power and find the SWR has now become worse.

In your case, at 65 watts the SWR is now above the SWR threshold of the auto tuner, so it is tuning again.

Unless the LDG AT-1000 owner's manual prohibits it, I suggest you tune at the power level you plan to use - up to 100 watts.

Howard

--- In LDG-auto-tuners@yahoogroups.com, "kc2ftn" <kc2ftn@...> wrote:
>
> Equipment: LDG AT-1000 Autotuner
> with v2.5 chip upgrade.
>
> Symptoms: Unit de-tunes during transmit.
>
> To use the tuner, I'll switch the exciter to A.M. and transmit
> about 30 watts into the tuner as it's connected to my HF vertical
> antenna. I'll then press, hold, and release the "Tune" button initiating a
> Full-Tune cycle, which seems to work fine. After a good SWR
> match is obtained, I'll simultaniously press the Cap and Ind 'Up'
> buttons to store the SWR setting into memory. I'll then switch the
> exciter back into the SSB mode and increase it's output to approx.
> 65 or so watts PEP, which is enought to drive my external amplifier
> to about 700 watts output. Then while transmitting, the relays in the tuner
> will start to "chatter" and the power output from the amp will slowly fade
> down to about 300 or so watts. Also, in order to get the tuner to go into
> the "Bypass" mode, I not only have to turn the tuner's power button to "OFF',
> but I also have to shut it's power supply off too. Any suggestions?
>

3965. Z-100 AND MY FT857D

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-01-04 14:05:08 UTC
From: Patrick
Topic: 3965 Message: 3965

HI Can you help me ? I would like to use my 857D to supply DC to my Z-100 is this possable ?
Is there a cable/lead made to do the job availabe ??

patrick gw1sxn

3966. Re: Z-100 AND MY FT857D

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-01-04 19:00:06 UTC
From: Dwayne
Topic: 3965 Message: 3966

Patrick,

LDG does not have a pre-made cable for extracting DC from Yaesu radios. However, using a mini-Din 8 connector and the pin diagrams of the CAT port in the Yaesu manual, you could easily make your own.

Be very careful doing this. There is a small surface mount fuse that can blow if you short the DC to ground. It is somewhat difficult to replace because of the size.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "Patrick" <pljob@...> wrote:
>
> HI Can you help me ? I would like to use my 857D to supply DC to my Z-100 is this possable ?
> Is there a cable/lead made to do the job availabe ??
>
> patrick gw1sxn
>

3967. RE: [LDG-auto-tuners] Re: Z-100 AND MY FT857D

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-01-05 01:23:27 UTC
From: Patrick O'Brien
Topic: 3965 Message: 3967

Many thanks for the info

> To: LDG-auto-tuners@yahoogroups.com
> From: ldgyahoo@...
> Date: Mon, 4 Jan 2010 19:00:06 +0000
> Subject: [LDG-auto-tuners] Re: Z-100 AND MY FT857D
>
> Patrick,
>
> LDG does not have a pre-made cable for extracting DC from Yaesu radios. However, using a mini-Din 8 connector and the pin diagrams of the CAT port in the Yaesu manual, you could easily make your own.
>
> Be very careful doing this. There is a small surface mount fuse that can blow if you short the DC to ground. It is somewhat difficult to replace because of the size.
>
> Dwayne Kincaid
> LDG
>
> --- In LDG-auto-tuners@yahoogroups.com, "Patrick" <pljob@...> wrote:
> >
> > HI Can you help me ? I would like to use my 857D to supply DC to my Z-100 is this possable ?
> > Is there a cable/lead made to do the job availabe ??
> >
> > patrick gw1sxn
> >
>
>
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> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

_____
Got more than one Hotmail account? Save time by linking them together
http://clk.atdmt.com/UKM/go/186394591/direct/01/

[Non-text portions of this message have been removed]

3968. Software version

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-01-05 21:30:57 UTC
From: Barry
Topic: 3968 Message: 3968

I recently purchased an AT-1000Pro (holiday gift to myself) and the software version is 1.3. Is this the most recent version of the software? It is my understanding that upgrades are purchased by end users as a chip to be installed. If this is not the most recent version when was it the most recent version, what is the most recent version and is it imperative to make the upgrade?

Thanks. Barry N2MAD

3969. Re:Z-100 AND MY FT857D

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-01-05 20:58:53 UTC
From: vk5aj
Topic: 3965 Message: 3969

I use a pair of 9v batteries in series - got about 8 months from the first pair (and they were only cheapies !!)

Regards

Alan VK5AJ

[Non-text portions of this message have been removed]

3970. Re: Software version

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-01-06 13:52:23 UTC
From: nt4om@att.net
Topic: 3968 Message: 3970

Hello Barry,

I am sure your software version is probably up to date. My PRO is version 1.1. I am curious what was improved since then. I wonder if I should update my chip.

Anybody remember when the only way to upgrade a piece of hardware was to buy the complete new product?

Tom - NT4OM
"Never Trust 4 Old Men"
"May All Your Signals Be Rare DX"

--- In LDG-auto-tuners@yahoogroups.com, "Barry" <litigator516@...> wrote:
>
> I recently purchased an AT-1000Pro (holiday gift to myself) and the software version is 1.3. Is this the most recent version of the software? It is my understanding that upgrades are purchased by end users as a chip to be installed. If this is not the most recent version when was it the most recent version, what is the most recent version and is it imperative to make the upgrade?
>
> Thanks. Barry N2MAD
>

3971. Re: Software version

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-01-06 20:32:31 UTC
From: Dwayne
Topic: 3968 Message: 3971

Hi Barry,

The latest AT-1000Pro code is V1.3. We have not had an update in a couple years. Most of our improvements are to the tuning algorithm to reduce tuning time and find better matches.

Dwayne Kincaid

--- In LDG-auto-tuners@yahoogroups.com, "nt4om@..." <nt4om@...> wrote:
>
> Hello Barry,
>
> I am sure your software version is probably up to date. My PRO is version 1.1. I am curious what was improved since then. I wonder if I should update my chip.
>
> Anybody remember when the only way to upgrade a piece of hardware was to buy the complete new product?
>
> Tom - NT4OM
> "Never Trust 4 Old Men"
> "May All Your Signals Be Rare DX"
>
> --- In LDG-auto-tuners@yahoogroups.com, "Barry" <litigator516@> wrote:
> >
> > I recently purchased an AT-1000Pro (holiday gift to myself) and the software version is 1.3. Is this the most recent version of the software? It is my understanding that upgrades are purchased by end users as a chip to be installed. If this is not the most recent version when was it the most recent version, what is the most recent version and is it imperative to make the upgrade?
> >
> > Thanks. Barry N2MAD
> >
>

3972. Re: Software version

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-01-06 22:50:10 UTC
From: w3bi2
Topic: 3968 Message: 3972

And for those of us that own a tuner with ver 1.1 is there a place where we can get an updated chip?

Rick W3BI

--- In LDG-auto-tuners@...m, "Dwayne" <ldgyahoo@...> wrote:
>
> Hi Barry,
>
> The latest AT-1000Pro code is V1.3. We have not had an update in a couple years. Most of our improvements are to the tuning algorithm to reduce tuning time and find better matches.
>
> Dwayne Kincaid
>
> --- In LDG-auto-tuners@yahoogroups.com, "nt4om@" <nt4om@> wrote:
> >
> > Hello Barry,
> >
> > I am sure your software version is probably up to date. My PRO is version 1.1. I am curious what was improved since then. I wonder if I should update my chip.
> >
> > Anybody remember when the only way to upgrade a piece of hardware was to buy the complete new product?
> >
> > Tom - NT4OM
> > "Never Trust 4 Old Men"
> > "May All Your Signals Be Rare DX"
> >
> > --- In LDG-auto-tuners@yahoogroups.com, "Barry" <litigator516@> wrote:
> > >
> > > I recently purchased an AT-1000Pro (holiday gift to myself) and the software version is 1.3. Is this the most recent version of the software? It is my understanding that upgrades are purchased by end users as a chip to be installed. If this is not the most recent version when was it the most recent version, what is the most recent version and is it imperative to make the upgrade?
> > >
> > > Thanks. Barry N2MAD
> > >
> >
>

3973. AT-897 woes

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-01-06 20:59:36 UTC
From: worsr
Topic: 3973 Message: 3973

I've had this tuner for a few years now, but it has started not working. I've tried it with the W4RT cable and also another CAT cable. It seems pressing the tune button does nothing, doesn't light up or anything. I've got menu 20 set to CAT and menu 19 set to 9600. I know the CAT jack on the radio is OK as it works properly with the computer.

Is there anything I can check before sending it off to LDG??

thanks,

Mike, W0RSR

3974. Re: Software version

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-01-07 00:06:40 UTC
From: Dwayne
Topic: 3968 Message: 3974

Hi Rick,

It's not a recommended upgrade as you may not even see any difference in your tuning.

However, you can always e-mail LDG directly for a chip or part that is not carried by www.cheapham.com or www.w4rt.com.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "w3bi2" <w3bi.rick@...> wrote:
>
> And for those of us that own a tuner with ver 1.1 is there a place where we can get an updated chip?
>
> Rick W3BI
>
> --- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@> wrote:
> >
> > Hi Barry,
> >
> > The latest AT-1000Pro code is V1.3. We have not had an update in a couple years. Most of our improvements are to the tuning algorithm to reduce tuning time and find better matches.
> >
> > Dwayne Kincaid
> >
> > --- In LDG-auto-tuners@yahoogroups.com, "nt4om@" <nt4om@> wrote:
> > >
> > > Hello Barry,
> > >
> > > I am sure your software version is probably up to date. My PRO is version 1.1. I am curious what was improved since then. I wonder if I should update my chip.
> > >
> > > Anybody remember when the only way to upgrade a piece of hardware was to buy the complete new product?
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> > > Tom - NT4OM
> > > "Never Trust 4 Old Men"
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> > >
> > > --- In LDG-auto-tuners@yahoogroups.com, "Barry" <litigator516@> wrote:
> > > >
> > > > I recently purchased an AT-1000Pro (holiday gift to myself) and the software version is 1.3. Is this the most recent version of the software? It is my understanding that upgrades are purchased by end users as a chip to be installed. If this is not the most

recent version when was it the most recent version, what is the most recent version and is it imperative to make the upgrade?
> > > >
> > > > Thanks. Barry N2MAD
> > > >
> > >
> >
>

3975. Re: AT-897 woes

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-01-07 00:10:28 UTC
From: Dwayne
Topic: 3973 Message: 3975

Mike,

The AT-897 does not use any menu settings on the radio. If the tuner is not even lighting up when you press and hold the Tune button on the tuner, then it could be the tuner is broke, the CAT cable is broke or the radio is not providing 12 VDC on the CAT port.

A technician should be able to check if there is 12 volts on the CAT port and on the CAT cable. If both og those are working properly, then it's probably the tuner.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "worsr" <worsr@...> wrote:
>
> I've had this tuner for a few years now, but it has started not working. I've tried it with the W4RT cable and also another CAT cable. It seems pressing the tune button does nothing, doesn't light up or anything. I've got menu 20 set to CAT and menu 19 set to 9600. I know the CAT jack on the radio is OK as it works properly with the computer.
>
> Is there anything I can check before sending it off to LDG??
>
> thanks,
>
> Mike, W0RSR
>

3976. email settings

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-01-07 00:54:14 UTC
From: Leonard K. Pennock
Topic: 3976 Message: 3976

Dwayne

I'm wondering why this group is not following the email settings for yahoo. I currently have the group set for no email but I am still getting email from the group. What setting are you using for the group that is causing email to be sent even when someone has it marked for no email.

--
Leonard K. Pennock
AD7AS

Those who walk bravely through life, unafraid of loss or failure, find that they very rarely lose or fail.

3977. Re: email settings

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-01-07 01:51:07 UTC
From: Dwayne
Topic: 3976 Message: 3977

Hi Leonard,

I'm not the owner of the group, but it sounds like a Yahoo issue. My personal setting is also for no e-mails and I do not receive any.

Dwayne

--- In LDG-auto-tuners@yahoogroups.com, "Leonard K. Pennock" <leonardpennock@...> wrote:
>
> Dwayne
>
> I'm wondering why this group is not following the email settings for
> yahoo. I currently have the group set for no email but I am still
> getting email from the group. What setting are you using for the group
> that is causing email to be sent even when someone has it marked for no
> email.
>
> --
> Leonard K. Pennock
> AD7AS
>
> Those who walk bravely through life, unafraid of loss or failure,
> find that they very rarely lose or fail.
>

3978. Re: email settings

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-01-07 03:16:33 UTC
From: Bill M
Topic: 3976 Message: 3978

Leonard, set your settings to Web Only by selecting Edit Membership at the top of the page. Web Only is at the bottom right of the settings portion.

--- In LDG-auto-tuners@yahoogroups.com, "Leonard K. Pennock" <L

3979. Re: Software version

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-01-07 23:01:44 UTC
From: Steve
Topic: 3968 Message: 3979

Hi tom,
to answer your question "Anybody remember when the only way to upgrade a piece of hardware was to buy the complete new product?"
Yes I can,Everyday when I look at any ICOM product made in the last 10+ years, my IC-756Pro(I) to this day No 60 meter TX ability the problem is the software and its "Better" for ICOM just to sell you a "NEW" Product.
73's
de Steve AB2ET/4

--- In LDG-auto-tuners@yahoogroups.com, "nt4om@..." <nt4om@...> wrote:
>
> Hello Barry,
>
> I am sure your software version is probably up to date. My PRO is version 1.1. I am curious what was improved since then. I wonder if I should update my chip.
>
> Anybody remember when the only way to upgrade a piece of hardware was to buy the complete new product?
>
> Tom - NT4OM
> "Never Trust 4 Old Men"
> "May All Your Signals Be Rare DX"
>
> --- In LDG-auto-tuners@yahoogroups.com, "Barry" <litigator516@> wrote:
> >
> > I recently purchased an AT-1000Pro (holiday gift to myself) and the software version is 1.3. Is this the most recent version of the software? It is my understanding that upgrades are purchased by end users as a chip to be installed. If this is not the most recent version when was it the most recent version, what is the most recent version and is it imperative to make the upgrade?
> >
> > Thanks. Barry N2MAD
> >
>

3980. Supplied cables

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-01-08 14:46:58 UTC
From: Barry
Topic: 3968 Message: 3980

Thanks for your prompt response Dwayne. I have a follow-up question: The tuner came with multiple connectors, one of which is a cable with a molex connector on one end split into two on the other. Is the purpose of that cable to control the tuner as well as supply power to it? If I use that to power the tuner do I plug in the other split cable end into the tuner to control it? Is that the purpose of the connector?
Thanks for everyone's prompt responses.
Barry N2MAD

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
> Hi Barry,
>
> The latest AT-1000Pro code is V1.3. We have not had an update in a couple years. Most of our improvements are to the tuning algorithm to reduce tuning time and find better matches.
>
> Dwayne Kincaid
>
> --- In LDG-auto-tuners@yahoogroups.com, "nt4om@" <nt4om@> wrote:
> >
> > Hello Barry,
> >
> > I am sure your software version is probably up to date. My PRO is version 1.1. I am curious what was improved since then. I wonder if I should update my chip.
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> > Anybody remember when the only way to upgrade a piece of hardware was to buy the complete new product?
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> > >
> > > Thanks. Barry N2MAD
> > >
> >
>

3981. LDG AT-1000Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-01-08 19:25:11 UTC
From: Gary Mackey
Topic: 3981 Message: 3981

Hi All,

I've got an AT-200Pro and use it on my Flex3000 instead of the internal tuner and love it. I run an amp SB-200 once in awhile and considering an upgrade to the LDG AT-1000Pro to eliminate the need for my manual tuner when I decided to run a little power. I've got two questions. 1) Are there any plans on changing the cross-needle meter on the 1000Pro over to the LED meter like my AT-200Pro uses? 2) Can I assume if my AT-200Pro tunes my antenna fine at 100w in auto mode. I can expect the same from the AT-1000Pro at 500-600w in auto mode ?

Thanks

73,
K8EHB

3982. Re: Supplied cables

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-01-09 20:21:12 UTC
From: Dwayne
Topic: 3968 Message: 3982

Barry,

That cable is the IC-PAC for Icom Power and Control. The molex connector will match up to any Icom radio that is AH-3 or AH-4 compatible.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "Barry" <litigator516@...> wrote:
>
>
>
>
> Thanks for your prompt response Dwayne. I have a follow-up question: The tuner came with multiple connectors, one of which is a cable with a molex connector on one end split into two on the other. Is the purpose of that cable to control the tuner as well as supply power to it? If I use that to power the tuner do I plug in the other split cable end into the tuner to control it? Is that the purpose of the connector?
> Thanks for everyone's prompt responses.
> Barry N2MAD
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> --- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@> wrote:
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> > Hi Barry,
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> > The latest AT-1000Pro code is V1.3. We have not had an update in a couple years. Most of our improvements are to the tuning algorithm to reduce tuning time and find better matches.
> >
> > Dwayne Kincaid
> >
> > --- In LDG-auto-tuners@yahoogroups.com, "nt4om@" <nt4om@> wrote:
> > >
> > > Hello Barry,
> > >
> > > I am sure your software version is probably up to date. My PRO is version 1.1. I am curious what was improved since then. I wonder if I should update my chip.
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> > > Anybody remember when the only way to upgrade a piece of hardware was to buy the complete new product?
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> > > --- In LDG-auto-tuners@yahoogroups.com, "Barry" <litigator516@> wrote:

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> > > > I recently purchased an AT-1000Pro (holiday gift to myself) and the software version is 1.3. Is this the most recent version of the software? It is my understanding that upgrades are purchased by end users as a chip to be installed. If this is not the most recent version when was it the most recent version, what is the most recent version and is it imperative to make the upgrade?
> > > >
> > > > Thanks. Barry N2MAD
> > > > >
> > > >
> > >
>

3983. Re: Supplied cables

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-01-10 16:32:15 UTC
From: Barry
Topic: 3968 Message: 3983

Thank you for your prompt response Dwayne. I'm running a 756P3 so I'm going to set up up that way today. Great product.

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
> Barry,
>
> That cable is the IC-PAC for Icom Power and Control. The molex connector will match up to any Icom radio that is AH-3 or AH-4 compatible.
>
> Dwayne Kincaid
> LDG
>
> --- In LDG-auto-tuners@yahoogroups.com, "Barry" <litigator516@> wrote:
> >
> >
> >
> >
> > Thanks for your prompt response Dwayne. I have a follow-up question: The tuner came with multiple connectors, one of which is a cable with a molex connector on one end split into two on the other. Is the purpose of that cable to control the tuner as well as supply power to it? If I use that to power the tuner do I plug in the other split cable end into the tuner to control it? Is that the purpose of the connector?
> > Thanks for everyone's prompt responses.
> > Barry N2MAD
> >
> > --- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@> wrote:
> > >
> > > Hi Barry,
> > >
> > > The latest AT-1000Pro code is V1.3. We have not had an update in a couple years. Most of our improvements are to the tuning algorithm to reduce tuning time and find better matches.
> > >
> > > Dwayne Kincaid
> > >
> > > --- In LDG-auto-tuners@yahoogroups.com, "nt4om@" <nt4om@> wrote:
> > > >
> > > > Hello Barry,
> > > >
> > > > I am sure your software version is probably up to date. My PRO is version 1.1. I am curious what was improved since then. I wonder if I should update my chip.
> > > >
> > > > Anybody remember when the only way to upgrade a piece of hardware was to buy the complete new product?

> > > >
> > > > Tom - NT4OM
> > > > "Never Trust 4 Old Men"
> > > > "May All Your Signals Be Rare DX"
> > > >
> > > > --- In LDG-auto-tuners@yahoogroups.com, "Barry" <litigator516@> wrote:
> > > > >
> > > > > I recently purchased an AT-1000Pro (holiday gift to myself) and the software version is 1.3. Is this the most recent version of the software? It is my understanding that upgrades are purchased by end users as a chip to be installed. If this is not the most recent version when was it the most recent version, what is the most recent version and is it imperative to make the upgrade?
> > > > >
> > > > > Thanks. Barry N2MAD
> > > > >
> > > > >
> > > >
> > >
> >

3984. Re: LDG AT-1000Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-01-11 00:10:02 UTC
From: Dwayne
Topic: 3981 Message: 3984

Gary,

We typically don't publish any of our change plans, but I can tell you that we are not changing the meter to a bargraph.

All of our tuners will tune approximately the same range, but not exactly the same. Sorry that I can't provide you with a yes or no answer.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, Gary Mackey <garymackey@...> wrote:
>
> Hi All,
>
> I've got an AT-200Pro and use it on my Flex3000 instead of the
> internal tuner and love it. I run an amp SB-200 once in awhile and
> considering an upgrade to the LDG AT-1000Pro to eliminate the need for
> my manual tuner when I decided to run a little power. I've got two
> questions. 1) Are there any plans on changing the cross-needle meter
> on the 1000Pro over to the LED meter like my AT-200Pro uses? 2) Can I
> assume if my AT-200Pro tunes my antenna fine at 100w in auto mode. I
> can expect the same from the AT-1000Pro at 500-600w in auto mode ?
>
> Thanks
>
> 73,
> K8EHB
>

3985. Re: [LDG-auto-tuners] Loose Supplied cables

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-01-11 01:01:04 UTC
From: Howard Bingham
Topic: 3968 Message: 3985

The only problem with my LDG AT-200 Pro, is that the cable to my Yaesu FT-857D won't stay in on the tuner end (Seems the jack is either loose, or was incorrectly installed.).

Would that cause errant high SWR readings, as the tuner suddenly stopped tuning an existing antenna that I had no previous problems with & testing with a NEW coax & SWR meter reported a flat SWR in my mobile installation, where the tuner had been reporting higher than 3 to 1 SWR regardless of coax..

It wouldn't even tune a dummy load several months ago, meanwhile having no problems with the tuner removed & getting better SWR than with the tuner (Per use of a Heathkit SWR bridge).

Howard Bingham
KE5APJ

--

3986. Re: Loose Supplied cables

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-01-11 19:07:58 UTC
From: Dwayne
Topic: 3968 Message: 3986

Howard,

The jack may have broke if the connector will not stay in.

The jack is just the control for keying the radio and would not have much to do with the actually tuning ability. Obviously if the radio stopped keying in the middle of a tune, it's not going to find a match.

Sounds like it need s trip back to LDG for a check out.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, Howard Bingham <ke5apj@...> wrote:
>
> The only problem with my LDG AT-200 Pro, is that the cable to my
> Yaesu FT-857D won't stay in on the tuner end (Seems the jack is
> either loose, or was incorrectly installed.).
>
> Would that cause errant high SWR readings, as the tuner suddenly
> stopped tuning an existing antenna that I had no previous problems
> with & testing with a NEW coax & SWR meter reported a flat SWR in my
> mobile installation, where the tuner had been reporting higher than 3
> to 1 SWR regardless of coax..
>
> It wouldn't even tune a dummy load several months ago, meanwhile
> having no problems with the tuner removed & getting better SWR than
> with the tuner (Per use of a Heathkit SWR bridge).
>
> Howard Bingham
> KE5APJ
>
> --
>

3987. Would the Z11 Pro tune on 2m ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-01-11 19:49:42 UTC
From: daguero@free.fr
Topic: 3968 Message: 3987

Good evening to all

I have a Z11Pro, which is built to tune up to the 6m band.
Are there reports of successful tunes on the 2m band ? I am at 850 km of my shack, and I have no antenna for 2m...

73 Dimitri F4DYT

[Non-text portions of this message have been removed]

3988. Re: [LDG-auto-tuners] Re: Loose Supplied cables

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-01-11 20:57:24 UTC
From: Howard Bingham
Topic: 3968 Message: 3988

At 01:07 PM 1/11/2010, you wrote:
>Howard,
>
>The jack may have broke if the connector will not stay in.
>
>The jack is just the control for keying the radio and would not have
>much to do with the actually tuning ability. Obviously if the radio
>stopped keying in the middle of a tune, it's not going to find a match.
>
>Sounds like it need s trip back to LDG for a check out.
>
>Dwayne Kincaid
>LDG
--

The tuner is already boxed up along with some print out's of
correspondence from LDC over a related matter..

Meanwhile am running straight from the radio to antenna with no high
SWR indication on the Yaesu FT 857D control display..

Now to find a Xerox to copy the sales ticket, then to UPS for shipping..

Howard Bingham

--

>--- In LDG-auto-tuners@yahoogroups.com, Howard Bingham <ke5apj@...> wrote:
> >
> > The only problem with my LDG AT-200 Pro, is that the cable to my
> > Yaesu FT-857D won't stay in on the tuner end (Seems the jack is
> > either loose, or was incorrectly installed.).
> >
> > Would that cause errant high SWR readings, as the tuner suddenly
> > stopped tuning an existing antenna that I had no previous problems
> > with & testing with a NEW coax & SWR meter reported a flat SWR in my
> > mobile installation, where the tuner had been reporting higher than 3
> > to 1 SWR regardless of coax..
> >
> > It wouldn't even tune a dummy load several months ago, meanwhile
> > having no problems with the tuner removed & getting better SWR than
> > with the tuner (Per use of a Heathkit SWR bridge).
> >
> > Howard Bingham
> > KE5APJ
> >

> > --
> >
--

3989. Z11-Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-01-12 09:27:12 UTC
From: CT2FZI IM58KR
Topic: 3989 Message: 3989

Hello and I am sorry to use our list to ask this,

But yesterday I went wild and made a swap: my FT-100D and a Z11-Pro to a TS-480SAT!

But I am looking again for a Z11-Pro. I am "in love" for this tuner, but since my TS-480 has an internal tuner, I don't think I need to buy a new one...

So if you have a Z11-Pro, 9/10 in looks and functions, please write me a line...

I live in Lisbon, Portugal, so please be kind to consider this when calculating a price.

Wishing you all the best,

--
73,

Luis CT2FZI

ct2fzi@...
http://www.qsl.net/ct2fzi

3990. test

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-01-14 21:49:23 UTC
From: CT2FZI IM58KR
Topic: 3990 Message: 3990

test please ignore

--
73,

Luis CT2FZI

ct2fzi@...
http://www.qsl.net/ct2fzi

3991. Re: [LDG-auto-tuners] test

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-01-14 22:57:49 UTC
From: Howard Bingham
Topic: 3990 Message: 3991

5 x 5 in Houston, Tx. - EL29gq

Howard KE5APJ

At 03:49 PM 1/14/2010, you wrote:
>test please ignore
>
>--
>73,
>
>Luis CT2FZI
>
>ct2fzi@...
>http://www.qsl.net/ct2fzi

3992. Re: [LDG-auto-tuners] test

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-01-14 23:09:17 UTC
From: CT2FZI IM58KR
Topic: 3990 Message: 3992

I will QSL ASAP! :)

Anyone with an at-100pro for sale?

I'll take it...

Luis CT2FZI
On Thu, Jan 14, 2010 at 10:57 PM, Howard Bingham <ke5apj@earthlink.net>wrote:

>
>
> 5 x 5 in Houston, Tx. - EL29gq
>
> Howard KE5APJ
>
> ---
> At 03:49 PM 1/14/2010, you wrote:
> >test please ignore
> >
> >--
> >73,
> >
> >Luis CT2FZI
> >
> >ct2fzi@... <ct2fzi%40qsl.net>
> >http://www.qsl.net/ct2fzi
>
>
>

--
73,

Luis CT2FZI

ct2fzi@...
http://www.qsl.net/ct2fzi

[Non-text portions of this message have been removed]

3993. AT200Pro Antenna LED addon

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-01-15 00:13:11 UTC
From: Terry, KJ4EED
Topic: 3993 Message: 3993

I am wondering if there is a recommended or verified way to add an Antenna LED to the AT200Pro to indicate which Antenna is in use like the AT1000Pro has?

I am hoping someone has already done this and would not mind sharing.

3994. LDG tuner with an Icom 718

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-01-15 11:58:09 UTC
From: iona350
Topic: 3994 Message: 3994

My wife and I are living in Cairo, Egypt. She will shortly be licensed here in Egypt so I brought along a new Icom 718 and the LDG-7000 from my Icom-7000. Icom 7000 is not allowed in Egypt because it has VHF and UHF capibility. No 6 meter, VHF or UHF allowed. I should have tested them together at home in Michigan before we left. Alas...I did not.

I cannot get them to work together...even though page 7 of the LDG tuner says it will work with the 718. LDG manual says to select the AH-4 setting when using the Icom 718.

In the 718 manual (page 28) it says "Never select the "4" (AH-4 automatic antenna tuner), otherwise the transciever transmits automatically when turning the power ON." Push (tuner) to cancel unexpected transmission. Then re-select tuner type correctly.

Does this mean I should turn on the 718 with NO tuner selected, then select the AH-4 after power is on?

I don't want to have a problem. In Egypt there are NO stores that sell radio equipment or supplies such as coax, pl-259's and other supplies we take for granted.

Anyone have experience with this problem?

73, Jack KB8RJ and Crissie WD8KUR soon to be SU1**

3995. Re: [LDG-auto-tuners] LDG tuner with an Icom 718

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-01-16 13:25:17 UTC
From: Jack S.
Topic: 3994 Message: 3995

Jack,

Page 28 is for settings for the AT-180 antenna tuner. You need to refer to page 29 only, which refers to the AH-4, for which the LDG tuners are configured. Set the tuner option to 4 and connect the LDG tuner as LDG suggests and you should be OK.

Jack
W1JS
NH

From: iona350 <chivaree@...>
To: LDG-auto-tuners@yahoogroups.com
Sent: Fri, January 15, 2010 6:58:09 AM
Subject: [LDG-auto-tuners] LDG tuner with an Icom 718

My wife and I are living in Cairo, Egypt. She will shortly be licensed here in Egypt so I brought along a new Icom 718 and the LDG-7000 from my Icom-7000. Icom 7000 is not allowed in Egypt because it has VHF and UHF capibility. No 6 meter, VHF or UHF allowed. I should have tested them together at home in Michigan before we left. Alas...I did not.

I cannot get them to work together...even though page 7 of the LDG tuner says it will work with the 718. LDG manual says to select the AH-4 setting when using the Icom 718.

In the 718 manual (page 28) it says "Never select the "4" (AH-4 automatic antenna tuner), otherwise the transciever transmits automatically when turning the power ON." Push (tuner) to cancel unexpected transmission. Then re-select tuner type correctly.

Does this mean I should turn on the 718 with NO tuner selected, then select the AH-4 after power is on?

I don't want to have a problem. In Egypt there are NO stores that sell radio equipment or supplies such as coax, pl-259's and other supplies we take for granted.

Anyone have experience with this problem?

73, Jack KB8RJ and Crissie WD8KUR soon to be SU1**

[Non-text portions of this message have been removed]

3996. True Balanced Auto-Tuner?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-01-18 02:35:07 UTC
From: ab9ta
Topic: 3996 Message: 3996

Hello, I've been looking into using a ladder-line fed doublet on 160M, the only trouble is that it will have to be installed at under 25' above ground. This means that the impedance of this antenna is going to be fairly low on 160M, in the low single digits according to EZNEC. And, I want to be able to use this same antenna for 80, 40, and 30M too.

I like the convenience of my AT-100 tuner, but I can't seem to find a specific balanced auto tuner out there..
There is always the output balun option, but I've read that in situations where the SWR is really high on the feed line, the output balun can actually cause problems..

After putting a little thought into this, I started wondering if it is possible to put a 1:1 balun at the input of the tuner (between the radio and tuner)and then float the tuner with no ground connection. (The tuner could be powered by a battery so no power supply connection is required)

Alternately, I considered using two AT-100's, after the balun, each tuning one side of the ladder line.. Sounds strange at first, but it occurs to me that the combination of inductance & capacitance wouldn't be too different than some of the tuners designed strictly for balanced applications..
I don't know how well the two tuners would cooperate, but I just wonder if something like this has been tried before..

Thanks,
Bill AB9TA

3997. Re: [LDG-auto-tuners] True Balanced Auto-Tuner?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-01-18 09:38:34 UTC
From: CT2FZI IM58KR
Topic: 3996 Message: 3997

Hello Bill AB9TA

I would recommend you to use a 1:1 choke balun.

Using a FT 240-61 toroid and making 14 turns of "figure 8 cable" or thin 50 ohm coax you will get good results :)

I have attached a photo of one commercial version that uses copper wire.

Toroid source:
http://cgi.ebay.co.uk/ws/eBayISAPI.dll?ViewItem&item=380188871575

I also attached an article by Mr Paul M0PNN [see page 10] and he talks about this balun.

I wish I could help more... Just telling you that I use this balun with success in a QRP doublet antenna, made with computer cable:
http://www.norcalqrp.org/norcaldoublet.htm

On Mon, Jan 18, 2010 at 2:35 AM, ab9ta <billspringer99@...> wrote:

>
>
> Hello, I've been looking into using a ladder-line fed doublet on 160M, the
> only trouble is that it will have to be installed at under 25' above ground.
> This means that the impedance of this antenna is going to be fairly low on
> 160M, in the low single digits according to EZNEC. And, I want to be able to
> use this same antenna for 80, 40, and 30M too.
>
[SNIP]
>
> After putting a little thought into this, I started wondering if it is
> possible to put a 1:1 balun at the input of the tuner (between the radio and
> tuner)and then float the tuner with no ground connection. (The tuner could
> be powered by a battery so no power supply connection is required)
>

> [SNIP]
>

--
73,

Luis CT2FZI

ct2fzi@...
http://www.qsl.net/ct2fzi

[Non-text portions of this message have been removed]

3998. Re: True Balanced Auto-Tuner?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-01-18 19:20:11 UTC
From: Howard Z
Topic: 3996 Message: 3998

Bill,

The only Balanced Auto Tuner that I know of is from Palstar BT1500A which is MANUAL and is priced at a whopping $695

A balanced tuner is supposed to be the best for wire antennas. Perhaps LDG or Palstar might be interested in making an AUTO tuner that is balanced?

Once I tried running ladderline into my home and got oodles of stray RF mucking up my computer and usb devices. So, I convert the ladderline to Coax outside the house. I don't know how to avoid ladderline in the home from radiating. So, personally, I wouldn't be interested in a balanced auto-tuner at this time.

Howard

--- In LDG-auto-tuners@yahoogroups.com, "ab9ta" <billspringer99@...> wrote:
>
> Hello, I've been looking into using a ladder-line fed doublet on 160M, the only trouble is that it will have to be installed at under 25' above ground. This means that the impedance of this antenna is going to be fairly low on 160M, in the low single digits according to EZNEC. And, I want to be able to use this same antenna for 80, 40, and 30M too.
>
> I like the convenience of my AT-100 tuner, but I can't seem to find a specific balanced auto tuner out there..
> There is always the output balun option, but I've read that in situations where the SWR is really high on the feed line, the output balun can actually cause problems..
>
> After putting a little thought into this, I started wondering if it is possible to put a 1:1 balun at the input of the tuner (between the radio and tuner)and then float the tuner with no ground connection. (The tuner could be powered by a battery so no power supply connection is required)
>
> Alternately, I considered using two AT-100's, after the balun, each tuning one side of the ladder line.. Sounds strange at first, but it occurs to me that the combination of inductance & capacitance wouldn't be too different than some of the tuners designed strictly for balanced applications..
> I don't know how well the two tuners would cooperate, but I just wonder if something like this has been tried before..
>
> Thanks,
> Bill AB9TA
>

3999. Re: True Balanced Auto-Tuner?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-01-18 21:24:49 UTC
From: Dwayne
Topic: 3996 Message: 3999

Hi Howard and Bill,

We have the same issues with ladderline trying to keep RF out of the shack. The added cost of a Balanced tuner is significantly higher than just adding a balun. The performance differences are not that great, so most people just go the balun route.

We did a survey a bunch of years ago and couldn't find enough people that were interested (to pay that much more).

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "Howard Z" <Howard_Z@...> wrote:
>
> Bill,
>
> The only Balanced Auto Tuner that I know of is from Palstar BT1500A which is MANUAL and is priced at a whopping $695
>
> A balanced tuner is supposed to be the best for wire antennas. Perhaps LDG or Palstar might be interested in making an AUTO tuner that is balanced?
>
> Once I tried running ladderline into my home and got oodles of stray RF mucking up my computer and usb devices. So, I convert the ladderline to Coax outside the house. I don't know how to avoid ladderline in the home from radiating. So, personally, I wouldn't be interested in a balanced auto-tuner at this time.
>
> Howard
>
>
>
> --- In LDG-auto-tuners@yahoogroups.com, "ab9ta" <billspringer99@> wrote:
> >
> > Hello, I've been looking into using a ladder-line fed doublet on 160M, the only trouble is that it will have to be installed at under 25' above ground. This means that the impedance of this antenna is going to be fairly low on 160M, in the low single digits according to EZNEC. And, I want to be able to use this same antenna for 80, 40, and 30M too.
> >
> > I like the convenience of my AT-100 tuner, but I can't seem to find a specific balanced auto tuner out there..
> > There is always the output balun option, but I've read that in situations where the SWR is really high on the feed line, the output balun can actually cause problems..
> >
> > After putting a little thought into this, I started wondering if it is possible to put a 1:1 balun at the input of the tuner (between the radio and tuner)and then float the tuner

with no ground connection. (The tuner could be powered by a battery so no power supply connection is required)
> >
> > Alternately, I considered using two AT-100's, after the balun, each tuning one side of the ladder line.. Sounds strange at first, but it occurs to me that the combination of inductance & capacitance wouldn't be too different than some of the tuners designed strictly for balanced applications..
> > I don't know how well the two tuners would cooperate, but I just wonder if something like this has been tried before..
> >
> > Thanks,
> > Bill AB9TA
> >
>

4000. Re: [LDG-auto-tuners] True Balanced Auto-Tuner?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-01-18 21:31:34 UTC
From: DALE BLANCHARD
Topic: 3996 Message: 4000

----- Original Message -----
From: "ab9ta" <billspringer99@...>
To: LDG-auto-tuners@yahoogroups.com
Sent: Sunday, January 17, 2010 6:35:07 PM GMT -08:00 US/Canada Pacific
Subject: [LDG-auto-tuners] True Balanced Auto-Tuner?

Hello, I've been looking into using a ladder-line fed doublet on 160M, the only trouble is that it will have to be installed at under 25' above ground. This means that the impedance of this antenna is going to be fairly low on 160M, in the low single digits according to EZNEC. And, I want to be able to use this same antenna for 80, 40, and 30M too.

Check out the SGC tuners. They are made to feed long wire and balanced line.

Dale

_'_._'___

[Non-text portions of this message have been removed]

4001. Re: [LDG-auto-tuners] Re: True Balanced Auto-Tuner?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-01-20 01:11:35 UTC
From: Jim
Topic: 3996 Message: 4001

Dwayne wrote:
> Hi Howard and Bill,
>
> We have the same issues with ladderline trying to keep RF out of the shack. The added cost of a Balanced tuner is significantly higher than just adding a balun. The performance differences are not that great, so most people just go the balun route.
>
> We did a survey a bunch of years ago and couldn't find enough people that were interested (to pay that much more).
>
> Dwayne Kincaid
> LDG
>
>

I second the difficulty. I lost a D-104 mike to stray RF in the shack with a resonant antenna fed with ladderline. It was attached to a second station (S-line) in the shack that wasn't connected to anything except ground. The ground connection was less than 8' and in salt impregnated soil. I put up a coax fed dipole after that. I was tuning up and caught motion from the corner of my eye. The D-104 was releasing its smoke. Was my best mike element too.

Jim.

4002. Re: True Balanced Auto-Tuner?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-01-20 01:12:53 UTC
From: Dwayne
Topic: 3996 Message: 4002

Hi Dale,

The SGC tuners just float the ground for feeding balanced line. They are not True Balanced Autotuners that we've been discussing.

The antenna sounds interesting. Let us know how it works out.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, DALE BLANCHARD <wa7ixk@...> wrote:
>
>
> ----- Original Message -----
> From: "ab9ta" <billspringer99@...>
> To: LDG-auto-tuners@yahoogroups.com
> Sent: Sunday, January 17, 2010 6:35:07 PM GMT -08:00 US/Canada Pacific
> Subject: [LDG-auto-tuners] True Balanced Auto-Tuner?
>
>
>
>
>
>
> Hello, I've been looking into using a ladder-line fed doublet on 160M, the only trouble is that it will have to be installed at under 25' above ground. This means that the impedance of this antenna is going to be fairly low on 160M, in the low single digits according to EZNEC. And, I want to be able to use this same antenna for 80, 40, and 30M too.
>
>
>
>
> Check out the SGC tuners. They are made to feed long wire and balanced line.
>
> Dale
>
> _,_.-._,---
>
> [Non-text portions of this message have been removed]
>

4003. Re: True Balanced Auto-Tuner?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-01-20 01:47:53 UTC
From: ab9ta
Topic: 3996 Message: 4003

Dwayne, I will let the group know what happens.. Will try the antenna this summer at the new house..

By the way, has anyone tried using two autotuners on a balanced line, one on each conductor of the ladder line? They would tune each side of the ladder line against ground.

Balanced To
Line Antenna
----- 50 ohm coax ----- 1:1 Balun ---------- AT-100 #1 --------
---------- AT-100 #2 --------

I know that looks crazy, but I've seen schematics of true balanced tuners that use two mechanically coupled roller inductors each in series on each leg of the balanced line with capacitors across the balanced line.
I'm wondering if two autotuners would tune in this manner..
I think that the AT tuners use series inductors, so using two in this manner would be close. I just don't know if this would confuse the tuning logic in the tuners..

By the way, what was the estimated price of a true balanced autotuner?

73's Bill AB9TA

4004. Re: [LDG-auto-tuners] Re: True Balanced Auto-Tuner?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-01-20 02:32:56 UTC
From: Steve
Topic: 3996 Message: 4004

I too have wondered if this was possible - or, even taken a step further, with a some sort of "synchronize link" connection between both tuners to permit them to communicate to one another during the tuning process.

Steve
aa8af

On 1/19/2010 8:47 PM, ab9ta wrote:
> Dwayne, I will let the group know what happens.. Will try the antenna this summer at the new house..
>
> By the way, has anyone tried using two autotuners on a balanced line, one on each conductor of the ladder line? They would tune each side of the ladder line against ground.
>
>
> Balanced To
> Line Antenna
> ----- 50 ohm coax ----- 1:1 Balun ---------- AT-100 #1 --------
> ---------- AT-100 #2 --------
>
> I know that looks crazy, but I've seen schematics of true balanced tuners that use two mechanically coupled roller inductors each in series on each leg of the balanced line with capacitors across the balanced line.
> I'm wondering if two autotuners would tune in this manner..
> I think that the AT tuners use series inductors, so using two in this manner would be close. I just don't know if this would confuse the tuning logic in the tuners..
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> By the way, what was the estimated price of a true balanced autotuner?
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> 73's Bill AB9TA
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>
>

4005. Re: [LDG-auto-tuners] Re: True Balanced Auto-Tuner?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-01-20 17:22:05 UTC
From: Charles Scott
Topic: 3996 Message: 4005

Bill:

Trying to use two antenna tuners together would be problematic. They would have to be directly coupled to work in tandem since the solution on one side will directly affect the solution on the other side. This would be the equivalent of the mechanically coupled roller inductors or capacitors in a "balanced" tuner.

Keep in mind that most antennas (virtually all Ham antennas) are "differential" fed. In other words, the feed point consists of two connections that are fed 180 degrees out of phase of each other. Those two connections can either be two sides of a dipole, a vertical element and a ground plane, a short whip and your radio and body (manpack configuration), or whatever. Regardless of the configuration, the solution the tuner must come up with corrects the complex impedance presented by feeding those two connections to the impedance of the feed line. It is therefore one solution, not a solution for each leg.

There's also no difference in that solution between a "balanced" tuner and a supposedly "single-ended" tuner. While they may have different configurations of components, they achieve the exact same thing. The only real difference might be that a "single-ended" tuner might have a difference in relation to ground or surrounding conductors on one side of the connection to the antenna vs the other. If you isolate the "ground" side of the tuner, so it doesn't have that different relation, then the tuner becomes a true "balanced" tuner. The way to do this is to "choke" RF from flowing from the tuner "ground" connection back to the coax shield or control or power connections. That can be as simple as ferrite chokes or coiled cables.

So, if you have a "single-ended" or "unbalanced" tuner, and you need to feed a balanced antenna, you may either user a transformer (balun) on the output or you can isolated the tuner ground from the cable feeding it and any mounting it's attached to. The effect is the same as replacing it with a "balanced" tuner for all practical purposes.

Just don't touch the tuner case while transmitting! ;-)

Chuck - N8DNX

On 1/19/2010 8:47 PM, ab9ta wrote:
> Dwayne, I will let the group know what happens.. Will try the antenna this summer at the new house..
>
> By the way, has anyone tried using two autotuners on a balanced line, one on each conductor of the ladder line? They would tune each side of the ladder line against ground.
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>
> Balanced To
> Line Antenna
> ----- 50 ohm coax ----- 1:1 Balun ---------- AT-100 #1 --------
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> I know that looks crazy, but I've seen schematics of true balanced tuners that use two mechanically coupled roller inductors each in series on each leg of the balanced line with capacitors across the balanced line.
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> By the way, what was the estimated price of a true balanced autotuner?
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> 73's Bill AB9TA
>

4006. Re: True Balanced Auto-Tuner?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-01-20 18:12:46 UTC
From: Dwayne
Topic: 3996 Message: 4006

Steve,

I'm pretty sure this is possible. There was a guy in Europe about 7 or 8 years ago that got a few of our units and tied the tuning section in one unit to another. This allowed one control section to run two tuning sections. I think he had a balun in there someplace too.

Obviously, this cost more than twice as much, so it was not really cost effective to reproduce.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, Steve <lawresh@...> wrote:
>
> I too have wondered if this was possible - or, even taken a step
> further, with a some sort of "synchronize link" connection between both
> tuners to permit them to communicate to one another during the tuning
> process.
>
> Steve
> aa8af
>
>
>
> On 1/19/2010 8:47 PM, ab9ta wrote:
> > Dwayne, I will let the group know what happens.. Will try the antenna this summer at the new house..
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> > By the way, has anyone tried using two autotuners on a balanced line, one on each conductor of the ladder line? They would tune each side of the ladder line against ground.
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> > Balanced To
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> > By the way, what was the estimated price of a true balanced autotuner?
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> > 73's Bill AB9TA
> >
> >
> >
>

4007. Re: [LDG-auto-tuners] Re: True Balanced Auto-Tuner?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-01-20 18:32:57 UTC
From: Alan Biocca
Topic: 3996 Message: 4007

The cost of a true balanced autotuner is essentially double that of a single ended unit. The inductive elements are doubled, and the switching is doubled. There are some economies such as only one cpu, but the very low volume of manufacture increases the cost more than any savings. I did find a couple on the market a few years ago but they were in the vicinity of 1k$.

Synchronizing two single ended tuners would not likely work unless the manufacturer did it as the tuning steps would have to be carefully timed.

Using a tuner and an effective balun is, as has been pointed out, essentially similar. The key here is "Effective Balun". Depending on the situation the requirements for balun effectiveness can be technically quite difficult to meet. Most baluns have fairly meager capability to force balance.

That being said, if you get a really good balun and it will work for many antenna configurations. The most effective baluns don't use beads and have more than one core. Good ferrite is not cheap, and lots is required, so expect to spend a bit on a really effective balun. The one I use has several pounds of ferrite and 30 something cores in it, with the teflon coax passing through each core three times giving about 100 cores equivalent impedance. I put it on the wall outside the shack and feed it with a few feet of heavy coax to the tuner just inside the wall. The losses in this section of coax can be important so make it very short and low loss. As long as the antenna is reasonable this works quite well. Balanced line is used from the tuner to the antenna outside. I run 500 watts at times and have had no RF problems in the shack with this setup.

In some cases a balun is not required to encourage balance in which case anything works. In other cases a significant choking impedance is needed and then only a really effective balun will solve the problem. Changing frequency on a multiband antenna changes the situation so that on some frequencies there is no problem while on others the balun is insufficient to prevent imbalance. Changes to the antenna system can also help by reducing the balun requirements.

If there is RF in the shack, or the autotuner is going crazy of you are hearing RFI from the house, the reason is most likely the balun is not effective enough for the situation. Improve the balun and/or the antenna/counterpoise to fix it.

I see Dwayne has also just now replied to this thread, the above was done prior to his response.

73,

-- Alan, wb6zqz

On Wed, Jan 20, 2010 at 9:22 AM, Charles Scott <cscott@...>wrote:

>
>
> Bill:
>
> Trying to use two antenna tuners together would be problematic. They
> would have to be directly coupled to work in tandem since the solution
> on one side will directly affect the solution on the other side. This
> would be the equivalent of the mechanically coupled roller inductors or
> capacitors in a "balanced" tuner.
>
> Keep in mind that most antennas (virtually all Ham antennas) are
> "differential" fed. In other words, the feed point consists of two
> connections that are fed 180 degrees out of phase of each other. Those
> two connections can either be two sides of a dipole, a vertical element
> and a ground plane, a short whip and your radio and body (manpack
> configuration), or whatever. Regardless of the configuration, the
> solution the tuner must come up with corrects the complex impedance
> presented by feeding those two connections to the impedance of the feed
> line. It is therefore one solution, not a solution for each leg.
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> There's also no difference in that solution between a "balanced" tuner
> and a supposedly "single-ended" tuner. While they may have different
> configurations of components, they achieve the exact same thing. The
> only real difference might be that a "single-ended" tuner might have a
> difference in relation to ground or surrounding conductors on one side
> of the connection to the antenna vs the other. If you isolate the
> "ground" side of the tuner, so it doesn't have that different relation,
> then the tuner becomes a true "balanced" tuner. The way to do this is to
> "choke" RF from flowing from the tuner "ground" connection back to the
> coax shield or control or power connections. That can be as simple as
> ferrite chokes or coiled cables.
>
> So, if you have a "single-ended" or "unbalanced" tuner, and you need to
> feed a balanced antenna, you may either user a transformer (balun) on
> the output or you can isolated the tuner ground from the cable feeding
> it and any mounting it's attached to. The effect is the same as
> replacing it with a "balanced" tuner for all practical purposes.
>
> Just don't touch the tuner case while transmitting! ;-)
>
> Chuck - N8DNX
>
>
> On 1/19/2010 8:47 PM, ab9ta wrote:
> > Dwayne, I will let the group know what happens.. Will try the antenna
> this summer at the new house..
> > >
> > > By the way, has anyone tried using two autotuners on a balanced line, one
> on each conductor of the ladder line? They would tune each side of the

> ladder line against ground.
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> >
> > Balanced To
> > Line Antenna
> > ----- 50 ohm coax ----- 1:1 Balun ---------- AT-100 #1 --------
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> > I know that looks crazy, but I've seen schematics of true balanced tuners
> that use two mechanically coupled roller inductors each in series on each
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> > I'm wondering if two autotuners would tune in this manner..
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> manner would be close. I just don't know if this would confuse the tuning
> logic in the tuners..
> >
> > By the way, what was the estimated price of a true balanced autotuner?
> >
> > 73's Bill AB9TA
> >
>
>

[Non-text portions of this message have been removed]

4008. Re: [LDG-auto-tuners] Re: True Balanced Auto-Tuner?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-01-20 19:19:26 UTC
From: Charles Scott
Topic: 3996 Message: 4008

Alan:

You might clarify a bit. You seem to be concerned about loss in the coax
that makes up the balun. That's a bit of an oxymoron in that coax is
typically not used in a balun that would go on the output of the tuner,
but at the input of the tuner the SWR is very low, so the amount of coax
in a "balun" used to isolate the tuner from the rest transmission line
does not represent any significant loss.

I would agree that the best approach is to isolate the tuner from the
transmission line and control cable since using a balun on the antenna
side of the tuner presents possible losses and may not fully balance the
feed or remove common-mode current. I don't think achieving good
isolation is all that difficult though.

Chuck - N8DNX

On 1/20/2010 1:32 PM, Alan Biocca wrote:
> The cost of a true balanced autotuner is essentially double that of a single
> ended unit. The inductive elements are doubled, and the switching is
> doubled. There are some economies such as only one cpu, but the very low
> volume of manufacture increases the cost more than any savings. I did find a
> couple on the market a few years ago but they were in the vicinity of 1k$.
>
> Synchronizing two single ended tuners would not likely work unless the
> manufacturer did it as the tuning steps would have to be carefully timed.
>
> Using a tuner and an effective balun is, as has been pointed out,
> essentially similar. The key here is "Effective Balun". Depending on the
> situation the requirements for balun effectiveness can be technically quite
> difficult to meet. Most baluns have fairly meager capability to force
> balance.
>
> That being said, if you get a really good balun and it will work for many
> antenna configurations. The most effective baluns don't use beads and have
> more than one core. Good ferrite is not cheap, and lots is required, so
> expect to spend a bit on a really effective balun. The one I use has several
> pounds of ferrite and 30 something cores in it, with the teflon coax passing
> through each core three times giving about 100 cores equivalent impedance. I
> put it on the wall outside the shack and feed it with a few feet of heavy
> coax to the tuner just inside the wall. The losses in this section of coax
> can be important so make it very short and low loss. As long as the antenna
> is reasonable this works quite well. Balanced line is used from the tuner to
> the antenna outside. I run 500 watts at times and have had no RF problems in
> the shack with this setup.
>

> In some cases a balun is not required to encourage balance in which case
> anything works. In other cases a significant choking impedance is needed and
> then only a really effective balun will solve the problem. Changing
> frequency on a multiband antenna changes the situation so that on some
> frequencies there is no problem while on others the balun is insufficient to
> prevent imbalance. Changes to the antenna system can also help by reducing
> the balun requirements.
>
> If there is RF in the shack, or the autotuner is going crazy of you are
> hearing RFI from the house, the reason is most likely the balun is not
> effective enough for the situation. Improve the balun and/or the
> antenna/counterpoise to fix it.
>
> I see Dwayne has also just now replied to this thread, the above was done
> prior to his response.
>
> 73,
>
> -- Alan, wb6zqz

4009. Re: [LDG-auto-tuners] Re: True Balanced Auto-Tuner?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-01-20 21:02:01 UTC
From: Alan Biocca
Topic: 3996 Message: 4009

I don't want this to develop into a major discussion thread here.

The case I presented places the balun on the antenna side of the tuner. This is not ideal but it is often the most practical situation. It works quite well if the impedances are not too high. If they are really high then there are problems with most solutions...

Placing the balun in front of the tuner solves some problems and causes a host of others. In addition, all other leads to the tuner must be isolated, and the case floated. There are many paths that can bypass the effectiveness of the balun there. It is similar to bringing the balanced line into the shack. Not very practical.

Roy Lewallen's paper showed by mathematical analysis and measurement that placing the balun on the 50 ohm side of an unbalanced tuner does not lessen the requirements for choking impedance to effect balance (since the one side of the tuner is shorted to the balun through the tuner's ground). In a tuner system the choking impedance of the balun must exceed the tuner's output impedance by a large factor (approximately 5x or more) and this can be thousands of ohms, a value most baluns cannot come close to achieveing. A balun that does not have this required choking impedance will not be "effective", and balance will not occur - the RF current will divide per the impedance ratio and flow onto the outside of the shield as well as the antenna. The resulting RF current will flow on the coax shield to the equipment cabinets and eventually on to the ground system. Ground systems inside the shack are never low enough impedance at RF to totally eliminate the potential caused from these currents thus there will be RF voltage on everything in the shack. The amount of this RF voltage will be directly related to the effective choking impedance of the balun and the impedance of the antenna and feedline system (as well as the impedance of the ground system).

So keep the impedance at the output of the tuner from getting too high by antenna and feedline system design, and use a highly effective balun to maintain adequate balance. The more effective the balun, the higher impedance it can handle and still maintain adequate balance. The more power you run the more effective it needs to be because the RF currents are larger and greater impedance is required to keep the leakage currents low enough to maintain adequate balance and minimize the RF conducted onto the equipment.

That's my advice. I hope this hasn't been too technical, and again, I don't want to engage in a major discussion of this here. Many folks have different ideas about how things work. There is a great deal of material published on this subject, and not all of it is correct.

73

-- Alan, wb6zqz

On Wed, Jan 20, 2010 at 11:19 AM, Charles Scott <cscott@...>wrote:

>
>
> Alan:
>
> You might clarify a bit. You seem to be concerned about loss in the coax
> that makes up the balun. That's a bit of an oxymoron in that coax is
> typically not used in a balun that would go on the output of the tuner,
> but at the input of the tuner the SWR is very low, so the amount of coax
> in a "balun" used to isolate the tuner from the rest transmission line
> does not represent any significant loss.
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> I would agree that the best approach is to isolate the tuner from the
> transmission line and control cable since using a balun on the antenna
> side of the tuner presents possible losses and may not fully balance the
> feed or remove common-mode current. I don't think achieving good
> isolation is all that difficult though.
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> Chuck - N8DNX
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>
> On 1/20/2010 1:32 PM, Alan Biocca wrote:
> > The cost of a true balanced autotuner is essentially double that of a
> single
> > ended unit. The inductive elements are doubled, and the switching is
> > doubled. There are some economies such as only one cpu, but the very low
> > volume of manufacture increases the cost more than any savings. I did
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> > couple on the market a few years ago but they were in the vicinity of
> 1k$.
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> > Synchronizing two single ended tuners would not likely work unless the
> > manufacturer did it as the tuning steps would have to be carefully timed.
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> > Using a tuner and an effective balun is, as has been pointed out,
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> > situation the requirements for balun effectiveness can be technically
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> > difficult to meet. Most baluns have fairly meager capability to force
> > balance.
> >
> > That being said, if you get a really good balun and it will work for many
> > antenna configurations. The most effective baluns don't use beads and
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> > more than one core. Good ferrite is not cheap, and lots is required, so
> > expect to spend a bit on a really effective balun. The one I use has
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> > pounds of ferrite and 30 something cores in it, with the teflon coax
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> > through each core three times giving about 100 cores equivalent
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> > is reasonable this works quite well. Balanced line is used from the tuner
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> > the antenna outside. I run 500 watts at times and have had no RF problems
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> > the shack with this setup.
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> > then only a really effective balun will solve the problem. Changing
> > frequency on a multiband antenna changes the situation so that on some
> > frequencies there is no problem while on others the balun is insufficient
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> > prevent imbalance. Changes to the antenna system can also help by
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> > the balun requirements.
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> > If there is RF in the shack, or the autotuner is going crazy of you are
> > hearing RFI from the house, the reason is most likely the balun is not
> > effective enough for the situation. Improve the balun and/or the
> > antenna/counterpoise to fix it.
> >
> > I see Dwayne has also just now replied to this thread, the above was done
> > prior to his response.
> >
> > 73,
> >
> > -- Alan, wb6zqz
>
>

[Non-text portions of this message have been removed]

4010. Re: [LDG-auto-tuners] Re: True Balanced Auto-Tuner?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-01-20 22:33:22 UTC
From: Charles Scott
Topic: 3996 Message: 4010

Alan:

On 1/20/2010 4:02 PM, Alan Biocca wrote:
> Placing the balun in front of the tuner solves some problems and causes a
> host of others. In addition, all other leads to the tuner must be isolated,
> and the case floated. There are many paths that can bypass the effectiveness
> of the balun there. It is similar to bringing the balanced line into the
> shack. Not very practical.
>
I'm not as pessimistic as you are in this regard and I think the
experience people have choking the transmission and control lines to
achieve isolation supports taking that approach.

Yes, all other leads do need to be "decoupled". This is usually just one
control/power cable and all you have to do is to run that through the
same choke or coiling used for the transmission line. In fact, it's
probably preferential to do it that way. What would be the other host of
problems?
> Roy Lewallen's paper showed by mathematical analysis and measurement that
> placing the balun on the 50 ohm side of an unbalanced tuner does not lessen
> the requirements for choking impedance to effect balance (since the one side
> of the tuner is shorted to the balun through the tuner's ground).
Sorry, but I don't follow this. The point is to implement an impedance
on the cables feeding the tuner high enough to adequately choke
common-mode currents. I don't know how the "short" you refer to applies
in this case. In this case, the balun is simply a choke and it doesn't
matter that the ground of the tuner happens to be electrically connected
to the coax shield--all cabling will be "decoupled". It may be best to
not think of this as a "balun" but rather a simple RF choke.
> In a tuner system the choking impedance of the balun must exceed the tuner's output
> impedance by a large factor (approximately 5x or more) and this can be
> thousands of ohms, a value most baluns cannot come close to achieveing.
I'm also not sure this is the case. The impedance presented across the
output connection of the tuner is not necessarily related to the
common-mode impedance of the antenna system and tuner case as a whole
presented at the choke. In fact, I would think they would normally be
quite different. Keep in mind also that the effectiveness of the choke
is also dependent on the impedance presented by the cable bundle coming
to it from the other direction, which is something you can control.

Overall, I do think the experience of these types of installations do
show this to be a valid approach, but admittedly there can be situations
that can foul you up. That's almost always the case and that's why a
rational approach to keeping RF out of your station is always a good thing.

Chuck

4011. Re: [LDG-auto-tuners] Re: True Balanced Auto-Tuner?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-01-21 00:32:41 UTC
From: Alan Biocca
Topic: 3996 Message: 4011

Apologies for all this traffic. I hope this is educational and useful.

The advice I gave is technically sound. Roy's article was published in QST and one of the Antenna Compendiums from ARRL as I recall. For those who don't know, Roy Lewallen is the author of EZNEC.

An example with some simplification:

Assume we have an "ok" balun. It presents 300 ohms choking impedance which is six times the 50 ohm cable and would be fine for most 50 ohm applications.

The current emerging from the output of the tuner on the shield side has two paths it can follow. One is into the antenna feedline, the other is across the tuner case and across the balun to the station chassis and ground. The current must divide following the inverse ratio of impedances.

So the balun's choking impedance is directly opposing the tuner's output impedance, splitting the antenna current at that point. If the choking impedance of the balun is 300 ohms and the antenna's impedance at that point in the feedline (note this includes reactance) is also 300 ohms (well within the tuner's range) then the current will divide equally into the antenna feedline and into the balun. Half the antenna current will flow into the balun via the shield and onto the equipment cabinets and into the station ground. Bead baluns often overheat and exceed the temperature rating of ferrite (which is quite high) and crack apart in applications such as this. Significant amounts of power can be expended in the balun (and the station ground). Lots of people do this all the time and never realize it unless the balun smokes or the RF interferes with the computer or burns them on the lip (hot microphone).

It is clear from this example that a balun with higher than usual choking reactance is needed when used with a tuner. Alternately the impedance of the antenna can be kept low and then a "normal" balun will suffice. If the antenna has a high impedance it is very difficult to get an adequate choking impedance.

Some makers of high quality baluns recognize this fact and make special "tuner application" baluns that have much higher than usual choking impedance. This is what I use.

Note that using a balanced tuner solves this problem as the short across the tuner case is gone and the balun does not see the antenna's impedance. The coils on both sides of the current path protect the balun and the station ground from the antenna current and improve the balance. People who have built these balanced tuners often report not only no RF in the shack, but much less receiver noise picked up from the house - this same path works in

reverse to allow noise from the house into the receiver.

Much of the time using a regular balun things "work out" and there is no problem. Other times it doesn't and folks are confused as to why they have RF problems. It is all a matter of degree. Current divides by the inverse ratio of impedances. The choking impedance needs to be high enough. Unbalanced tuners put much higher stress on the balun requirements.

The original poster was correct, the best answer is a balanced tuner. However in most cases a reasonable solution can be found with an unbalanced tuner and an effective balun. Depending on the circumstances a more capable than usual balun is called for. Since we operate on a wide range of frequencies it is prudent to use the high performance balun from the start, otherwise there are likely some frequency combinations that will be troublesome with increased RF in the shack, wasted transmitter power and increased noise in the receiver. How often do you hear someone say "this antenna works great on all bands except on x meters where it (resets the computer, gets into the landline, etc)".

Someday perhaps some manufacturer will take the lead and make a cost effective balanced auto tuner. If properly designed and made in quantity the cost increase can be considerably less than double. Twice as many coils are required, but they are only half the inductance (each). The relays can be chosen with contacts to switch both coils at once. The result of this tuner design will be far fewer customer problems. Problems with RF in the tuner, RF in the shack, etc will be dramatically reduced or eliminated. This balanced tuner would provide increased current balance not just for balanced antennas, but also for unbalanced antennas. After all, RF in the shack is the same problem regardless of the antenna's balance or lack thereof. It is current balance in the transmission line that determines this, not balance in the antenna itself.

The customer doesn't know he needs a balanced tuner, so asking them doesn't work. The folks who have problems with RF don't know why they have them. They don't have a balanced tuner to try out so they don't know if it would solve their problems. They may try a better balun, but most don't even know to try that.

73

-- Alan, wb6zqz

On Wed, Jan 20, 2010 at 2:33 PM, Charles Scott <cscott@gaslightmedia.com>wrote:

>
>
> Alan:
>
>
> On 1/20/2010 4:02 PM, Alan Biocca wrote:
> > Placing the balun in front of the tuner solves some problems and causes a
> > host of others. In addition, all other leads to the tuner must be

> isolated,
> > and the case floated. There are many paths that can bypass the
> effectiveness
> > of the balun there. It is similar to bringing the balanced line into the
> > shack. Not very practical.
> >
> I'm not as pessimistic as you are in this regard and I think the
> experience people have choking the transmission and control lines to
> achieve isolation supports taking that approach.
>
> Yes, all other leads do need to be "decoupled". This is usually just one
> control/power cable and all you have to do is to run that through the
> same choke or coiling used for the transmission line. In fact, it's
> probably preferential to do it that way. What would be the other host of
> problems?
>
> > Roy Lewallen's paper showed by mathematical analysis and measurement that
> > placing the balun on the 50 ohm side of an unbalanced tuner does not
> lessen
> > the requirements for choking impedance to effect balance (since the one
> side
> > of the tuner is shorted to the balun through the tuner's ground).
> Sorry, but I don't follow this. The point is to implement an impedance
> on the cables feeding the tuner high enough to adequately choke
> common-mode currents. I don't know how the "short" you refer to applies
> in this case. In this case, the balun is simply a choke and it doesn't
> matter that the ground of the tuner happens to be electrically connected
> to the coax shield--all cabling will be "decoupled". It may be best to
> not think of this as a "balun" but rather a simple RF choke.
>
> > In a tuner system the choking impedance of the balun must exceed the
> tuner's output
> > impedance by a large factor (approximately 5x or more) and this can be
> > thousands of ohms, a value most baluns cannot come close to achieveing.
> I'm also not sure this is the case. The impedance presented across the
> output connection of the tuner is not necessarily related to the
> common-mode impedance of the antenna system and tuner case as a whole
> presented at the choke. In fact, I would think they would normally be
> quite different. Keep in mind also that the effectiveness of the choke
> is also dependent on the impedance presented by the cable bundle coming
> to it from the other direction, which is something you can control.
>
> Overall, I do think the experience of these types of installations do
> show this to be a valid approach, but admittedly there can be situations
> that can foul you up. That's almost always the case and that's why a
> rational approach to keeping RF out of your station is always a good thing.
>
> Chuck
>
>

>

[Non-text portions of this message have been removed]

4012. Re: True Balanced Auto-Tuner?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-01-21 03:40:14 UTC
From: ab9ta
Topic: 3996 Message: 4012

All excellent information, thanks to all...

The reason I thought of using the two tuners is that the path for the antenna current is independent of the cases of the tuners.. Also, as one earlier post points out, a 50 ohm 1:1 balun on the input would be operating well within its' design tolerances for isolation, and it gives us the two leads to the tuners 180 degrees out of phase.

Also, someone noted that the tuner is providing a total solution for the antenna / feedline problem. So, I wonder if there is a difference between the two tuners' solutions, would it be a large difference, and would it cause that much of a problem..

I do like the idea of pulling the tuner relay coil leads out to control external relays, i.e., one control lead controls two relays, one on each half of the balanced tuner..

More to think about...
Thanks, Bill AB9TA

4013. Re: [LDG-auto-tuners] Re: True Balanced Auto-Tuner?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-01-21 14:37:32 UTC
From: Charles Scott
Topic: 3996 Message: 4013

Alan:

My last post because I can see where this is going. Making a statement in an article in QST or any publication, or for that matter a manufacturer's documentation, does not make it correct, and nobody should be afraid to reconsider those writings in light of additional information.

The tuner is looking at the differential feed to the antenna and matches that impedance. The effective impedance at the choke is likely to be completely different. Take for example an off-center fed antenna. If you feed it at a frequency where the side connected to the tuner case is about 1/4 wavelength, and the length from the choke through the tuner chassis to that side of the antenna is short, then you'd be seeing a low impedance at the choke. The other side of the antenna may however be closer to 1/2 wavelength, and the tuner needs to match that. In this case, it's irrelevant what the differential feed impedance is since clearly the choke is working against a low impedance.

Another consideration is that tuner is applying reactance to the antenna impedance to match it to 50 Ohms. If you look at the simple case of a vertical and a ground field, and correct the impedance of the whip with reactive components, what is the impedance looking into the input of that network against ground? 50 Ohms! Consider also a balanced dipole that has reactive components on both sides at the feed point (which is the same as a balanced tuner), what would be the impedance seen across the choke? So, it could be argued that the tuner is actually correcting the impedance presented by the antenna elements to make it appear as 50 Ohms at the input of the tuner, isn't it? If the tuner has applied a correct solution aren't you always looking at some relatively low impedance at the choke? 300 Ohms then becomes significant. This is why this works in practice.

I would also add that the effect of the choke is similarly dependent on the impedance presented by the line headed toward the shack. That's something you can better control and should, and should also route lines to minimize coupling with the near field of the antenna.

Perhaps we could come up with situations where the antenna feed impedance would be similar to that at the choke. However, the math will only work for you if you're applying the calculations properly. In this case, the assumption of the calculations was that the choke on the input to the tuner is working against the feed impedance of the antenna without regard for the tuner or any particular characteristic of the antenna, which is clearly not so. As such, those calculations need to be corrected if they are going to properly represent the situation.

I do use EZNEC quite a bit and appreciate the work and knowledge that
went into it. It is, however, always the case that your answers depend
on the nature of the problem. Are you sure that Roy was explaining this
kind of situation--perhaps not.

Chuck - N8DNX

On 1/20/2010 7:32 PM, Alan Biocca wrote:
> Apologies for all this traffic. I hope this is educational and useful.
>
> The advice I gave is technically sound. Roy's article was published in QST
> and one of the Antenna Compendiums from ARRL as I recall. For those who
> don't know, Roy Lewallen is the author of EZNEC.
>
> An example with some simplification:
>
> Assume we have an "ok" balun. It presents 300 ohms choking impedance which
> is six times the 50 ohm cable and would be fine for most 50 ohm
> applications.
>
> The current emerging from the output of the tuner on the shield side has two
> paths it can follow. One is into the antenna feedline, the other is across
> the tuner case and across the balun to the station chassis and ground. The
> current must divide following the inverse ratio of impedances.
....

4014. Re: [LDG-auto-tuners] Re: True Balanced Auto-Tuner?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-01-21 19:31:20 UTC
From: Alan Biocca
Topic: 3996 Message: 4014

Not all articles are correct, but this one is technically above the usual level and has been reviewed by others. I did some looking and did not find the version of the article that I remember, but I did find a another version of this discussion on Roy's EZNEC website here:

http://eznec.com/misc/ibalun.txt

This article analyzes placement of the balun with respect to the tuner, among other things. It shows that moving the balun does not improve balance. The only determining factors are the choking impedance of the balun and the common mode impedance of the leg of the feedline connected to the tuner.

Here is another analysis by Tom Rauch that uses spice verified by measurements to show the balun location does not matter:

http://www.w8ji.com/tuner_baluns.htm

And another by Kevin Schmidt on putting a Balun and a Tuner together:

http://fermi.la.asu.edu/w9cf/articles/balun/balun.html

Placing the balun in front of the tuner also lifts the tuner chassis to a potentially high RF voltage and introduces additional capacitive coupling to nearby equipment (which can be significant on higher frequencies), as well as placing RF onto other cables connecting to the tuner. RF decoupling these cables is potentially more problematic than the original issue as RF on the control and power lines even at lower levels can cause problems. It also means the chassis cannot be grounded per usual station design and code requirements.

I see what the problem is here. Looking at only differential impedance (between the feedline conductors) is not sufficient. I was referring to common mode impedances (feedline conductors to ground). Those are the ones that affect the balun's ability to prevent unwanted ground currents. If the differential impedance of the antenna feedline is low then most of the current will flow differentially. However since we are using a tuner it is likely (at some frequencies) that the differential impedance is high. The current will divide per the impedances that it sees which are the antenna feedline differential and common mode impedances, and the balun common mode impedance. If both the differential and the common mode impedance of the feedline are high then the balun's common mode impedance will determine the unwanted ground current flow. Note that the lowest impedance will get more of the current. Having a high differential impedance causes the stresses on the balun and the ground current. If the antenna and feedline present a low impedance to the tuner the stress on the balun

is low.

I encourage folks interested in this subject area to look up the article. It shows mathematically that there is no difference between placing the balun before or after a single ended tuner (with respect to balance). The balun sees the uncorrected impedance of the antenna feedline in common mode, not benefitting from the reactance compensation or impedance conversion of the tuner which only corrects the differential mode impedance.

Since a single ended tuner is only tuning one side of the feedline, the other side being the chassis and shorted right through, It does not affect the common mode impedance of this shorted side and the balun directly competes with this impedance. It is this conductor's common mode impedance vs the balun's that governs the current splitting (lack of balance) and unwanted ground currents.

To summarize, using a balun with a single ended tuner in either the input or output side can place unusual stresses on it (depending on the antenna and feedline system and varying with frequency). Placing the balun on the input causes additional issues so it is generally best to place it on the output side. If you like having a trouble free system (over a wide range of bands and frequencies) use a really good balun (having high common mode impedance across the frequencies of interest so that it may always be effective), or use a true differential tuner. If you have a tuner and balun system that has problems (at some frequencies) you can try a much better balun or modify the antenna and/or feedline system to lower the common mode impedance the balun is competing with. Using a clamp-on RF current meter to measure RF on the station ground can show if there is a problem - there should be no RF on the station ground or on the outside of the feedline out of the transmitter or amplifier (if the antenna and feedline system is operating properly balanced).

Hope that adds some clarity for folks.

73

-- Alan, wb6zqz

On Thu, Jan 21, 2010 at 6:37 AM, Charles Scott <cscott@...> wrote:
>
>
>
> Alan:
>
> My last post because I can see where this is going. Making a statement
> in an article in QST or any publication, or for that matter a
> manufacturer's documentation, does not make it correct, and nobody
> should be afraid to reconsider those writings in light of additional
> information.
>

> The tuner is looking at the differential feed to the antenna and matches
> that impedance. The effective impedance at the choke is likely to be
> completely different. Take for example an off-center fed antenna. If you
> feed it at a frequency where the side connected to the tuner case is
> about 1/4 wavelength, and the length from the choke through the tuner
> chassis to that side of the antenna is short, then you'd be seeing a low
> impedance at the choke. The other side of the antenna may however be
> closer to 1/2 wavelength, and the tuner needs to match that. In this
> case, it's irrelevant what the differential feed impedance is since
> clearly the choke is working against a low impedance.
>
> Another consideration is that tuner is applying reactance to the antenna
> impedance to match it to 50 Ohms. If you look at the simple case of a
> vertical and a ground field, and correct the impedance of the whip with
> reactive components, what is the impedance looking into the input of
> that network against ground? 50 Ohms! Consider also a balanced dipole
> that has reactive components on both sides at the feed point (which is
> the same as a balanced tuner), what would be the impedance seen across
> the choke? So, it could be argued that the tuner is actually correcting
> the impedance presented by the antenna elements to make it appear as 50
> Ohms at the input of the tuner, isn't it? If the tuner has applied a
> correct solution aren't you always looking at some relatively low
> impedance at the choke? 300 Ohms then becomes significant. This is why
> this works in practice.
>
> I would also add that the effect of the choke is similarly dependent on
> the impedance presented by the line headed toward the shack. That's
> something you can better control and should, and should also route lines
> to minimize coupling with the near field of the antenna.
>
> Perhaps we could come up with situations where the antenna feed
> impedance would be similar to that at the choke. However, the math will
> only work for you if you're applying the calculations properly. In this
> case, the assumption of the calculations was that the choke on the input
> to the tuner is working against the feed impedance of the antenna
> without regard for the tuner or any particular characteristic of the
> antenna, which is clearly not so. As such, those calculations need to be
> corrected if they are going to properly represent the situation.
>
> I do use EZNEC quite a bit and appreciate the work and knowledge that
> went into it. It is, however, always the case that your answers depend
> on the nature of the problem. Are you sure that Roy was explaining this
> kind of situation--perhaps not.
>
> Chuck - N8DNX
>
> On 1/20/2010 7:32 PM, Alan Biocca wrote:
> > Apologies for all this traffic. I hope this is educational and useful.
> >
> > The advice I gave is technically sound. Roy's article was published in QST

> > and one of the Antenna Compendiums from ARRL as I recall. For those who
> > don't know, Roy Lewallen is the author of EZNEC.
> >
> > An example with some simplification:
> >
> > Assume we have an "ok" balun. It presents 300 ohms choking impedance which
> > is six times the 50 ohm cable and would be fine for most 50 ohm
> > applications.
> >
> > The current emerging from the output of the tuner on the shield side has two
> > paths it can follow. One is into the antenna feedline, the other is across
> > the tuner case and across the balun to the station chassis and ground. The
> > current must divide following the inverse ratio of impedances.
> ....
>

4015. LDG AT-200PRO & Kenwood TS-430S Transceiver

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-01-22 15:21:07 UTC
From: k4hrm
Topic: 4015 Message: 4015

I have an old Kenwood TS-430S HF Transceiver with a G5RV dipole antenna. I recently was gifted with an LDG AT-200PRO tuner. However, the TS-430S has an 8 pin DIN and the AT-200PRO a molex connector. First, will the AT-200PRO tune on the TS-430S? Second, any suggestions on where to acquire the correct cable for connecting?

4016. True Balanced Autotuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-01-21 20:14:57 UTC
From: Sam Barrett
Topic: 4016 Message: 4016

I kind of got in on this thread in the middle, so I am not sure what the initial question was. However, I will describe my setup for what it is worth.

I have a Z-100 that I use on my IC-735 standby rig, primarily for digital work. My two main antennas are fed with 450 ohm window line. One day I found an old Heathkit B-1 balun that I had on the shelf in my closet. Having never used it, I opened it up to find that it consists of two nice wire inductors about 6 inches long in parallel, kind of like the stuff we used to buy by the inch. The diameter is about 2 inches, and there must be about 12 turns to the inch.

By hooking the balanced line to the balun output and the 50 ohm UHF connector to the Z-100 output, I find that it tunes my wire antennas very well. I don't think I would run a lot of power, but it certainly takes full output from the Z-100.

I have seen some of the old B-1 baluns on eBay from time to time.

Hope this helps someone.

73,\
Sam, W5KF

[Non-text portions of this message have been removed]

4017. Re: [LDG-auto-tuners] Re: True Balanced Auto-Tuner?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-01-21 21:16:01 UTC
From: Charles Scott
Topic: 3996 Message: 4017

Alan:

OK, my last, last post. I have to say though that I don't fully agree with your conclusions, but respect the thought and research you have put into this. I'd have to take a weekend with the referenced documents to determine if there is a problem in the way you are translating the information in the documents, whether the documents really don't address the actual issue at hand, or whether those documents are in disagreement with my evaluation.

As to the more practical matters of doing this with a single-ended tuner, I'll leave that to the number of people, myself included, who have done this with good success. It's not that hard to isolate the tuner mounting and to bundle all cables through the "choke" and the results speak for themselves.

Good and inspiring discussion.

Chuck

On 1/21/2010 2:31 PM, Alan Biocca wrote:
> Not all articles are correct, but this one is technically above the
> usual level and has been reviewed by others. I did some looking and
> did not find the version of the article that I remember, but I did
> find a another version of this discussion on Roy's EZNEC website here:
>
> http://eznec.com/misc/ibalun.txt
>
> This article analyzes placement of the balun with respect to the
> tuner, among other things. It shows that moving the balun does not
> improve balance. The only determining factors are the choking
> impedance of the balun and the common mode impedance of the leg of the
> feedline connected to the tuner.
>
> Here is another analysis by Tom Rauch that uses spice verified by
> measurements to show the balun location does not matter:
>
> http://www.w8ji.com/tuner_baluns.htm
>
> And another by Kevin Schmidt on putting a Balun and a Tuner together:
>
> http://fermi.la.asu.edu/w9cf/articles/balun/balun.html
>
> Placing the balun in front of the tuner also lifts the tuner chassis
> to a potentially high RF voltage and introduces additional capacitive
> coupling to nearby equipment (which can be significant on higher

> frequencies), as well as placing RF onto other cables connecting to
> the tuner. RF decoupling these cables is potentially more problematic
> than the original issue as RF on the control and power lines even at
> lower levels can cause problems. It also means the chassis cannot be
> grounded per usual station design and code requirements.
>
> I see what the problem is here. Looking at only differential impedance
> (between the feedline conductors) is not sufficient. I was referring
> to common mode impedances (feedline conductors to ground). Those are
> the ones that affect the balun's ability to prevent unwanted ground
> currents. If the differential impedance of the antenna feedline is low
> then most of the current will flow differentially. However since we
> are using a tuner it is likely (at some frequencies) that the
> differential impedance is high. The current will divide per the
> impedances that it sees which are the antenna feedline differential
> and common mode impedances, and the balun common mode impedance. If
> both the differential and the common mode impedance of the feedline
> are high then the balun's common mode impedance will determine the
> unwanted ground current flow. Note that the lowest impedance will get
> more of the current. Having a high differential impedance causes the
> stresses on the balun and the ground current. If the antenna and
> feedline present a low impedance to the tuner the stress on the balun
> is low.
> ....

4018. LDG e-mail off line

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-01-22 20:01:11 UTC
From: Dwayne
Topic: 4018 Message: 4018

Hi Folks,

LDG is having some issues with changes in our e-mail server. So we're without e-mail until further notice.

Hopefully the issue will be resolved soon.

Dwayne Kincaid
LDG

4019. Re: [LDG-auto-tuners] LDG e-mail off line

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-01-22 20:42:54 UTC
From: CT2FZI IM58KR
Topic: 4018 Message: 4019

This is why LDG is far better than everyone else...

When you make your product [and this forum] personal makes me feel proud and confident in owning an LDG product.

I already have 4, so the 5th will be here soon :)

LDG = Loads Darn Good

Luis, CT2FZI

On Fri, Jan 22, 2010 at 8:01 PM, Dwayne <ldgyahoo@...> wrote:

>
>
> Hi Folks,
>
> LDG is having some issues with changes in our e-mail server. So we're
> without e-mail until further notice.
>
> Hopefully the issue will be resolved soon.
>
> Dwayne Kincaid
> LDG
>
>
>

--
73,

Luis CT2FZI

ct2fzi@...
http://www.qsl.net/ct2fzi

[Non-text portions of this message have been removed]

4020. RE: [LDG-auto-tuners] LDG e-mail off line

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-01-23 13:18:10 UTC
From: Bill Nichols
Topic: 4018 Message: 4020

I to have nothing but good to say about LDG. I have some LDG tuners I use at home, in the woods, in my truck and in my trailer, and find them the best investment in radio gear I have ever made.

Great on over the phone help, and fast turnover if you need work on the tuner.

I have not had other auto tuners, but why change when I have people that not only make a great product, but stand behind it like no others.

I have let my friends use a couple of my tuners at different times, and they to were sold on the product.

I like that Luis, LDG= Loads Darn Good.

LDG, keep up the good work.

Bill, N8ZEE

To: LDG-auto-tuners@yahoogroups.com
From: ct2fzi@...
Date: Fri, 22 Jan 2010 20:42:54 +0000
Subject: Re: [LDG-auto-tuners] LDG e-mail off line

This is why LDG is far better than everyone else...

When you make your product [and this forum] personal makes me feel proud and confident in owning an LDG product.

I already have 4, so the 5th will be here soon :)

LDG = Loads Darn Good

Luis, CT2FZI

On Fri, Jan 22, 2010 at 8:01 PM, Dwayne <ldgyahoo@...> wrote:

Hi Folks,

LDG is having some issues with changes in our e-mail server. So we're
without e-mail until further notice.
Hopefully the issue will be resolved soon.
Dwayne Kincaid
LDG

Hotmail: Powerful Free email with security by Microsoft.
http://clk.atdmt.com/GBL/go/196390710/direct/01/

[Non-text portions of this message have been removed]

4021. Re: Alpha testers wanted - Added s/w support for LDG AT200PC tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-01-28 03:56:10 UTC
From: Howard Z
Topic: 3531 Message: 4021

Hi again,

I am moving my software to N3ZH_Software group.
It still supports the LDG AT200PC tuner.
The latest addition is support for the Expert 1KFA amplifier.

It seems to be a bit burdensome to upload new versions to several yahoo groups. So, I will be placing updated versions in this new group.

Howard

4022. at-897 plus

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-01-28 19:01:52 UTC
From: n8mfn
Topic: 4022 Message: 4022

havent been on this group for a while but came acrossed the at-897 plusI have the at-897 tunner and am not happy with it at all in factI use the z-11 pro for my 897 I still like the fact that the897plus connects to the rig makes for portable work easyer Is any one useing the at-897 plus and if so how does it compare to the at897
Thanks
Rick
N8MFN

4023. Re: LDG Z-100 onto a Kenwood TS-480 SAT

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-01-31 07:21:04 UTC
From: sv1bdo
Topic: 3939 Message: 4023

I received the following email from LDG tech support ,when I forwarded them my question:

" We do not know of any way to get a Z-100 to interface to a Kenwood radio. The Z-100 uses ground going signals with the Icom timing protocol. "

--- In LDG-auto-tuners@yahoogroups.com, "sv1bdo" <sv1bdo@...> wrote:
>
> Hi everybody in the group, I bought a used Z-100 (with board V2.3, EPROM Z 2.8) from ebay (US) that autotunes fine with its button, but until now I have not manage to operate it remotely using my Kenwood TS-480 SAT, connecting it to ANT1 as specified.
>
> A) When I connect the TS pin from TS-480SAT to the START pin of the Z-100 and the TT pin to the KEY (center) pin, the Z-100 can still autotunes with its button, but does not respond to the AT button of the rig. Normally the TS-480 should start a tuning cycle with the Z-100 and not with the internal tuner, which should be bypassed.
>
> B) If I reverse the above connection, the red LED lights for aprox. 1 sec (indicating possibly a fault), and neither tunning button on Z-100, nor AT button on 480 works.
>
>
> My questions are:
>
> 1) Is Z-100 100% compatible with Kenwood TS-480 SAT?
>
> 2) If YES, should it work directly, without any modification, connecting pins as described in step (A)?
>
> 3) What are the voltages that I should normally see on the Z-100 side?
> I have measured on TS-480 SAT: TS pin = +5V, TT pin = 0 V
> and on Z-100: START pin = +6.5V (high Z), KEY pin = 0 V.
>
> 4) In my opinion, I suppose that the Z-100 does not return a +5V voltage from its KEY pin to the rig's TT pin for initialization. Can I fix this problem with guidance from LDG tech support?
>
>
> Sotiris, SV1BDO
>

4024. website error message

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-01-31 20:34:06 UTC
From: ZephyrNYC
Topic: 4024 Message: 4024

Since yesterday or the day before, I've been getting the following error message every time I go to the LDG website.

"Bandwidth Limit ExceededThe server is temporarily unable to service your request due to the site owner reaching his/her bandwidth limit. Please try again later. "

73,
Frank

[Non-text portions of this message have been removed]

4025. 6 meters, LDG200PRO and LDG1000PRO

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-01-31 19:39:24 UTC
From: Murf
Topic: 4025 Message: 4025

Hello group,

Wonder if anyone has been using the 200pro and 1000pro on 6 meters?
I have both tuners and love them. Getting antennas up for 6 meters and find that I have some hash on both tuners when powered up. When I power them down all is nice and quite. I am using ANT#2 ports on both tuners. I have not tryed Port 1 yet. Then hash is not to bad.. from s-0 when off to s-3, enuf I cant dig out the weak signals on cw.

Murf
n7uvh

4026. Re: [LDG-auto-tuners] 6 meters, LDG200PRO and LDG1000PRO

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-02-01 05:56:19 UTC
From: Howard Bingham
Topic: 4025 Message: 4026

I have the AT-200Pro, would rather have a gauge than flashing LED's
in my mobile setup with a Yaesu FT-857D..

A front separation panel would even make it better to see while
driving, as it takes up knee space on the passenger side of my pickup
& it's next to impossible to use while driving (Was a bear to install
due to space restrictions, which is how it ended up under the glove
box on the passenger side.).

Howard Bingham
KE5APJ

====================
At 01:39 PM 1/31/2010, you wrote:
>Hello group,
>
>Wonder if anyone has been using the 200pro and 1000pro on 6 meters?
>I have both tuners and love them. Getting antennas up for 6 meters
>and find that I have some hash on both tuners when powered up. When
>I power them down all is nice and quite. I am using ANT#2 ports on
>both tuners. I have not tryed Port 1 yet. Then hash is not to
>bad.. from s-0 when off to s-3, enuf I cant dig out the weak signals on cw.
>
>Murf
>n7uvh

4027. Re: 6 meters, LDG200PRO and LDG1000PRO

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-02-02 13:39:52 UTC
From: Murf
Topic: 4025 Message: 4027

Thanks for that Howard, mainly wondering about noise or hash using the tuners on 6 meters.

--- In LDG-auto-tuners@yahoogroups.com, Howard Bingham <ke5apj@...> wrote:
>
> I have the AT-200Pro, would rather have a gauge than flashing LED's
> in my mobile setup with a Yaesu FT-857D..
>
> A front separation panel would even make it better to see while
> driving, as it takes up knee space on the passenger side of my pickup
> & it's next to impossible to use while driving (Was a bear to install
> due to space restrictions, which is how it ended up under the glove
> box on the passenger side.).
>
> Howard Bingham
> KE5APJ
>
> ====================
> At 01:39 PM 1/31/2010, you wrote:
> >Hello group,
> >
> >Wonder if anyone has been using the 200pro and 1000pro on 6 meters?
> >I have both tuners and love them. Getting antennas up for 6 meters
> >and find that I have some hash on both tuners when powered up. When
> >I power them down all is nice and quite. I am using ANT#2 ports on
> >both tuners. I have not tryed Port 1 yet. Then hash is not to
> >bad.. from s-0 when off to s-3, enuf I cant dig out the weak signals on cw.
> >
> >Murf
> >n7uvh
>

4028. Re: website error message

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-02-02 16:47:22 UTC
From: Dwayne
Topic: 4024 Message: 4028

Thanks for the info Frank,

Yes, we've been working on the LDG web and e-mail system for a couple of weeks. It will probably be another two weeks before it's all back to normal (hopefully).

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, ZephyrNYC <ZephyrNYC@...> wrote:
>
> Since yesterday or the day before, I've been getting the following error
> message every time I go to the LDG website.
>
> "Bandwidth Limit ExceededThe server is temporarily unable to service your
> request due to the site owner reaching his/her bandwidth limit. Please try
> again later. "
>
>
> 73,
> Frank
>
>
> [Non-text portions of this message have been removed]
>

4029. AT-100Pro and Ladder Line

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-02-04 18:07:54 UTC
From: CT2FZI IM58KR
Topic: 4029 Message: 4029

Hello to all,

I am considering in using a full wave loop or a doublet antenna for 80 meters and up.

I also built a 1:1 current balun in order to connect the ladder line to the AT-100Pro via coaxial cable, so only a short peace of 50 ohm coaxial cable will be used.

Should I expect some issues while tuning, or it will be fair and easy?

Luis, CT2FZI

[Non-text portions of this message have been removed]

4030. Re: AT-100Pro and Ladder Line

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-02-05 11:54:22 UTC
From: Ken
Topic: 4029 Message: 4030

Hello Luis,

I run about 10 meters of RG58 coax from my Z11Pro tuner to a balun that is connected to 300 ohm twin lead. I have tried both the LDG 1:1 & 4:1 baluns and both setups have worked well for me.

When the WX here in Canada gets warmer I plan to do more experimenting with the baluns to see if I can find which one preforms the best.

73 . . Ken ☐ VE5KC
http://www.amateur-radio.ca

--- In LDG-auto-tuners@yahoogroups.com, CT2FZI IM58KR <ct2fzi@...> wrote:
>
> Hello to all,
>
> I am considering in using a full wave loop or a doublet antenna for > 80 meters and up.
>
> I also built a 1:1 current balun in order to connect the ladder
> line to the AT-100Pro via coaxial cable, so only a short peace
> of 50 ohm coaxial cable will be used.
>
> Should I expect some issues while tuning, or it will be fair
> and easy?
>
> Luis, CT2FZI
>

4031. Re: [LDG-auto-tuners] Re: AT-100Pro and Ladder Line

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-02-05 11:59:27 UTC
From: CT2FZI IM58KR
Topic: 4029 Message: 4031

Thank you very much for your answer.

In fact I do have the LDG 1:1 balun, I don't know if it is a current or voltage balun.

I am planing to use a 1:1 current/choke balun since it gets better results... It uses a very simple construction: 8 figure wire, 14 turns in a FT240-61 toroid.

I guess it will perform great with my at-100pro ehe :)

And I also would like to be on this side on your experiments ;)

73 de CT2FZI

Luis

On Fri, Feb 5, 2010 at 11:54 AM, Ken <ve5kc@...> wrote:

>
>
> Hello Luis,
>
> I run about 10 meters of RG58 coax from my Z11Pro tuner to a balun that is
> connected to 300 ohm twin lead. I have tried both the LDG 1:1 & 4:1 baluns
> and both setups have worked well for me.
>
> When the WX here in Canada gets warmer I plan to do more experimenting with
> the baluns to see if I can find which one preforms the best.
>
> 73 . . Ken ? VE5KC
> http://www.amateur-radio.ca
>
> --- In LDG-auto-tuners@yahoogroups.com <LDG-auto-tuners%40yahoogroups.com>,
> CT2FZI IM58KR <ct2fzi@...> wrote:
> >
> > Hello to all,
> >
> > I am considering in using a full wave loop or a doublet antenna for > 80
> meters and up.
> >
> > I also built a 1:1 current balun in order to connect the ladder
> > line to the AT-100Pro via coaxial cable, so only a short peace
> > of 50 ohm coaxial cable will be used.
> >
> > Should I expect some issues while tuning, or it will be fair
> > and easy?

> >
> > Luis, CT2FZI
> >
>
>
>

--
73,

Luis CT2FZI

ct2fzi@...
http://www.qsl.net/ct2fzi

[Non-text portions of this message have been removed]

4033. AT-100Pro pass thorugh or bypass feature

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-02-05 22:37:52 UTC
From: dxchaser1
Topic: 4033 Message: 4033

manual sys to just tape the tune button to put the unit into bypass mode. Are there any lights to confirm that the unit is in bypass. If I tap the tune button and then key the rig, the pro starts to tune. Am I to take the unit out of auto tune first. Please explain how this feature works.

4034. At-200 Pro control cable to Yaesu FT-857D

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-02-06 09:39:35 UTC
From: txarphouston
Topic: 4034 Message: 4034

Is there any way to lengthen the control cable..?

The length of the supplied control cable is not adequate to make it between where I have my tuner & the radio in my mobile installation that has the Yaesu FT-857D under the dash on the driver side (as far to the right as possible without becoming a knuckle knocker with gear shift in my Chevrolet pickup.), the tuner is relegated to the passenger side of the dash, easily 1 ft. away & due to the size & depth of the tuner, is a TIGHT fit for connections on the back of the tuner, without being a knee knocker for those in passenger seat.. (Coax connections are made with right angle adapters to make it easier to install.)

Howard Bingham
KE5APJ

4035. AT-100Pro malfunction

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-02-06 16:05:57 UTC
From: CT2FZI IM58KR
Topic: 4035 Message: 4035

Hello to all,

After making 2 tuning cycles my AT-100Pro stopped working.

Then I unpluged the power cord and connected it again and then all the leds turned on for 3 or 4 seconds, and then nothing.

No function, no antenna selection, nada.

I also tried a reset like in the manual, its the same.

What could it be?

Luis, CT2FZI

[Non-text portions of this message have been removed]

4036. Question about z 100 plus and random wire antenna

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-02-06 22:01:21 UTC
From: thomas c
Topic: 4036 Message: 4036

Hello All,
I am space limited in my location here and all I can put up is a random wire antenna.
I tried a g5rv and had poor results as I couldn't get it up high enough.
I purchased an LDG 4 to 1 balun as I thought it would be needed with a random wire antenna.
I have heard differing opinions as to 1 to 1 balun,4 to 1 balun,no balun,just use a banana plug on the coax output with a good ground AND COUNTERPOISE.
I have also been told the auto tuners aren't good for random wire antennas,that I would need a manual tuner with an inductor and a good capacitor to withstand arcing.
i also seem to remember a length of around 70 feet as being optiman.
Any suggestions would be most welcome.
To complicate matters my shack is on the second floor.
Thanks in advance for any and all replies.
KB4CJD
Thomas

4037. RE: [LDG-auto-tuners] At-200 Pro control cable to Yaesu FT-857D

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-02-06 12:07:17 UTC
From: Ted Wrobel
Topic: 4034 Message: 4037

Hi Howard,

You can make a new cable. You need to know how the connections are crossed.
It is a two wire cable.

The barrel of each connector is connected. The ring of the red radio plug is
connected to the tip of the black radio plug.

An alternative is to simply use (or make) a straight-thru extension cable.

If you send me your email I can send you a PDF file that describes it well.

W1GRI@...

73
Ted
W1GRI

From: LDG-auto-tuners@yahoogroups.com
[mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of txarphouston
Sent: Saturday, February 06, 2010 04:40
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] At-200 Pro control cable to Yaesu FT-857D

Is there any way to lengthen the control cable..?

The length of the supplied control cable is not adequate to make it between
where I have my tuner & the radio in my mobile installation that has the
Yaesu FT-857D under the dash on the driver side (as far to the right as
possible without becoming a knuckle knocker with gear shift in my Chevrolet
pickup.), the tuner is relegated to the passenger side of the dash, easily 1
ft. away & due to the size & depth of the tuner, is a TIGHT fit for
connections on the back of the tuner, without being a knee knocker for those
in passenger seat.. (Coax connections are made with right angle adapters to
make it easier to install.)

Howard Bingham
KE5APJ

[Non-text portions of this message have been removed]

4038. Re: Question about z 100 plus and random wire antenna

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-02-07 15:37:12 UTC
From: w_r_adams1
Topic: 4036 Message: 4038

I'm no expert but reading L. B. Cebik's FDIM 10 presentation
"Straightening Out the Inverted-L" leads me to:

* Use a length of 85 to 90 feet for the radiator, as high as possible
(ideally configured as either a 50% vertical and 50% horizontal inverted
L or as a sloper)
* Base feed at the ground level with an ATU - Cebik's article has
suggestions on the physical arrangement
* Use 16 15 foot long radials to 32 69 foot long radial wires
symetrically distributed at the feed point / the more you have, the
longer they should be for best performance!
* For 80 through 10 meters, excluding 60 meters, input impedance will
range from 70+220 to 660-460, suggesting that a 4:1 unun, with the
ability to be switched in or out of the circuit, would bring the antenna
within the 10:1 range of the AT100.
* 160 and 60 meters require a different treatment, perhaps a separate
wire length connected to the antenna 2 port. Too complex for me!

Of course local conditions and the installation configuration have an
impact on the as-built performance. In the end, we have to try it and
see! My conclusions are a simplification of SK W4RNL's paper and any
errors introduced in this short commentary are mine.

Bill AF4B

--- In LDG-auto-tuners@yahoogroups.com, "thomas c" <tclay2539@...>
wrote:
>
> Hello All,
> I am space limited in my location here and all I can put up is a
random wire antenna.
> I tried a g5rv and had poor results as I couldn't get it up high
enough.
> I purchased an LDG 4 to 1 balun as I thought it would be needed with a
random wire antenna.
> I have heard differing opinions as to 1 to 1 balun,4 to 1 balun,no
balun,just use a banana plug on the coax output with a good ground AND
COUNTERPOISE.
> I have also been told the auto tuners aren't good for random wire
antennas,that I would need a manual tuner with an inductor and a good
capacitor to withstand arcing.
> i also seem to remember a length of around 70 feet as being optiman.
> Any suggestions would be most welcome.
> To complicate matters my shack is on the second floor.
> Thanks in advance for any and all replies.
> KB4CJD

> Thomas
>

[Non-text portions of this message have been removed]

4039. Re: AT-100Pro pass thorugh or bypass feature

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-02-07 17:32:49 UTC
From: Dwayne
Topic: 4033 Message: 4039

Hello DXchaser,

Page 14 of the manual talks about the bypass mode. After a tune, press once for bypass and press again for restore.

Auto mode takes priority. So if you bypass, then transmit and the SWR is over the set level, it will tune because it's in Auto mode. To keep the tuner from retuning, turn Auto mode off (page 11 in the manual).

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "dxchaser1" <dxchaser1@...> wrote:
>
> manual sys to just tape the tune button to put the unit into bypass mode. Are there any lights to confirm that the unit is in bypass. If I tap the tune button and then key the rig, the pro starts to tune. Am I to take the unit out of auto tune first. Please explain how this feature works.
>

4040. Re: [LDG-auto-tuners] Re: AT-100Pro pass thorugh or bypass feature

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-02-07 18:15:05 UTC
From: CT2FZI IM58KR
Topic: 4033 Message: 4040

Hello,

How are you doing?

Dwaine, could you please be kind enough to give me a hint?

My AT-100Pro is acting very strange:

When I power it up it will light all the leds from the left to the right and then all of the leds are on for 3 seconds.

After that they will turn off and no operation is possible.

Choosing the antenna, choosing the treshold, I just can't do anything...

I have tried to make the reset and checked the power and voltage before turning it on...

Nothing.

I think I have made something not good to my AT-100Pro: while trying to connect to the back of the radio the power cord, the plug touched the "radio" socket and I guess there was some kind of discharge.

Since that moment the tuner is acting like the description above.

Luis, CT2FZI

[Non-text portions of this message have been removed]

4041. Re: AT-100Pro pass thorugh or bypass feature

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-02-07 19:47:56 UTC
From: Dwayne
Topic: 4033 Message: 4041

Hi Luis,

It's hard to say what has happened, but something has been damaged. Too late to say now, but always, always turn off the radio and power supply when making changes to connections. This is especially true if it involved DC power or an interface.

It may be something as easy as the microprocessor, or it could be something more on the PC board. There is no way to really tell without seeing the unit in our shop.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, CT2FZI IM58KR <ct2fzi@...> wrote:
>
> Hello,
>
> How are you doing?
>
> Dwaine, could you please be kind enough to give me a hint?
>
> My AT-100Pro is acting very strange:
>
> When I power it up it will light all the leds from the left to the right and
> then all of the leds are on for 3 seconds.
>
> After that they will turn off and no operation is possible.
>
> Choosing the antenna, choosing the treshold, I just can't do anything...
>
> I have tried to make the reset and checked the power and voltage before
> turning it on...
>
> Nothing.
>
> I think I have made something not good to my AT-100Pro: while trying to
> connect to the back of the radio the power cord, the plug touched the
> "radio" socket and I guess there was some kind of discharge.
>
> Since that moment the tuner is acting like the description above.
>
> Luis, CT2FZI
>
>
> [Non-text portions of this message have been removed]
>

4042. Re: [LDG-auto-tuners] Re: AT-100Pro pass thorugh or bypass feature

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-02-07 20:02:31 UTC
From: CT2FZI IM58KR
Topic: 4033 Message: 4042

Thank you for your message Mr Dwayne.

Is this the right place to ask you how to send it to the LDG shop for repair?

Of course you are right, never plug anything with the power supply already on...

Luis, CT2FZI

On Sun, Feb 7, 2010 at 7:47 PM, Dwayne <ldgyahoo@...> wrote:

>
>
> Hi Luis,
>
> It's hard to say what has happened, but something has been damaged. Too
> late to say now, but always, always turn off the radio and power supply when
> making changes to connections. This is especially true if it involved DC
> power or an interface.
>
> It may be something as easy as the microprocessor, or it could be something
> more on the PC board. There is no way to really tell without seeing the unit
> in our shop.
>
> Dwayne Kincaid
> LDG
>
>
> --- In LDG-auto-tuners@yahoogroups.com <LDG-auto-tuners%40yahoogroups.com>,
> CT2FZI IM58KR <ct2fzi@...> wrote:
> >
> > Hello,
> >
> > How are you doing?
> >
> > Dwaine, could you please be kind enough to give me a hint?
> >
> > My AT-100Pro is acting very strange:
> >
> > When I power it up it will light all the leds from the left to the right
> and
> > then all of the leds are on for 3 seconds.
> >
> > After that they will turn off and no operation is possible.
> >

> > Choosing the antenna, choosing the treshold, I just can't do anything...
> >
> > I have tried to make the reset and checked the power and voltage before
> > turning it on...
> >
> > Nothing.
> >
> > I think I have made something not good to my AT-100Pro: while trying to
> > connect to the back of the radio the power cord, the plug touched the
> > "radio" socket and I guess there was some kind of discharge.
> >
> > Since that moment the tuner is acting like the description above.
> >
> > Luis, CT2FZI
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>
>

--
73,

Luis CT2FZI

ct2fzi@...
http://www.qsl.net/ct2fzi

[Non-text portions of this message have been removed]

4043. Re: [LDG-auto-tuners] Question about z 100 plus and random wire antenna

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-02-07 20:02:31 UTC
From: Dan Thayer
Topic: 4036 Message: 4043

A while back, I had a 2nd floor shack in a condo. I ran an LDG tuner to a 4:1 LDG balun fastened to the exterior window casing.

The antenna was around 65 feet long. That's in the neighborhood of a 1/4 wavelength on 80, a 3/8s on 60, a 1/2 on 40, a full wave on 20, and 1-1/4 wave on 17. Ideally, you want odd multiples of a 1/4 wave

I had anticipated that tuning 40 meters would be a problem, as 65 feet is an approximate 1/2 wave on 40 meters, but the tuner handled it just fine.

I made a 1/4 wave counterpoise for each band, 80-10 meters, and attached their common end to the GND side of the balun. The counterpoise ran vertically from the balun down the side of the house, to a point about a foot or so above ground, and then was run around the foundation perimeter, supported off the ground by the foundation plants. (Be sure to insulate the ends of each counterpoise).

Initially there was a lot of RF on the short run of coax between the tuner and the balun, but I made a coil of several turns of the coax where it came through the window, and this was enough of a choke to end the problem.

The tuner would tune all bands, but was not really happy with 15-12-10 meters. It did work well on 80, 60, 40, 20 and 17 , considering.

It was far from the best antenna, but it allowed me to operate HF in an "antenna prohibited" environment.

I was never too worried about WHY it worked. I just know that it did.

Dan, W1CDT
Somers, CT

----- Original Message -----
From: "thomas c" <tclay2539@...>
To: <LDG-auto-tuners@yahoogroups.com>
Sent: Saturday, February 06, 2010 5:01 PM
Subject: [LDG-auto-tuners] Question about z 100 plus and random wire antenna

Hello All,
I am space limited in my location here and all I can put up is a random wire antenna.
I tried a g5rv and had poor results as I couldn't get it up high enough.
I purchased an LDG 4 to 1 balun as I thought it would be needed with

a random wire antenna.
I have heard differing opinions as to 1 to 1 balun,4 to 1 balun,no balun,just use a banana plug on the coax output with a good ground AND COUNTERPOISE.
I have also been told the auto tuners aren't good for random wire antennas,that I would need a manual tuner with an inductor and a good capacitor to withstand arcing.
i also seem to remember a length of around 70 feet as being optiman.
Any suggestions would be most welcome.
To complicate matters my shack is on the second floor.
Thanks in advance for any and all replies.
KB4CJD
Thomas

4044. Re: AT-100Pro pass thorugh or bypass feature

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-02-08 00:51:40 UTC
From: Dwayne
Topic: 4033 Message: 4044

Hello Luis,

The return info is easily available on our web site. From the main page, click Support on the left side. Then click Tech Support in the middle. Just follow the easy steps to return your unit.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, CT2FZI IM58KR <ct2fzi@...> wrote:
>
> Thank you for your message Mr Dwayne.
>
> Is this the right place to ask you how to send it to the LDG shop for
> repair?
>
> Of course you are right, never plug anything with the power supply already
> on...
>
> Luis, CT2FZI
>
> On Sun, Feb 7, 2010 at 7:47 PM, Dwayne <ldgyahoo@...> wrote:
>
> > >
> > >
> > > Hi Luis,
> > >
> > > It's hard to say what has happened, but something has been damaged. Too
> > > late to say now, but always, always turn off the radio and power supply when
> > > making changes to connections. This is especially true if it involved DC
> > > power or an interface.
> > >
> > > It may be something as easy as the microprocessor, or it could be something
> > > more on the PC board. There is no way to really tell without seeing the unit
> > > in our shop.
> > >
> > > Dwayne Kincaid
> > > LDG
> > >
> > >
> > > --- In LDG-auto-tuners@yahoogroups.com <LDG-auto-tuners%40yahoogroups.com>,
> > > CT2FZI IM58KR <ct2fzi@> wrote:
> > > >
> > > > Hello,
> > > >
> > > > How are you doing?

> > >
> > > Dwaine, could you please be kind enough to give me a hint?
> > >
> > > My AT-100Pro is acting very strange:
> > >
> > > When I power it up it will light all the leds from the left to the right
> > and
> > > then all of the leds are on for 3 seconds.
> > >
> > > After that they will turn off and no operation is possible.
> > >
> > > Choosing the antenna, choosing the treshold, I just can't do anything...
> > >
> > > I have tried to make the reset and checked the power and voltage before
> > > turning it on...
> > >
> > > Nothing.
> > >
> > > I think I have made something not good to my AT-100Pro: while trying to
> > > connect to the back of the radio the power cord, the plug touched the
> > > "radio" socket and I guess there was some kind of discharge.
> > >
> > > Since that moment the tuner is acting like the description above.
> > >
> > > Luis, CT2FZI
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> >
> >
> >
>
>
>
> --
> 73,
>
> Luis CT2FZI
>
> ct2fzi@...
> http://www.qsl.net/ct2fzi
>
>
> [Non-text portions of this message have been removed]
>

4045. Re: [LDG-auto-tuners] Re: AT-100Pro pass thorugh or bypass feature

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-02-08 04:40:38 UTC
From: SATYAN VU3MES
Topic: 4033 Message: 4045

Hello Dwayane Kincaid

good morning from India, ?I had purchased an LDG Z11pro from W4RT in the month of August 2009. i had got the battery pack installed and was using it with 6 AA size batteries. it was functioning well and I was using it mainly on the 40 mtr band using a dipole antenna. of late i have noticed that i cant hear any relay clicking noise while i go up and down the bands. i checked on the other bands also and it is the same case. usually if i use this antenna on the other bands i used to hear the relays chattering and the turner tuning up. my rig is a yaesu ft857d and as far as 40 mtrs are concerned for which the antenna is connected now there is no speck of swr seen. of course on the other bands there is high swr but juz cant hear the relays working when i press the ptt and talk. the tuner is not in?bye-pass?mode also.

any ideas please, your help will be appreciated.

73s de VU3MES
chennai - india - qth location website.
http://www.findu.com/cgi-bin/find.cgi?call=vu3mes
http://www.qrz.com/callsign/vu3mes
http://www.satyansarath.param.mobi [mobile web page]

*
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[Non-text portions of this message have been removed]

4046. Re: Website

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-02-09 00:03:32 UTC
From: Dwayne
Topic: 4024 Message: 4046

Hurray! It looks like we finally got the web site re-hosted and the e-mails all pointing in the right directions.

This week, we also added the final installment to the AT-200Pro instructional videos.

One other change is that we finally turned off the old LDG Help Desk.

There will be some more updates later this week.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
> Thanks for the info Frank,
>
> Yes, we've been working on the LDG web and e-mail system for a couple of weeks. It will probably be another two weeks before it's all back to normal (hopefully).
>
> Dwayne Kincaid
> LDG
>
>
>
> --- In LDG-auto-tuners@yahoogroups.com, ZephyrNYC <ZephyrNYC@> wrote:
> >
> > Since yesterday or the day before, I've been getting the following error
> > message every time I go to the LDG website.
> >
> > "Bandwidth Limit ExceededThe server is temporarily unable to service your
> > request due to the site owner reaching his/her bandwidth limit. Please try
> > again later. "
> >
> >
> > 73,
> > Frank
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

4047. Re: [LDG-auto-tuners] Re: Website

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-02-09 09:00:28 UTC
From: Howard Bingham
Topic: 4024 Message: 4047

Suggestion:

The news is good, but would even be better if a link to the added or
enhanced features were included, to benefit those who do not
regularly update bookmarks.

Howard Bingham

==========

At 06:03 PM 2/8/2010, you wrote:
>Hurray! It looks like we finally got the web site re-hosted and the
>e-mails all pointing in the right directions.
>
>This week, we also added the final installment to the AT-200Pro
>instructional videos.
>
>One other change is that we finally turned off the old LDG Help Desk.
>
>There will be some more updates later this week.
>
>Dwayne Kincaid
>LDG
>
>--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
> >
> > Thanks for the info Frank,
> >
> > Yes, we've been working on the LDG web and e-mail system for a
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> > LDG
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> > > Since yesterday or the day before, I've been getting the following error
> > > message every time I go to the LDG website.
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> > > "Bandwidth Limit ExceededThe server is temporarily unable to service your
> > > request due to the site owner reaching his/her bandwidth limit.
> Please try
> > > again later. "

> > >
> > >
> > > 73,
> > > Frank
> > >
--

[Non-text portions of this message have been removed]

4048. LDG AT-200 PC - on eBay

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-02-10 09:41:03 UTC
From: Ken
Topic: 4048 Message: 4048

Anyone looking for a LDG AT-200 PC? One has just been listed on eBay. It says New - CLOSEOUT SPECIAL.

http://cgi.ebay.ca/LDG-AT-200-PC-Autotuner-PC-controlled_W0QQitemZ110492771252QQcmdZViewItemQQptZLH_DefaultDomain_0?hash=item19b9e1e3b4

I have nothing to do with the seller and can't vouch for them. Just passing the info along for anyone interested.

73 - Ken - VE5KC
http://amateur-radio.ca

4050. Re: LDG AT-200 PC - on eBay

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-02-11 03:13:39 UTC
From: Howard Z
Topic: 4048 Message: 4050

Ha!

http://www.w4rt.com/ has it for less money, plus less shipping.

Howard

--- In LDG-auto-tuners@yahoogroups.com, "Ken" <ve5kc@...> wrote:
>
> Anyone looking for a LDG AT-200 PC? One has just been listed on eBay. It says New - CLOSEOUT SPECIAL.
>
> http://cgi.ebay.ca/LDG-AT-200-PC-Autotuner-PC-controlled_W0QQitemZ110492771252QQcmdZViewItemQQptZLH_DefaultDomain_0?hash=item19b9e1e3b4
>
> I have nothing to do with the seller and can't vouch for them. Just passing the info along for anyone interested.
>
> 73 - Ken - VE5KC
> http://amateur-radio.ca
>

4051. AT-11MP

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-02-11 02:29:50 UTC
From: k8yzk
Topic: 1557 Message: 4051

I just received a used AT-11MP, how can I tell if it has the updated chip in it. i.e. number on the chip or another way?

Thanks and 73
Kurt

4052. Re: [LDG-auto-tuners] AT-11MP

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-02-11 18:44:42 UTC
From: Jim
Topic: 1557 Message: 4052

k8yzk wrote:
> I just received a used AT-11MP, how can I tell if it has the updated chip in it. i.e. number on the chip or another way?
>
> Thanks and 73
> Kurt
>
>
>
1.6 appears to be the latest. It should be written on a label on the processor. 1.6 added 200 memories and is well worth the few bucks to purchase. It's about 4 years old now.

Jim.

4053. Re: [LDG-auto-tuners] AT-11MP

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-02-11 18:48:55 UTC
From: Kurt Tuttle
Topic: 1557 Message: 4053

Thanks Jim, I will have to check it out.

Kurt

--- On Thu, 2/11/10, Jim <k4gvo@...> wrote:

From: Jim <k4gvo@...>
Subject: Re: [LDG-auto-tuners] AT-11MP
To: LDG-auto-tuners@yahoogroups.com
Date: Thursday, February 11, 2010, 1:44 PM

k8yzk wrote:
> I just received a used AT-11MP, how can I tell if it has the updated chip in it. i.e. number on the chip or another way?
>
> Thanks and 73
> Kurt
>
>
>
1.6 appears to be the latest. It should be written on a label on the processor. 1.6 added 200 memories and is well worth the few bucks to purchase. It's about 4 years old now.

Jim.

[Non-text portions of this message have been removed]

4054. IT-100 Autotuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-02-11 23:00:49 UTC
From: n3ihm
Topic: 4054 Message: 4054

I have a it-100 for my Icom,now can this tuner be modified to work like the Z-100Plus which will work on the YAESU 897d I realy don't want to get a new tuner for the ft-897d

Bret

My call has changed to W3GRV so the from has my old call N3IHM

4055. Powering a Z-11 by 9v Battery?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-02-12 20:20:39 UTC
From: w2wp_dx
Topic: 4055 Message: 4055

Looking to pick up the Z-11 & W4RT One Touch Tune cable. I see this can be powered by (2) 9v batteries yet I see no place where the physically would go on/in the tuner.?.

Inquiring minds want to know!
73,
Mark / W2WP

4056. RE: [LDG-auto-tuners] Powering a Z-11 by 9v Battery?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-02-13 03:07:52 UTC
From: Bill Nichols
Topic: 4055 Message: 4056

I have AAs in mine Mark. You can get the holder at Radio Shack.

And at the LDG web site, they tell you how to install it.

Bill

N8ZEE

To: LDG-auto-tuners@yahoogroups.com
From: w2wp@...
Date: Fri, 12 Feb 2010 20:20:39 +0000
Subject: [LDG-auto-tuners] Powering a Z-11 by 9v Battery?

Looking to pick up the Z-11 & W4RT One Touch Tune cable. I see this can be powered by (2) 9v batteries yet I see no place where the physically would go on/in the tuner.?.

Inquiring minds want to know!
73,
Mark / W2WP

_____
Your E-mail and More On-the-Go. Get Windows Live Hotmail Free.
http://clk.atdmt.com/GBL/go/201469229/direct/01/

[Non-text portions of this message have been removed]

4057. RE: [LDG-auto-tuners] Powering a Z-11 by 9v Battery?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-02-13 10:45:12 UTC
From: n8mfn@fuse.net
Topic: 4055 Message: 4057

--
Is this the z-11 with the toggle switches or the z-11pro ?
Rick N8MFN

-- Bill Nichols <n8zee@...> wrote:
>
> I have AAs in mine Mark. You can get the holder at Radio Shack.
>
> And at the LDG web site, they tell you how to install it.
>
>
>
> Bill
>
> N8ZEE
>
>
>
> To: LDG-auto-tuners@yahoogroups.com
> From: w2wp@...
> Date: Fri, 12 Feb 2010 20:20:39 +0000
> Subject: [LDG-auto-tuners] Powering a Z-11 by 9v Battery?
>
>
>
>
>
> Looking to pick up the Z-11 & W4RT One Touch Tune cable. I see this can be powered by (2) 9v batteries yet I see no place where the physically would go on/in the tuner.?.
>
> Inquiring minds want to know!
> 73,
> Mark / W2WP
>
>
>
>
> _____
> Your E-mail and More On-the-Go. Get Windows Live Hotmail Free.
> http://clk.atdmt.com/GBL/go/201469229/direct/01/
>
> [Non-text portions of this message have been removed]
>

4058. RE: [LDG-auto-tuners] Powering a Z-11 by 9v Battery?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-02-13 14:28:20 UTC
From: Bill Nichols
Topic: 4055 Message: 4058

The Z-11 Pro. I also have a couple Z-100s with the same battery setup. Before they came out with the Z-817 I used the Z-100s.

Am totaly sold on the LDG product, and the Tech over the phone help.

One Z-100 came with the battery setup from W4RT, try out his site.

Bill

N8ZEE

To: LDG-auto-tuners@yahoogroups.com
CC: n8zee@...
From: n8mfn@...
Date: Sat, 13 Feb 2010 05:45:12 -0500
Subject: RE: [LDG-auto-tuners] Powering a Z-11 by 9v Battery?

--
Is this the z-11 with the toggle switches or the z-11pro ?
Rick N8MFN

-- Bill Nichols <n8zee@...> wrote:
>
> I have AAs in mine Mark. You can get the holder at Radio Shack.
>
> And at the LDG web site, they tell you how to install it.
>
>
>
> Bill
>
> N8ZEE

_____
Hotmail: Trusted email with Microsoft?s powerful SPAM protection.
http://clk.atdmt.com/GBL/go/201469226/direct/01/

[Non-text portions of this message have been removed]

4059. Re: IT-100 Autotuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-02-13 23:18:10 UTC
From: Dwayne
Topic: 4054 Message: 4059

Bret,

It's possible that the IT-100 could be modified to use an external push button to start the tuning. However, we've never done it, so there is nothing wrote up on it.

The IT-100 manual has a diagram of the pinout and it follows the AH-4 protocol. So all the info is there if you want to try it.

If you are not an experience technician, I would not recommend trying it. If you know your way around diagrams, protocols and soldering irons, go for it!

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "n3ihm" <bsin@...> wrote:
>
> I have a it-100 for my Icom,now can this tuner be modified to work like the Z-100Plus which will work on the YAESU 897d I realy don't want to get a new tuner for the ft-897d
>
> Bret
>
> My call has changed to W3GRV so the from has my old call N3IHM
>

4060. AT-200 Pro won't tune mobile antenna.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-02-14 04:14:26 UTC
From: txarphouston
Topic: 4060 Message: 4060

I've tried everything shy of sending it back to the factory.

Saturday afternoon took all coax & connections loose from my FT-857D & systematically re-connected coax & tuner connection cable to the Yaesu, still yield SWR higher than 3.0 to 1.. !

Step 2: Disconnected tuner, wired a mag-mount whip to radio & almost made a mobile contact to Albuquerque, New Mexico on a 10 meter mag-mount whip..

All coax connections have been double checked & DO have ground straps between radio & pickup chassis, tuner & pickup chassis & base of antenna mount to chassis..

Monday will pull the tuner & check in the shack of a friend with base station to see if the tuner reacts differently on another radio & antenna system..

Radio: Yaesu FT856D
Antenna: MFJ-1456 with NMO base (Similar to Larson TMB-34).
Duplexor: MFJ-916B

Have also substituted the MFJ-1456 antenna with a Diamond SGM911 with same results tuning on 6m..

Howard Bingham
KE5APJ

4061. LDG 200 Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-02-16 00:20:24 UTC
From: piercebday
Topic: 4061 Message: 4061

Has anyone come up with an idea for modifyingthe 200 PRO so that it will indicate which antenna output has been selected? I'm wearing out the selector buttonswitching back and forth to see which antenna was selected (short-term memory problem, they say)
Pierce W4ZDI

[Non-text portions of this message have been removed]

4062. auto tuner for 857D

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-02-16 15:32:29 UTC
From: ZephyrNYC
Topic: 4062 Message: 4062

Greetings,

What is the best auto tuner for the Yaesu 857D? And why? I plan on using mine approximately 50% from home via stealth wire or fishing pole antenna on a 7th floor roof, 49% pedestrian mobile via fishing pole or other portable antenna, and eventually 1% vehicular mobile. So far i like the specs of the Z11 Pro and the SGC SG-237. Thanks.

73,
Frank

--
February 2010 is Heart Disease Awareness Month. http://bit.ly/ceAY2a

Have you seen the secret codes on facebook? http://bit.ly/aYSO5I

If you have Twitter, please Tweet this:

Pls RT- Today begins Heart Disease Awareness Month. http://bit.ly/ceAY2a
Have you seen secret codes on facebook? http://bit.ly/aYSO5I

4063. Re: [LDG-auto-tuners] auto tuner for 857D

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-02-17 03:33:44 UTC
From: SATYAN VU3MES
Topic: 4062 Message: 4063

hello Frank

you will not be disappointed with both tuners. i had sg 230 and z11pro
and both work beautifully for me. i prefer the z11pro for its compactness
and ability to work with AA size batteries installed which lasts for a
long time. in case you are mainly using antennas with coaxial feeders ldg
tuners are the best in the business.

73s de VU3MES
chennai - india - qth location website.
http://www.findu.com/cgi-bin/find.cgi?call=vu3mes
http://www.qrz.com/callsign/vu3mes
http://www.satyansarath.param.mobi [mobile web page]

----- Original message -----
From: ZephyrNYC <ZephyrNYC@gmail.com>
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] auto tuner for 857D
Date: Tue, 16 Feb 2010 10:32:29 -0500

?

Greetings,

What is the best auto tuner for the Yaesu 857D? And why? I plan on
using mine approximately 50% from home via stealth wire or fishing
pole antenna on a 7th floor roof, 49% pedestrian mobile via fishing
pole or other portable antenna, and eventually 1% vehicular mobile.
So
far i like the specs of the Z11 Pro and the SGC SG-237. Thanks.

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Ovi Mail: Being used in over 200 countries
http://mail.ovi.com

[Non-text portions of this message have been removed]

4064. Re: [LDG-auto-tuners] auto tuner for 857D

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-02-17 03:44:42 UTC
From: ZephyrNYC
Topic: 4062 Message: 4064

Satyan,

How long does your 230 typically last? How do you power your SG-230? Through the coax? Is that how I would power an SG-237? Are SGCs better for balanced line?

What about the LDG AT-100 Pro II? Will this be good for portable use? Or was it designed mainly for desktop use? Thanks.

73,
Frank

On Tue, Feb 16, 2010 at 22:33, SATYAN VU3MES <satyansarath40@ovi.com> wrote:

>
>
> hello Frank
>
> you will not be disappointed with both tuners. i had sg 230 and z11pro
> and both work beautifully for me. i prefer the z11pro for its compactness
> and ability to work with AA size batteries installed which lasts for a
> long time. in case you are mainly using antennas with coaxial feeders ldg
> tuners are the best in the business.
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> 73s de VU3MES
> chennai - india - qth location website.
> http://www.findu.com/cgi-bin/find.cgi?call=vu3mes
> http://www.qrz.com/callsign/vu3mes
> http://www.satyansarath.param.mobi [mobile web page]
>
>
> ----- Original message -----
> From: ZephyrNYC <ZephyrNYC@... <ZephyrNYC%40gmail.com>>
> To: LDG-auto-tuners@yahoogroups.com <LDG-auto-tuners%40yahoogroups.com>
> Subject: [LDG-auto-tuners] auto tuner for 857D
> Date: Tue, 16 Feb 2010 10:32:29 -0500
>
>
>
> Greetings,
>
> What is the best auto tuner for the Yaesu 857D? And why? I plan on
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> pole or other portable antenna, and eventually 1% vehicular mobile.
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>
> --
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> http://mail.ovi.com
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

4065. Re: [LDG-auto-tuners] auto tuner for 857D

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-02-17 08:05:34 UTC
From: SATYAN VU3MES
Topic: 4062 Message: 4065

?Hello Frank

i am replying directly to your gmail.

73s de VU3MES
chennai - india - qth location website.
http://www.findu.com/cgi-bin/find.cgi?call=vu3mes
http://www.qrz.com/callsign/vu3mes
http://www.satyansarath.param.mobi [mobile web page]

----- Original message -----
From: ZephyrNYC <ZephyrNYC@...>
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] auto tuner for 857D
Date: Tue, 16 Feb 2010 22:44:42 -0500

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Through the coax? Is that how I would power an SG-237? Are SGCs
better
for balanced line?

What about the LDG AT-100 Pro II? Will this be good for portable use?
Or
was it designed mainly for desktop use? Thanks.

73,
Frank

On Tue, Feb 16, 2010 at 22:33, SATYAN VU3MES <satyansarath40@...>
wrote:

>
>
> hello Frank
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> you will not be disappointed with both tuners. i had sg 230 and
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> and ability to work with AA size batteries installed which lasts
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> long time. in case you are mainly using antennas with coaxial
feeders ldg

> tuners are the best in the business.
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> chennai - india - qth location website.
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> http://www.satyansarath.param.mobi [mobile web page]
>
>
> ----- Original message -----
> From: ZephyrNYC <ZephyrNYC@... <ZephyrNYC%40gmail.com>>
> To: LDG-auto-tuners@yahoogroups.com
<LDG-auto-tuners%40yahoogroups.com>
> Subject: [LDG-auto-tuners] auto tuner for 857D
> Date: Tue, 16 Feb 2010 10:32:29 -0500
>
>
>
> Greetings,
>
> What is the best auto tuner for the Yaesu 857D? And why? I plan on
> using mine approximately 50% from home via stealth wire or fishing
> pole antenna on a 7th floor roof, 49% pedestrian mobile via fishing
> pole or other portable antenna, and eventually 1% vehicular mobile.
> So
> far i like the specs of the Z11 Pro and the SGC SG-237. Thanks.
>
> 73,
> Frank
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http://bit.ly/ceAY2a
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>
> Pls RT- Today begins Heart Disease Awareness Month.
> http://bit.ly/ceAY2a
> Have you seen secret codes on facebook? http://bit.ly/aYSO5I
>
> --
> Ovi Mail: Being used in over 200 countries
> http://mail.ovi.com
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

Ovi Mail: Create an account directly from your phone
http://mail.ovi.com

[Non-text portions of this message have been removed]

4066. Re: LDG 200 Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-02-17 20:55:04 UTC
From: Dwayne
Topic: 4061 Message: 4066

Pierce,

We've never see a mod that continually shows the antenna selection, but sounds like it would not be very hard to do. One side of the relay is tied to +12 and the other is switched to ground when activated.

An LED tied to +12 and the other tied to the switched side of the relay through a resistor should come on when the relay is energized.

You'd have to drill a hole for the LED to go on the front panel. May have to use shielded wire and a bypass cap to keep it from lighting up when there is RF.

Sounds like a good project.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "piercebday" <pierceday@...> wrote:
>
> Has anyone come up with an idea for modifyingthe 200 PRO so that it will
> indicate which antenna output has been selected? I'm wearing out
> the selector buttonswitching back and forth to see which antenna was
> selected (short-term memory problem, they say)
> Pierce W4ZDI
>
>
> [Non-text portions of this message have been removed]
>

4067. RE: [LDG-auto-tuners] At-200 Pro control cable to Yaesu FT-857D

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-02-18 07:20:25 UTC
From: Howard Bingham
Topic: 4034 Message: 4067

It appears the cable lengthening & replacing jumper cables between
the radio & tuner have not solved some issues I'm having with the
tuner, so will be sending the tuner in for service ASAP..

After installing a new antenna & checking grounding of radio, tuner &
antenna base, the tuner won't tune any of my antennas & consistently
results in SWR readings higher than 3.0 to 1, however running the
antenna coax to the radio directly (Tuner disconnected & jumper's
removed between the radio & tuner), the radio works like gangbusters
with a borrowed 10M mag mount as a _temporary_ measure, while my
other antennas are disconnected waiting the tuners return....

73

Howard Bingham
KE5APJ

At 06:07 AM 2/6/2010, Ted Wrobel wrote:
>Hi Howard,
>
>You can make a new cable. You need to know how the connections are crossed.
>It is a two wire cable.
>
>The barrel of each connector is connected. The ring of the red radio plug is
>connected to the tip of the black radio plug.
>
>An alternative is to simply use (or make) a straight-thru extension cable.
>
>If you send me your email I can send you a PDF file that describes it well.
>
>W1GRI@...
>
>73
>Ted
>W1GRI
--

[Non-text portions of this message have been removed]

4068. Control cable for Yaesu FT-857D / AT-100Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-02-18 09:42:26 UTC
From: CT2FZI IM58KR
Topic: 4068 Message: 4068

Hello to all,

Recently I have bought a FT-857D and for some reason [the only reason is my head] I am not being able to find the control cable for my AT-100Pro.

Does anyone have a spare cable for Yaesu that I could borrow/buy? :>

Luis, CT2FZI

[Non-text portions of this message have been removed]

4069. thank you all for your 857D tuner and other help

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-02-19 01:25:30 UTC
From: ZephyrNYC
Topic: 4069 Message: 4069

Thanks to everyone for your awesome responses, advice, and tips. I'm still deciding on an auto tuner for an 857D. I'll hold out a little longer, hopefully to find a good deal (and save up a little more money). Right now, I really like the LDG Z-11 Pro II and YT-100, and SGC SG-237. I also heard about the LDG AT-100 Pro II coming out soon.

This is how I plan to operate on 160m through 6m (and of course 2m and 70cm):

approximately 50% of the time:
from the home shack on the roof or metal fire escape on the 7th and top floor of an apartment building with a dipole or other stealth wire, fishing pole, or other portable antenna,

49%:
pedestrian mobile with a fishing pole or other portable antenna,

1%:
vehicular mobile later down the road.

Do the LDG tuners have to be located at the transceiver? Can they not be operated at the antenna feed point (more desirable for efficiency)? Can the SG-237 and other SGC tuners only be operated at the antenna feed point (less desirable)?

73,
Frank

4070. Z11-PRO II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-02-19 14:17:00 UTC
From: n8mfn
Topic: 4070 Message: 4070

Just heard of the new Z-11 PROII just wondered if anyone nows the new features or are they the same?
Rick
N8MFN

4071. Re: Z11-PRO II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-02-19 20:15:54 UTC
From: cwjock2003
Topic: 4070 Message: 4071

--- In LDG-auto-tuners@yahoogroups.com, "n8mfn" <n8mfn@...> wrote:
>
> Just heard of the new Z-11 PROII just wondered if anyone nows the new features or are they the same?
> Rick
> N8MFN
>

Rick,

Here is what I have been able to learn. Some parts used on the original circuit board in the Z-11 PRO are no longer available. This forced a board redesign to accommodate the newer parts. Units with the new board are Z-ll PROII. Apparently, the specs,features, and operations are the same in either version.

73, Ray W8QAP

4072. Z-11 Pro 1.6 chip

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-02-20 20:04:07 UTC
From: Dale Holloway
Topic: 4072 Message: 4072

Can anyone tell me what I would gain by upgrading my incredible Z-11 Pro from a 1.5 chip to the 1.6?

4073. Re: Z11-PRO II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-02-21 19:04:14 UTC
From: Dwayne
Topic: 4070 Message: 4073

Ray/Rick,

The only spec that changed is the operating voltage. It's now 6 to 16 volts at 300 mA. That allows 4 AA batteries to power it for about a year. You can even use a 9V battery for a weekend or two.

Dwayne Kincaid
LDG

> --- In LDG-auto-tuners@yahoogroups.com, "n8mfn" <n8mfn@> wrote:
> >
> > Just heard of the new Z-11 PROII just wondered if anyone nows the new features or are they the same?
> > Rick
> > N8MFN
> >
>
> Rick,
>
> Here is what I have been able to learn. Some parts used on the original circuit board in the Z-11 PRO are no longer available. This forced a board redesign to accommodate the newer parts. Units with the new board are Z-ll PROII. Apparently, the specs,features, and operations are the same in either version.
>
> 73, Ray W8QAP
>

4074. Re: [LDG-auto-tuners] Re: Z11-PRO II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-02-22 05:15:44 UTC
From: SATYAN VU3MES
Topic: 4070 Message: 4074

Hello group

i have a z11pro2 working fine purchased from w4rt.com. when the?batteries?goes dead the relays will stop working and that is an indication for you to change the 6 aa size?batteries. i must stress here that the box is very very portable and i use it even under a tree in the garden.

73s de VU3MES
chennai - india - qth location website.
http://www.findu.com/cgi-bin/find.cgi?call=vu3mes
http://www.qrz.com/callsign/vu3mes
http://www.satyansarath.param.mobi [mobile web page]

----- Original message -----
From: Dwayne <ldgyahoo@...>
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: Z11-PRO II
Date: Sun, 21 Feb 2010 19:04:14 -0000

?

Ray/Rick,

The only spec that changed is the operating voltage. It's now 6 to 16 volts at 300 mA. That allows 4 AA batteries to power it for about a year. You can even use a 9V battery for a weekend or two.

Dwayne Kincaid
LDG

> --- In LDG-auto-tuners@yahoogroups.com, "n8mfn" <n8mfn@> wrote:
> >
> > Just heard of the new Z-11 PROII just wondered if anyone nows the new features or are they the same?
> > Rick
> > N8MFN
> >
>
> Rick,
>
> Here is what I have been able to learn. Some parts used on the original circuit board in the Z-11 PRO are no longer available. This forced a board redesign to accommodate the newer parts. Units with the new board are Z-ll PROII. Apparently, the specs,features, and operations are the same in either version.
>

> 73, Ray W8QAP
>

Ovi Mail: Making email access easy
http://mail.ovi.com

[Non-text portions of this message have been removed]

4075. Z100 Plus and the IC-730

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-02-22 19:22:22 UTC
From: queensgifts@sbcglobal.net
Topic: 4075 Message: 4075

I just purchased the LDG-Z100 Plus and I have an Icom IC-730 radio. The plug supplied with the Z100 is a 4 wire plug. Red, White, Black, Small wire. I realize the radio is not AH-3 or AH-4 compatable but is there a way the LDG interface plug can be modified to connect to the ACC plug on the back of the radio? I have the pin-out for the radio plug.

4076. 10 meters

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-02-24 16:28:04 UTC
From: peter
Topic: 4076 Message: 4076

I

am using a 100 foot inverted L at 10 feet with my LDG AT 200 PRO. I wish to thank all those who helped with my last post. I have noticed from the mail that others have had trouble matching 10 meters. Would it be better to use a seperate antenna for 10, or feed a 10 meter vertical in parallel with my inverted L?

4077. Re: [LDG-auto-tuners] 10 meters

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-02-24 20:37:33 UTC
From: Howard Bingham
Topic: 4076 Message: 4077

At 10:28 AM 2/24/2010, peter wrote:
>I
>
> am using a 100 foot inverted L at 10 feet with my LDG AT 200 PRO.
> I wish to thank all those who helped with my last post. I have
> noticed from the mail that others have had trouble matching 10
> meters. Would it be better to use a seperate antenna for 10, or
> feed a 10 meter vertical in parallel with my inverted L?
--

I am running mobile with the same tuner for a Yaesu FT-857D & have experienced much the same problem on 10M, good results with a Hustler 10M resonator mobile antenna with fold-over mount (Mount pole resonant on 6M), get a low SWR, but after change to a multi-band whip with appropriate loading coils, the tuner won't do anything to spite low SWR with a separate SWR bridge, the tuner & radio indicate higher (SWR 3.0:1 or higher) than normal SWR & will NOT tune the antenna, to spite separate SWR bridge saying differently (With tuner disconnected)..

My tuner is boxed & ready to be sent to factory (Under warranty) as soon as I can make a copy of the sales ticket.

Howard Bingham
KE5APJ

==

[Non-text portions of this message have been removed]

4078. FS: LDG AT-1000Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-02-25 22:26:26 UTC
From: kd4e
Topic: 4078 Message: 4078

```
FS: LDG AT-1000Pro
As-new in original box.
Reviews here:
http://www.eham.net/reviews/detail/7046
More info:
http://www.w4rt.com/LDG/AT-1000PRO.htm
Asking $445. including standard shipping in USA

--

.Thanks! & 73, doc, KD4E
.FS/Swap/Wanted: http://kd4e.com/swapn.html
.Free OS : http://www.PuppyLinux.com
.Personal: http://kd4e.com
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. / @ \ {|
. | |~_|~~~~|
. | -| | |
.============\ # KD4E
. Have an http://ultrafidian.com day!
```

4079. FS: LDG AT-1000Pro $425.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-02-26 15:10:50 UTC
From: kd4e
Topic: 4079 Message: 4079

```
FS: LDG AT-1000Pro
As-new in original box.
Reviews here:
http://www.eham.net/reviews/detail/7046
More info:
http://www.w4rt.com/LDG/AT-1000PRO.htm
$425. including standard shipping in USA

--

.Thanks! & 73, doc, KD4E
.FS/Swap/Wanted: http://kd4e.com/swapn.html
.Free OS : http://www.PuppyLinux.com
.Personal: http://kd4e.com
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.============\ # KD4E
. Have an http://ultrafidian.com day!
```

4080. Re: [FT-857D] Final Reminder -- LIMARC Hamfest this Sunday, Feb 28th!!!

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-02-27 01:55:42 UTC
From: Howard Bingham
Topic: 4080 Message: 4080

For those in the "sun belt, there is the "Greater Houston Hamfest
being held March 4, 2010 at the Fort Bend County Fairgrounds
(Southwest of Houston, Tx.) that will have several Yaesu radios as
door prizes, in addition to a gigantic "Tailgate" sales area adjacent
to the enclosed meeting area which will include tables with
commercial & local individuals, along with a number of workshops & VE testing

Details of Houston Hamfest at: www.BVARC.org

Howard Bingham
KE5APJ

==========
At 07:42 PM 2/26/2010, ZephyrNYC wrote:
>Please share with other hams and groups:
>
>Is anyone from the group going to attend the hamfest in Hicksville in
>Long Island, NY this Sunday the 28th? I MIGHT go if the weatherman's
>forecast of our nasty snow storm weather dissipating this weekend
>proves to be true. If so, I'll be shopping for an auto tuner and
>accessories for my first ever personal HF transceiver ;) Maybe I'll
>see ya there :)
>
>
>73,
>Frank
>
>---------- Forwarded message ----------
>From: ARRL NLI Section <memberlist@...>
>Date: Fri, 26 Feb 2010 13:46:50 -0500 (EST)
>Subject: Final Reminder -- LIMARC Hamfest this Sunday, Feb 28th!!!
>To: ZephyrNYC@...
>
>I hope you're not exerting yourself too much as you dig out, but it
>should be worth it as the LIMARC Hamfest will be held this Sunday,
>February 28th. I have been informed that the vendors are all on board
>at that the facility will be ready for the event.
>
>The annual LIMARC indoor winter hamfest will once again be held at
>Levittown Hall. Located at 201 Levittown Parkway in Hicksville, the
>hamfest includes the following vendors:
>KJI Electronics, Advanced Sprecialties, Quicksilver, Radio Oasis, W and
>W Battery, Dave Schneider, Tak-Tenna, HES Radio, RCG Trading, AND MANY
>MORE!

>
>Vendor setup begins at 7:00am and the doors open to the public at
>9:00am. A VE session will begin at noon.
>
>Card checking will be available at the ARRL table.
>
>Talk-in on W2VL, 146.85 repeater (136.5 PL)
>For more information, see the LIMARC web page at
>http://www.limarc.org or E-mail: hamfest@...
>
>I'll be at the ARRL table. Please stop by and say "Hi."
>
>---
>ARRL New York City-Long Island Section
>Section Manager: Michael Lisenco, N2YBB
>n2ybb@...
==

[Non-text portions of this message have been removed]

4081. Another Newbie.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-02-26 20:12:00 UTC
From: Rudy Benner
Topic: 4081 Message: 4081

My new FT-817 now has a new Z-817. I like it.

Have been absent from ham radio for 20 years. Its gotten better. New toys. The stuff that used to be near impossible is now easy.

Freshly retired, new toys lined up.

Rudy Benner VE3BDR Timmins Ontario EN98il

[Non-text portions of this message have been removed]

4082. Re: [LDG-auto-tuners] Another Newbie.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-02-27 04:33:34 UTC
From: ZephyrNYC
Topic: 4081 Message: 4082

Welcome back, Rudy :) 73, Frank

--
February 2010 is Heart Disease Awareness Month. http://bit.ly/ceAY2a

Have you seen the secret codes on facebook? http://bit.ly/aYSO5I

If you have Twitter, please Tweet this:

Pls RT- Today begins Heart Disease Awareness Month. http://bit.ly/ceAY2a
Have you seen secret codes on facebook? http://bit.ly/aYSO5I

4083. Re: auto tuners for 6m

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-03-01 01:28:16 UTC
From: ZephyrNYC
Topic: 4083 Message: 4083

Thank you for the quick replies. Is there anyone in the group who
gets away with operating on 6m using a tuner for up through 30MHz via
another method?

73,
Frank

On Sun, Feb 28, 2010 at 20:00, ZephyrNYC <zephyrnyc@gmail.com> wrote:
> I noticed that there are a lot of tuners that go up to 30MHz than
> tuners that go all the way up through the 6m band. If you use one of
> the former, what do you do for 6m? Do you use a separate resonant
> antenna for 6m? Thanks.
>
>
>
> 73,
> Frank
>
>
>
> February 2010 is Heart Disease Awareness Month. http://bit.ly/ceAY2a
>
> Have you seen the secret codes on facebook? http://bit.ly/aYSO5I
>

4084. auto tuners for 6m

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-03-01 01:00:39 UTC
From: ZephyrNYC
Topic: 4083 Message: 4084

I noticed that there are a lot of tuners that go up to 30MHz than tuners that go all the way up through the 6m band. If you use one of the former, what do you do for 6m? Do you use a separate resonant antenna for 6m? Thanks.

73,
Frank

February 2010 is Heart Disease Awareness Month. http://bit.ly/ceAY2a

Have you seen the secret codes on facebook? http://bit.ly/aYSO5I

4085. Z-817 -RESET

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-03-01 01:24:56 UTC
From: Rudy Benner
Topic: 4085 Message: 4085

While considering a purchase of the Z-817, I was not able to find a method of clearing the memory of the tuner when one changed to a different antenna.

I THINK I have found an unpublished sequence that seems to clear the memory.

Holding in the TUNE button, initially lights the red led, continue holding the TUNE button, the red led will turn off and a few seconds later, the red and greed leds will sequence, Continue holding in the TUNE button until both leds are lit steady.

Can anyone confirm this?

Rudy Benner VE3BDR

yes, I know about the balun offer and have not yet applied for it.

[Non-text portions of this message have been removed]

4086. Re: auto tuners for 6m

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-03-01 10:46:59 UTC
From: Ken
Topic: 4083 Message: 4086

Hi Frank,

I use a LDG Z11Pro tuner with one limited space wire antenna on 80 through 6 meters with no problems. Specs for the LDG balun I use say 1.8 to 30 MHz. but it still works fine on 6 meters.

We don't get a lot of 6 meter openings in my part of the country but when the band opens up, I have no problems making contacts.

73 - Ken - VE5KC
- http://amateur-radio.ca

--- In LDG-auto-tuners@yahoogroups.com, ZephyrNYC <ZephyrNYC@...> wrote:
>
> Thank you for the quick replies. Is there anyone in the group who
> gets away with operating on 6m using a tuner for up through 30MHz via
> another method?
>
> 73,
> Frank
>
>
> On Sun, Feb 28, 2010 at 20:00, ZephyrNYC <zephyrnyc@...> wrote:
> > I noticed that there are a lot of tuners that go up to 30MHz than
> > tuners that go all the way up through the 6m band. If you use one of
> > the former, what do you do for 6m? Do you use a separate resonant
> > antenna for 6m? Thanks.
> >
> >
> >
> > 73,
> > Frank
> >
> >
> >
> > February 2010 is Heart Disease Awareness Month. http://bit.ly/ceAY2a
> >
> > Have you seen the secret codes on facebook? http://bit.ly/aYSO5I
> >
>

4087. Re: [LDG-auto-tuners] Z-817 -RESET

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-03-01 12:13:04 UTC
From: Rudy Benner
Topic: 4085 Message: 4087

In reading my post, I can see that perhaps I had one too many 807s.

Hold down the tune button until the red and green LEDs stay lit together, Sequence up to that point is Red LED on, Red LED off, Red and Green LED alternating, then lastly, both stay on. Then release the tune button.

----- Original Message -----
From: Rudy Benner
To: LDG-auto-tuners@yahoogroups.com
Sent: Sunday, February 28, 2010 8:24 PM
Subject: [LDG-auto-tuners] Z-817 -RESET

While considering a purchase of the Z-817, I was not able to find a method of clearing the memory of the tuner when one changed to a different antenna.

I THINK I have found an unpublished sequence that seems to clear the memory.

Holding in the TUNE button, initially lights the red led, continue holding the TUNE button, the red led will turn off and a few seconds later, the red and greed leds will sequence, Continue holding in the TUNE button until both leds are lit steady.

Can anyone confirm this?

Rudy Benner VE3BDR

yes, I know about the balun offer and have not yet applied for it.

[Non-text portions of this message have been removed]

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.5.435 / Virus Database: 271.1.1/2715 - Release Date: 02/28/10 19:34:00

[Non-text portions of this message have been removed]

4088. Re: [LDG-auto-tuners] auto tuners for 6m

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-03-01 12:10:23 UTC
From: Rudy Benner
Topic: 4083 Message: 4088

My Z-817 seems to work fine with my FT-817 through 6 meters.

----- Original Message -----
From: ZephyrNYC
To: LDG-auto-tuners@yahoogroups.com ; autotuners@yahoogroups.com ; ft-857@yahoogroups.com ; ft-857d ; ft897@yahoogroups.com ; HamRadioHelpGroup@yahoogroups.com ; Smartuners@yahoogroups.com
Sent: Sunday, February 28, 2010 8:00 PM
Subject: [LDG-auto-tuners] auto tuners for 6m

I noticed that there are a lot of tuners that go up to 30MHz than
tuners that go all the way up through the 6m band. If you use one of
the former, what do you do for 6m? Do you use a separate resonant
antenna for 6m? Thanks.

73,
Frank

February 2010 is Heart Disease Awareness Month. http://bit.ly/ceAY2a

Have you seen the secret codes on facebook? http://bit.ly/aYSO5I

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.5.435 / Virus Database: 271.1.1/2715 - Release Date: 02/28/10 19:34:00

[Non-text portions of this message have been removed]

4089. RFI problem after installing a AT-1000Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-03-03 03:03:14 UTC
From: marv n
Topic: 4089 Message: 4089

After having a AT200Pro for about a year I thought I would add the AT 1000Pro to go with my amp. The radio is a Kenwood TS-480HX. I have the RF unit mounted in the basement with the head here in the shack, about 10ft from each other. I have been using a cat5 cable for over a year with no problems. Now that I have added the 1000Pro, I have all kinds of RFI problems even at less than 60 watts output. Some time back there was someone that had these two tuners and had the some RFI problems and he had listed a fix with a drawing of how he had his grounding layed out. I have looked high and low for this information but can't come up with it again.
I have tryed adding snap on torides all over the place. I have unhooked grounds, added grounds, changed cables and am not getting anywhere.
I really like these tuners but really need some help finding a fix for this problem.
Anyone know where I can find information on the problem when using 2 tuners?
Thanks
N0FJP

4090. Re: RFI problem after installing a AT-1000Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-03-03 14:14:44 UTC
From: lostfrogsrecords
Topic: 4089 Message: 4090

Hi Marv,

I have a solidly grounded system, and up until recently never had a problem with RFI in the shack. Then I tried 6M, and ran into all kinds of problems, mostly with the amplifier complaining about high SWR and shutting down when used on 6M. I have a situation perhaps similar to yours, using an AT-1000 and AT-1000Pro. And this RFI problem existed when testing into dummy loads as well!

I used three turns of coax thru AmidonFT-193-J beads ($10ea.) on the coax jumpers from the amplifier outputs to the tuner inputs. That fixed my 6M RFI problems. Those beads are large diameter and allow the pl-259 connector on the coax jumper to pass thru easily.

I'm guessing that I need better shielding between the tuners (each other and the amp), since I can see the meter move on the tuner not selected when in use at power.

A drawing of my cure is shown as RIGwiring.pdf in the files section here.

73,
Dave KI4PSR

--- In LDG-auto-tuners@yahoogroups.com, "marv n" <racer5039@...> wrote:
>
> After having a AT200Pro for about a year I thought I would add the AT 1000Pro to go with my amp. The radio is a Kenwood TS-480HX. I have the RF unit mounted in the basement with the head here in the shack, about 10ft from each other. I have been using a cat5 cable for over a year with no problems. Now that I have added the 1000Pro, I have all kinds of RFI problems even at less than 60 watts output. Some time back there was someone that had these two tuners and had the some RFI problems and he had listed a fix with a drawing of how he had his grounding layed out. I have looked high and low for this information but can't come up with it again.
> I have tryed adding snap on torides all over the place. I have unhooked grounds, added grounds, changed cables and am not getting anywhere.
> I really like these tuners but really need some help finding a fix for this problem.
> Anyone know where I can find information on the problem when using 2 tuners?
> Thanks
> N0FJP
>

4091. IT-100

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-03-03 14:14:05 UTC
From: Jan Erichsen
Topic: 3478 Message: 4091

I have an IT-100 tuner connected to an IC-706MkIIG in the boot of my car. I use Watson monoband antennas.
The problems are that, when pressing the tune button on the radio, or the one on the tuner, nothing happens, the tuner is dead. None of the light on the tuner comes on.
Shouldn't the lights come on when pressing the tune button on the tuner, even if the separation cable was not connected ?
I have checked all the cables, they are Ok. I have checked the ground, on the radio, the tuner, and the antenna. All are Ok, and there are no short circuits .
I have checked the 12v from the radio to the tuner, and it is OK. I have checked the separation cable, and it is OK
The tuner is only 4 months old, so I sent it back to LDG together with the cables, and they could not find anything wrong with the tuner, so they returned it to me
Have anyone experienced similar problems, or have anyone some useful advice.
Is there anything I have not checked?
This drives me crazy (or crazier).

73
Jan - LA2XSA

[Non-text portions of this message have been removed]

4092. Re: [LDG-auto-tuners] IT-100

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-03-03 23:21:31 UTC
From: Howard Bingham
Topic: 3478 Message: 4092

I've got a similar problem with an AT-200Pro, on one antenna near back bumper of pickup truck, the tuner works like a champ, but on an antenna the other side, but further forward, show a high SWR on both the Radio display & the tuner does not perform.

I've give up on trying to make the tuner work & wish I hadn't bought it, as I'm now using a mag mount CB antenna that's been trimmed for the middle of the 10M band & do 250+ QSO's on 10M with NO SWR problems when the tuner is NOT attached to anything, BUT when the tuner is added to the equastion, the SWR issues crop up again..!

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Anyone want to buy an AT-200 Pro..?
(Has a lot of LED's that work as described in instruction sheet, BUT WILL NOT WORK in my mobile installation..!)

Howard Bingham
KE5APJ

At 08:14 AM 3/3/2010, Jan Erichsen wrote:
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>Is there anything I have not checked?
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>
>73
>Jan - LA2XSA
>

[Non-text portions of this message have been removed]

4093. RE: [LDG-auto-tuners] IT-100

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-03-04 14:02:12 UTC
From: Jan Erichsen
Topic: 3478 Message: 4093

Howard,
Thanks for input. Your suggestion to wrap a lead shield around the tuner to keep stray SWR from the tuner might be the right solution to the problem. That's the only thing I haven't tried. Today I lent an Icon AT-180 tuner from a friend, and that worked flawless together with the rest of the installation ,without problems
of any kind
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Jan LA2XSA

From: LDG-auto-tuners@yahoogroups.com
[mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Howard Bingham
Sent: Thursday, March 04, 2010 12:22 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] IT-100

I've got a similar problem with an AT-200Pro, on one antenna near back bumper of pickup truck, the tuner works like a champ, but on an antenna the other side, but further forward, show a high SWR on both the Radio display & the tuner does not perform.

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>Jan - LA2XSA
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

4094. RE: [LDG-auto-tuners] IT-100

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-03-04 20:00:09 UTC
From: cpu_nut
Topic: 3478 Message: 4094

I think it is kind of silly to use lead since this is RF and not ionizing (x-ray / nuclear) radiation where lead would be beneficial. Aluminum would work fine :-)

Craig

--- On Thu, 3/4/10, Jan Erichsen <jan@...m> wrote:

> From: Jan Erichsen <jan@...>
> Subject: RE: [LDG-auto-tuners] IT-100
> To: LDG-auto-tuners@yahoogroups.com
> Date: Thursday, March 4, 2010, 9:02 AM
> Howard,
> Thanks for input. Your suggestion to wrap a lead shield
> around the tuner to
> keep stray SWR from the tuner might be the right solution
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> To: LDG-auto-tuners@yahoogroups.com
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> ---
>
> [Non-text portions of this message have been removed]
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>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>   LDG-auto-tuners-fullfeatured@yahoogroups.com
>
>
>

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http://mail.yahoo.com

4095. leds go out while tuning at-100 pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-03-04 18:53:46 UTC
From: w9gar
Topic: 4095 Message: 4095

I recently purchased a used ldg at-100 pro autotuner at a ham fest. The tuner seems to work ok except that sometimes before the tuning cycle is finished the leds stop working. It will then complete the tuning cycle without the leds working. I can push the func and they still will not work. I can then remove the power from the unit then hook it back up and the tuner leds work fine again. This seems to be an intermitent proplem, and does not happen every time. Has anyone had this problem?

thanks w9gar (Gary)

4096. RE: [LDG-auto-tuners] IT-100

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-03-04 21:04:02 UTC
From: Jan Erichsen
Topic: 3478 Message: 4096

You□re right :-)
jan

From: LDG-auto-tuners@yahoogroups.com
[mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of cpu_nut
Sent: Thursday, March 04, 2010 9:00 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: RE: [LDG-auto-tuners] IT-100

I think it is kind of silly to use lead since this is RF and not ionizing
(x-ray / nuclear) radiation where lead would be beneficial. Aluminum would
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Craig

--- On Thu, 3/4/10, Jan Erichsen <jan@...> wrote:

> From: Jan Erichsen <jan@...>
> Subject: RE: [LDG-auto-tuners] IT-100
> To: LDG-auto-tuners@yahoogroups.com
> Date: Thursday, March 4, 2010, 9:02 AM
> Howard,
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> On Behalf Of Howard Bingham
> Sent: Thursday, March 04, 2010 12:22 AM
> To: LDG-auto-tuners@yahoogroups.com
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> KE5APJ
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>
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>
>
> ------------------------------------
>
> Yahoo! Groups Links
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>
>   LDG-auto-tuners-fullfeatured@yahoogroups.com
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4097. Re: [LDG-auto-tuners] leds go out while tuning at-100 pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-03-04 23:04:42 UTC
From: CT2FZI IM58KR
Topic: 4095 Message: 4097

Hello and 73

How are you doing?

I had a similar problem, but not exactly like yours... My AT-100Pro when turned on worked 100% ok but when I switch the antenna to a dummy load stopped working.

The leds would turn on (all of them) then turn off, and no other operation or signal from the tuner was available.

I send it back for repair and all the IC were replaced by new ones for testing and continued doing the same.

Finnaly the feedback from radioworld.co.uk was that something was happening with the internal tuner clock... resoldered all the board, then they let it cool down and after 50 tuning cycles the tuner was shipped to me, free of charge (still under warranty, great job from radioworld I must add, they have there a great tech!!!)

Don't know if this will tell you something but I think I should mention my issue.

Perhaps there is a component very sensitive to temperature in your tuner, or some solder point loose in the led board?

Luis, CT2FZI

On Thu, Mar 4, 2010 at 6:53 PM, w9gar <w9gar@...> wrote:

>
>
> I recently purchased a used ldg at-100 pro autotuner at a ham fest. The
> tuner seems to work ok except that sometimes before the tuning cycle is
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> leds work fine again. This seems to be an intermitent proplem, and does not
> happen every time. Has anyone had this problem?
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> thanks w9gar (Gary)
>
>
>

--
73,

Luis CT2FZI

ct2fzi@...
http://www.qsl.net/ct2fzi

[Non-text portions of this message have been removed]

4098. RE: [LDG-auto-tuners] IT-100

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-03-05 04:00:49 UTC
From: Howard Bingham
Topic: 3478 Message: 4098

At 02:00 PM 3/4/2010, cpu_nut wrote:
>
>
>I think it is kind of silly to use lead since this is RF and not
>ionizing (x-ray / nuclear) radiation where lead would be beneficial.
>Aluminum would work fine :-)
>
>Craig
--

Whatever, but drastic attempts to tune a nearly $ 300. mobile antenna
with a tuner costing almost the same amount equaling frustrating
results, to be upsurped by a cheap (borrowed) CB antenna shows
equates to frustration..

I've got the tuner boxed & will be returning it to LDG by UPS as soon
as I can get to the UPS store..

Wy buy expensive tuners to tune expensive antennas when second hand
SB antennas & ham sticks (Can buy a lot of them for the cost of
either the tuner or multi-band antenna..

Howard Bingham
KE5APJ

>--- On Thu, 3/4/10, Jan Erichsen
><<mailto:jan%40cadillacfans.com>jan@...> wrote:
>
> > From: Jan Erichsen <<mailto:jan%40cadillacfans.com>jan@...>
> > Subject: RE: [LDG-auto-tuners] IT-100
> > To:
> <mailto:LDG-auto-tuners%40yahoogroups.com>LDG-auto-tuners@yahoogroups.com
> > Date: Thursday, March 4, 2010, 9:02 AM
> > Howard,
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> > Jan LA2XSA
> >
> > From:
> <mailto:LDG-auto-tuners%40yahoogroups.com>LDG-auto-tuners@yahoogroups.com
> > [mailto:LDG-auto-tuners@yahoogroups.com]
> > On Behalf Of Howard Bingham
> > Sent: Thursday, March 04, 2010 12:22 AM
> > To:
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> >
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> > >
> > ---
--

[Non-text portions of this message have been removed]

4099. Re: [LDG-auto-tuners] IT-100

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-03-05 18:28:18 UTC
From: Rudy Benner
Topic: 3478 Message: 4099

Sounds like an open shield somewhere.
----- Original Message -----
From: Howard Bingham
To: LDG-auto-tuners@yahoogroups.com
Sent: Thursday, March 04, 2010 11:00 PM
Subject: RE: [LDG-auto-tuners] IT-100

At 02:00 PM 3/4/2010, cpu_nut wrote:
>
>
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>ionizing (x-ray / nuclear) radiation where lead would be beneficial.
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Howard Bingham
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><<mailto:jan%40cadillacfans.com>jan@...> wrote:
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> > From: Jan Erichsen <<mailto:jan%40cadillacfans.com>jan@...>
> > Subject: RE: [LDG-auto-tuners] IT-100
> > To:
> <mailto:LDG-auto-tuners%40yahoogroups.com>LDG-auto-tuners@yahoogroups.com
> > Date: Thursday, March 4, 2010, 9:02 AM
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> > keep stray SWR from the tuner might be the right solution
> > to the problem.

> > That's the only thing I haven't tried. Today I lent an Icon
> > AT-180 tuner
> > from a friend, and that worked flawless together with the
> > rest of the
> > installation ,without problems
> > of any kind
> > 73
> > Jan LA2XSA
> >
> > From:
> <mailto:LDG-auto-tuners%40yahoogroups.com>LDG-auto-tuners@yahoogroups.com
> > [mailto:LDG-auto-tuners@yahoogroups.com]
> > On Behalf Of Howard Bingham
> > Sent: Thursday, March 04, 2010 12:22 AM
> > To:
> <mailto:LDG-auto-tuners%40yahoogroups.com>LDG-auto-tuners@yahoogroups.com
> > Subject: Re: [LDG-auto-tuners] IT-100
> >
> >
> > I've got a similar problem with an AT-200Pro, on one
> > antenna near
> > back bumper of pickup truck, the tuner works like a champ,
> > but on an
> > antenna the other side, but further forward, show a high
> > SWR on both
> > the Radio display & the tuner does not perform.
> >
> > I've give up on trying to make the tuner work & wish I
> > hadn't bought
> > it, as I'm now using a mag mount CB antenna that's been
> > trimmed for
> > the middle of the 10M band & do 250+ QSO's on 10M with
> > NO SWR
> > problems when the tuner is NOT attached to anything, BUT
> > when the
> > tuner is added to the equastion, the SWR issues crop up
> > again..!
> >
> > Oh, everything is grounded to the vehicle chassis with
> > grounding
> > straps, radio & tuner to the chassis, back bed of
> > pickup to the
> > chassis (Being the cab of "most" pickups is isolated from
> > the chassis
> > by huge rubber insulators to absorb the shock of rough
> > roads.).
> >
> > Maybe the tuner needs a shield around the vitals such a
> > wrapping a
> > lead shield around the tuner to keep stray SWR from the

> > tuner in
> > cases where the antenna(s) are in close proximity to the
> > tuner..???
> >
> > The antenna that works is mounted on top of the cab of the
> > pickup,
> > shows a HIGH SWR when the tuner is in the equastion,
> > regardless of
> > the tuner location & grounding..!
> >
> > Right now the tuner is USELESS, removed from vehicle,
> > monitoring
> > antennas with an OLD Heathkit SWR bridge, ADD THE TUNER
> > & SWR BECOMES
> > AN ISSUE AGAIN, so the tuner is in the box..
> >
> > Anyone want to buy an AT-200 Pro..?
> > (Has a lot of LED's that work as described in instruction
> > sheet, BUT
> > WILL NOT WORK in my mobile installation..!)
> >
> > Howard Bingham
> > KE5APJ
> >
> > At 08:14 AM 3/3/2010, Jan Erichsen wrote:
> > >I have an IT-100 tuner connected to an IC-706MkIIG in
> > the boot of my car. I
> > >use Watson monoband antennas.
> > >The problems are that, when pressing the tune button on
> > the radio, or the
> > >one on the tuner, nothing happens, the tuner is dead.
> > None of the light on
> > >the tuner comes on.
> > >Shouldn't the lights come on when pressing the tune
> > button on the tuner,
> > >even if the separation cable was not connected ?
> > > I have checked all the cables, they are Ok. I have
> > checked the ground, on
> > >the radio, the tuner, and the antenna. All are Ok, and
> > there are no short
> > >circuits .
> > >I have checked the 12v from the radio to the tuner, and
> > it is OK. I have
> > >checked the separation cable, and it is OK
> > >The tuner is only 4 months old, so I sent it back to
> > LDG together with the
> > >cables, and they could not find anything wrong with the
> > tuner, so they
> > >returned it to me
> > >Have anyone experienced similar problems, or have

> > anyone some useful
> > advice.
> > >Is there anything I have not checked?
> > >This drives me crazy (or crazier).
> > >
> > >73
> > >Jan - LA2XSA
> > >
> > ---
--

[Non-text portions of this message have been removed]

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.5.435 / Virus Database: 271.1.1/2721 - Release Date: 03/03/10 19:34:00

[Non-text portions of this message have been removed]

4100. New Cables from LDG

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-03-12 00:43:01 UTC
From: Dwayne
Topic: 4100 Message: 4100

LDG announces two new cables coming in April. The first is an Icom interface cable that is six feet long (two meters). This cable will work with LDG's generic tuners such as the Z-100Plus, Z-11ProII, AT-100ProII and the AT-200Pro. The part number is AL-PAC-6 and will cost around $15.

The second is an Alinco interface cable. It's 18 inches (0.5 meters) and interfaces the generic LDG tuners to the three popular Alinco radios: the DX-70, DX-77 and the new DX-SR8T. The part number is AL-PAC and will cost around $10.

Both cables will be available from LDG's distributors of cables and parts: www.cheapham.com and www.w4rt.com.

As a result of adding these optional cables to the product line, LDG will be dropping the "All Cables Included" program. Starting in March, the generic tuners will include the power cable, IC-PAC and coax jumper. The Y-ACC cable will be an optional cable. Obviously, radio specific tuners (such as the KT-100, YT-100 and Z-817) will continue to include the cables needed to interface to the radio.

Dwayne Kincaid
LDG

4101. Re: [LDG-auto-tuners] New Cables from LDG

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-03-12 01:46:50 UTC
From: PAUL LENHARR, SR.
Topic: 4100 Message: 4101

I'll need one of each please.
Please advise when available.

73 MY FRIEND

Paul

On Thu, Mar 11, 2010 at 7:43 PM, Dwayne <ldgyahoo@...m> wrote:

>
>
> LDG announces two new cables coming in April. The first is an Icom
> interface cable that is six feet long (two meters). This cable will work
> with LDG's generic tuners such as the Z-100Plus, Z-11ProII, AT-100ProII and
> the AT-200Pro. The part number is AL-PAC-6 and will cost around $15.
>
> The second is an Alinco interface cable. It's 18 inches (0.5 meters) and
> interfaces the generic LDG tuners to the three popular Alinco radios: the
> DX-70, DX-77 and the new DX-SR8T. The part number is AL-PAC and will cost
> around $10.
>
> Both cables will be available from LDG's distributors of cables and parts:
> www.cheapham.com and www.w4rt.com.
>
> As a result of adding these optional cables to the product line, LDG will
> be dropping the "All Cables Included" program. Starting in March, the
> generic tuners will include the power cable, IC-PAC and coax jumper. The
> Y-ACC cable will be an optional cable. Obviously, radio specific tuners
> (such as the KT-100, YT-100 and Z-817) will continue to include the cables
> needed to interface to the radio.
>
> Dwayne Kincaid
> LDG
>
>
>

--
If I fall, I get up
If I'm hurt, I fight harder
If you make me bleed, so shall you
If one of us must die, it will be you
You must know this if you choose
to do battle with me
For I am a survivor, a winner and a
warrior and I will ALWAYS go home!

GOD BLESS AMERICA

What we do for ourselves dies with us.
What we do for others and the world is and will always remain immortal.

P.D.Lenharr, Sr. (KB3NDR)
State Department of Juvenile Justice
Southern Maryland
Intake Commissioner

ARRL Member
(6 Meter Club)

[Non-text portions of this message have been removed]

4102. Using an Auto-tuner mobile

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-03-12 10:47:03 UTC
From: Don Wilschefski
Topic: 4102 Message: 4102

Hello Everyone,

I am thinking of buying an auto-tuner for use mobile. The LDG tuners seem to be very inexpensive, and use very little power. I have been told that I can use something like an 80m whip with an auto-tuner and use it on all HF bands. Has anyone used this system successfully?

My mobile installation is a coax fed whip. How short should the coax be between the tuner and the whip? Can I get by with RG-58, say 1 metre long?

As the tuner would be remote from the radio, can I use the tuning functions remotely? I think a cable can be fitted to the tuner to allow this.

Any assistance and advice is greatly appreciated.

Regards,

Don

[Non-text portions of this message have been removed]

4103. Re: New Cables from LDG

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-03-12 13:03:19 UTC
From: vk5aj
Topic: 4100 Message: 4103

Hi Dwayne ... look forward to the new Alinco cable.
I note you mention Z-100Plus and Z11-ProII

Is the Z-100 and Z11Pro classed as "LDG Generic Tuners" and will work with the new cables

Alan
VK5AJ

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
> LDG announces two new cables coming in April. The first is an Icom interface cable that is six feet long (two meters). This cable will work with LDG's generic tuners such as the Z-100Plus, Z-11ProII, AT-100ProII and the AT-200Pro. The part number is AL-PAC-6 and will cost around $15.
>
> The second is an Alinco interface cable. It's 18 inches (0.5 meters) and interfaces the generic LDG tuners to the three popular Alinco radios: the DX-70, DX-77 and the new DX-SR8T. The part number is AL-PAC and will cost around $10.
>
> Both cables will be available from LDG's distributors of cables and parts: www.cheapham.com and www.w4rt.com.
>
> As a result of adding these optional cables to the product line, LDG will be dropping the "All Cables Included" program. Starting in March, the generic tuners will include the power cable, IC-PAC and coax jumper. The Y-ACC cable will be an optional cable. Obviously, radio specific tuners (such as the KT-100, YT-100 and Z-817) will continue to include the cables needed to interface to the radio.
>
> Dwayne Kincaid
> LDG
>

4104. Re: [LDG-auto-tuners] Using an Auto-tuner mobile

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-03-12 19:58:27 UTC
From: Howard Bingham
Topic: 4102 Message: 4104

If problems I've had with an AT-200Pro are any indication, you may
want to place the antenna as far as possible from the tuner, IF not
roof mounted..!

Grounding to vehicle chassis is most important for both radio &
tuner, as well as the ground end of the antenna..

I'm using braided cable to chassis, being sure to scrape chassis to
bare metal before attaching ground cable..

Howard Bingham, whose AT-200Pro is at the LDG shop getting a check-up..

==========

At 04:47 AM 3/12/2010, Don Wilschefski wrote:
>Hello Everyone,
>
>
>
>I am thinking of buying an auto-tuner for use mobile. The LDG tuners seem to
>be very inexpensive, and use very little power. I have been told that I can
>use something like an 80m whip with an auto-tuner and use it on all HF
>bands. Has anyone used this system successfully?
>
>
>
>My mobile installation is a coax fed whip. How short should the coax be
>between the tuner and the whip? Can I get by with RG-58, say 1 metre long?
>
>
>
>As the tuner would be remote from the radio, can I use the tuning functions
>remotely? I think a cable can be fitted to the tuner to allow this.
>
>
>
>Any assistance and advice is greatly appreciated.
>
>
>
>Regards,
>
>
>
>Don
--

[Non-text portions of this message have been removed]

4105. Re: Using an Auto-tuner mobile

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-03-13 09:24:11 UTC
From: Dwayne
Topic: 4102 Message: 4105

Don,

We've never heard of anyone being able to get all HF bands with one antenna.

The model of radio that you intend to use would need to be known before we could say if it can be controlled remotely.

Howard has offered very good advice on grounding.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "Don Wilschefski" <don730@...> wrote:
>
> Hello Everyone,
>
>
>
> I am thinking of buying an auto-tuner for use mobile. The LDG tuners seem to
> be very inexpensive, and use very little power. I have been told that I can
> use something like an 80m whip with an auto-tuner and use it on all HF
> bands. Has anyone used this system successfully?
>
>
>
> My mobile installation is a coax fed whip. How short should the coax be
> between the tuner and the whip? Can I get by with RG-58, say 1 metre long?
>
>
>
> As the tuner would be remote from the radio, can I use the tuning functions
> remotely? I think a cable can be fitted to the tuner to allow this.
>
>
>
> Any assistance and advice is greatly appreciated.
>
>
>
> Regards,
>
>
>
> Don
>
>

>
>
>
> [Non-text portions of this message have been removed]
>

4106. Re:Using an Auto-tuner mobile

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-03-13 13:35:12 UTC
From: Sam
Topic: 4102 Message: 4106

When using a tuning circuit at the base of a whip antenna, you want the tuning circuit mounted as close to the base as possible. Also you do not want to use coax from the circuit to the antenna, just insulated wire. Just remember that the impedence of the antenna will change as you go down the road and the antenna moves towards and away from the metal surface of the vehicle, so if your tuning circuit is an auto tuner, you don't want to have it in auto mode as it will start tuning as the impedence changes due to antenna movement.

N6MYA

4107. Z-11 Pro II reset to factory default

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-03-15 23:42:03 UTC
From: kb0wd
Topic: 4107 Message: 4107

How do you reset a Z-11 Pro II to factory default??/

thanks
73 Rich KB0WD

4108. Re: Z-11 Pro II reset to factory default

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-03-16 23:44:13 UTC
From: Dwayne
Topic: 4107 Message: 4108

Rich,

The Z-11ProII does not have a factory reset. We found that there was rarely a use for it, so we took it out when we went from Z-11Pro to Z-11ProII.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "kb0wd" <hinkelr@...> wrote:
>
> How do you reset a Z-11 Pro II to factory default??/
>
> thanks
> 73 Rich KB0WD
>

4109. Re:Z-11 Pro II reset to factory default

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-03-17 11:50:07 UTC
From: Sam
Topic: 4107 Message: 4109

So is there a way to clear the all or the memories?

4110. Re:Z-11 Pro II reset to factory default

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-03-17 22:19:19 UTC
From: Rudy
Topic: 4107 Message: 4110

You could do a search for the previous model and see what the sequence was. It might work, it might not, it might brick the tuner.

de rudy ve3bdr

--- In LDG-auto-tuners@yahoogroups.com, Sam <veast1@...> wrote:
>
> So is there a way to clear the all or the memories?
>

4111. Re:Z-11 Pro II reset to factory default

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-03-18 02:54:46 UTC
From: Dwayne
Topic: 4107 Message: 4111

Sam,

As we mentioned, we have not found a use for clearing the memories, so the Z-11ProII does not have a memory reset.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, Sam <veast1@...> wrote:
>
> So is there a way to clear the all or the memories?
>

4112. Recall/version questions about AT-200PRO

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-03-19 14:53:29 UTC
From: david feldman
Topic: 4112 Message: 4112

Couple of questions about my AT-200PRO (just putting it in service after having bought it new some years ago; LDG didn't answer the same questions sent to them by e-mail)...

1. On what basis does the tuner decide to recall stored tuning parameter set vs. do a new full-tune? When I return to a prior frequency, how close do I need to be for the tuner to recall stored set (and tune quickly)? Also, does a change in the transmit power level affect this behavior (say, returning at 10W after previously tuning at 100W?)

2. Is version 1.1 (as seen on the front panel) current?

Thanks very much,

73 Dave WB0GAZ wb0gaz@...

_____
Hotmail: Trusted email with Microsoft’s powerful SPAM protection.
http://clk.atdmt.com/GBL/go/210850552/direct/01/

4113. Re: Recall/version questions about AT-200PRO

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-03-20 22:30:21 UTC
From: Howard Z
Topic: 4112 Message: 4113

David,

Well, since no one is responding, I'll give it a try. The following is my understanding of how all the LDG tuners operate:

For each small frequency range, the tuner can store up to 4 sets L & C values. These four sets might be from four different antennas that you have used on this antenna port of the tuner, or they can be from changes to your antenna system - like making the feedline longer or shorter, or making the wire antenna longer or shorter, or even just changes due to the weather.

Now, the "small frequency range" that has 4 sets of L & C values, this range varies. At low frequencies, say 80m band, each chunk of frequency range will be larger than they are at higher frequencies like the 10m band.

On a memory-tune, it tries these four stored settings, one after another until it gets a SWR that is under the SWR Threshhold. If the first stored setting gets a suitable SWR, then it will not try the next 3 stored settings. The tuner can try all four settings very quickly - so quickly that it may still sound like one clicking noise rather than four clicking noises. If all four saved settings fail to get a suitable SWR, then a full-tune operation is performed.

Howard

--- In LDG-auto-tuners@yahoogroups.com, david feldman <wb0gaz@...> wrote:
>
>
> Couple of questions about my AT-200PRO (just putting it in service after having bought it new some years ago; LDG didn't answer the same questions sent to them by e-mail)...
>
> 1. On what basis does the tuner decide to recall stored tuning parameter set vs. do a new full-tune? When I return to a prior frequency, how close do I need to be for the tuner to recall stored set (and tune quickly)? Also, does a change in the transmit power level affect this behavior (say, returning at 10W after previously tuning at 100W?)
>
> 2. Is version 1.1 (as seen on the front panel) current?
>
> Thanks very much,
>
> 73 Dave WB0GAZ wb0gaz@...
>
>
> _____
> Hotmail: Trusted email with Microsoft's powerful SPAM protection.
> http://clk.atdmt.com/GBL/go/210850552/direct/01/
>

4114. Re: [LDG-auto-tuners] Re:Z-11 Pro II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-03-20 23:00:51 UTC
From: DALE
Topic: 4107 Message: 4114

What is the difference between the Z-11 Pro and the Z-11 Pro II ?

Dale

[Non-text portions of this message have been removed]

4115. Re:Z-11 Pro II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-03-21 06:26:08 UTC
From: Ken
Topic: 4107 Message: 4115

Message #4073
http://groups.yahoo.com/group/LDG-auto-tuners/message/4073

Re: Z11-PRO II

The only spec that changed is the operating voltage. It's now 6 to 16 volts at 300 mA. That allows 4 AA batteries to power it for about a year. You can even use a 9V battery for a weekend or two.

Dwayne Kincaid
LDG

Message #4111

http://groups.yahoo.com/group/LDG-auto-tuners/message/4111

Re:Z-11 Pro II reset to factory default

Sam,

As we mentioned, we have not found a use for clearing the memories, so the Z-11ProII does not have a memory reset.

Dwayne Kincaid
LDG

de VE5KC
http://www.amateur-radio.ca/

--- In LDG-auto-tuners@yahoogroups.com, DALE <wa7ixk@...> wrote:
>
>
> What is the difference between the Z-11 Pro and the Z-11 Pro II ?
>
> Dale
>

4116. Re:Z-11 Pro II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-03-21 10:57:12 UTC
From: Rudy
Topic: 4107 Message: 4116

That possibly means that the reset for the older model works on the newer one.

--- In LDG-auto-tuners@yahoogroups.com, "Ken" <ve5kc@...> wrote:
>
> Message #4073
> http://groups.yahoo.com/group/LDG-auto-tuners/message/4073
>
> Re: Z11-PRO II
>
> The only spec that changed is the operating voltage. It's now 6 to 16 volts at 300 mA. That allows 4 AA batteries to power it for about a year. You can even use a 9V battery for a weekend or two.
>
> Dwayne Kincaid
> LDG
>
> Message #4111
>
> http://groups.yahoo.com/group/LDG-auto-tuners/message/4111
>
> Re:Z-11 Pro II reset to factory default
>
> Sam,
>
> As we mentioned, we have not found a use for clearing the memories, so the Z-11ProII does not have a memory reset.
>
> Dwayne Kincaid
> LDG
>
> de VE5KC
> http://www.amateur-radio.ca/
>
> --- In LDG-auto-tuners@yahoogroups.com, DALE <wa7ixk@> wrote:
> >
> >
> > What is the difference between the Z-11 Pro and the Z-11 Pro II ?
> >
> > Dale
> >
>

4117. yaesu ft 920

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-03-22 23:26:42 UTC
From: derek.reid37
Topic: 4117 Message: 4117

HI
CAN YOU USE INTERFACE FOR AT100 PRO
WITH YAESU FT 920
MANY THANKS
DEREK

4118. Re:Z-11 Pro II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-03-23 11:29:09 UTC
From: Sam
Topic: 4107 Message: 4118

Hopefully the older reset procedure would work with the new one as i can't see NOT having the feature. You change antennas or make changes to the antennas you are currently using, or different field day antennas, etc. It would mean more unneeded memories to cycle through to get to the one you want. I found it very usefull when i had the AT-1000PRO.

> That possibly means that the reset for the older model works on the
> newer one.

--- In LDG-auto-tuners@yahoogroups.com, "Ken" <ve5kc@...> wrote:
>
> Message #4073
> http://groups.yahoo.com/group/LDG-auto-tuners/message/4073
>
> Re: Z11-PRO II
>
> The only spec that changed is the operating voltage. It's now 6 to 16 volts at 300 mA. That allows 4 AA batteries to power it for about a year. You can even use a 9V battery for a weekend or two.
>
> Dwayne Kincaid
> LDG
>
> Message #4111
>
> http://groups.yahoo.com/group/LDG-auto-tuners/message/4111
>
> Re:Z-11 Pro II reset to factory default
>
> Sam,
>
> As we mentioned, we have not found a use for clearing the memories, so the Z-11ProII does not have a memory reset.
>
> Dwayne Kincaid
> LDG
>
> de VE5KC
> http://www.amateur-radio.ca/
>

4119. Re:Z-11 Pro II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-03-23 22:57:52 UTC
From: Rudy
Topic: 4107 Message: 4119

Yes, I agree.

I found a 'hidden' reset sequence for the Z-817 which works dandy. Did not get a Nastygram from LDG so I will continue to use it.

--- In LDG-auto-tuners@yahoogroups.com, Sam <veast1@...> wrote:
>
> Hopefully the older reset procedure would work with the new one as i
> can't see NOT having the feature. You change antennas or make changes
> to the antennas you are currently using, or different field day
> antennas, etc. It would mean more unneeded memories to cycle through to
> get to the one you want. I found it very usefull when i had the
> AT-1000PRO.
>
>
>
>
>
> >
> > That possibly means that the reset for the older model works on the
> > newer one.
>
> --- In LDG-auto-tuners@yahoogroups.com, "Ken" <ve5kc@> wrote:
> >
> > Message #4073
> > http://groups.yahoo.com/group/LDG-auto-tuners/message/4073
> >
> > Re: Z11-PRO II
> >
> > The only spec that changed is the operating voltage. It's now 6 to 16
> volts at 300 mA. That allows 4 AA batteries to power it for about a
> year. You can even use a 9V battery for a weekend or two.
> >
> > Dwayne Kincaid
> > LDG
> >
> > Message #4111
> >
> > http://groups.yahoo.com/group/LDG-auto-tuners/message/4111
> >
> > Re:Z-11 Pro II reset to factory default
> >
> > Sam,
> >
> > As we mentioned, we have not found a use for clearing the memories, so

> the Z-11ProII does not have a memory reset.
> >
> > Dwayne Kincaid
> > LDG
> >
> > de VE5KC
> > http://www.amateur-radio.ca/
> >
>

4120. Re:Z-11 Pro II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-03-24 21:35:57 UTC
From: Dwayne
Topic: 4107 Message: 4120

Sam,

The number of memories has nothing to do with what is stored in them. The tuner only looks at memories at the frequency that you are operating. So clearing all of them provides no benefit for reprogramming for a new antenna.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, Sam <veast1@...> wrote:
>
> Hopefully the older reset procedure would work with the new one as i
> can't see NOT having the feature. You change antennas or make changes
> to the antennas you are currently using, or different field day
> antennas, etc. It would mean more unneeded memories to cycle through to
> get to the one you want. I found it very usefull when i had the
> AT-1000PRO.
>
>
>
>
>
> > That possibly means that the reset for the older model works on the
> > newer one.
>
> --- In LDG-auto-tuners@yahoogroups.com, "Ken" <ve5kc@> wrote:
> >
> > Message #4073
> > http://groups.yahoo.com/group/LDG-auto-tuners/message/4073
> >
> > Re: Z11-PRO II
> >
> > The only spec that changed is the operating voltage. It's now 6 to 16
> > volts at 300 mA. That allows 4 AA batteries to power it for about a
> > year. You can even use a 9V battery for a weekend or two.
> >
> > Dwayne Kincaid
> > LDG
> >
> > Message #4111
> >
> > http://groups.yahoo.com/group/LDG-auto-tuners/message/4111
> >
> > Re:Z-11 Pro II reset to factory default
> >

> > Sam,
> >
> > As we mentioned, we have not found a use for clearing the memories, so
> the Z-11ProII does not have a memory reset.
> >
> > Dwayne Kincaid
> > LDG
> >
> > de VE5KC
> > http://www.amateur-radio.ca/
> >
>

4121. Re: yaesu ft 920

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-03-24 21:36:44 UTC
From: Dwayne
Topic: 4117 Message: 4121

Derek,

LDG does not have an interface for the FT-920.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "derek.reid37" <derek.reid37@...> wrote:
>
> HI
> CAN YOU USE INTERFACE FOR AT100 PRO
> WITH YAESU FT 920
> MANY THANKS
> DEREK
>

4122. AT-100ProII

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-03-29 23:31:35 UTC
From: Dwayne
Topic: 4122 Message: 4122

Hi Folks,

The long awaited AT-100ProII will be shipping shortly. We've updated the web site to include the new AT-100ProII manual. You can download it now at the LDG website. Click Support on the left side, then Manuals, then choose AT-100ProII.

Dwayne Kincaid
LDG

4123. Using FT-857D, OTT to Z100 and PC logger at the same time.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-03-30 12:24:38 UTC
From: ANDY - N1ORK
Topic: 4123 Message: 4123

Ok, here's the situation:
I have an FT-857D and an LDG Z-100 ATU. I use the LDG OTT tuner interface which connects to the 8pin mini-din cat port on the 857D. I also want to use the CAT port to interface with my laptop logging program to control the 857D (read and set frequency). I know that I can use the Y-ACC (little red and black cable between the data jack on the 857 and the z-100) to control the tuner and the 857 cat port to work with the logger. But then I need to first lower the power on the
857, manually hit the tune button on the z100, raise the power on the 857 and then transmit.
My question:
Is there anyway to use the both the LDG OTT tuner interface and the PC logger at the same time via an 8pin mini-din 'Y' cable or some sort of DIN switch?
73 and Thanks for any help,
Andy - n1ork

4124. Re: [LDG-auto-tuners] AT-100ProII

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-03-31 07:57:54 UTC
From: CT2FZI IM58KR
Topic: 4122 Message: 4124

Hello Mr Dwayne, how are you doing?

Do you know when it will be possible to buy the AT-100ProII in Europe?

For instance, from UK?

Luis, CT2FZI

On Tue, Mar 30, 2010 at 12:31 AM, Dwayne <ldgyahoo@...>wrote:

>
>
> Hi Folks,
>
> The long awaited AT-100ProII will be shipping shortly. We've updated the
> web site to include the new AT-100ProII manual. You can download it now at
> the LDG website. Click Support on the left side, then Manuals, then choose
> AT-100ProII.
>
> Dwayne Kincaid
> LDG
>
>
>

--
73 de Luis, CT2FZI
http://www.qsl.net/ct2fzi

My antenna is bigger than yours!

[Non-text portions of this message have been removed]

4125. A Wire with AT-100Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-03-30 23:32:32 UTC
From: Rick
Topic: 4125 Message: 4125

Can I run a random wire with the at-100pro
Thanks
Rick / kd4dra

4126. Re: [LDG-auto-tuners] A Wire with AT-100Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-03-31 21:32:40 UTC
From: Dan Thayer
Topic: 4125 Message: 4126

"Yes, but..."

You cannot directly attach the random wire to the tuner. You will need a balun, which fits between the unbalanced coax antenna output of the tuner and the end of the random wire antenna. LDG's 4:1 balun would be a good choice.

Take a look at this for an explanation.

http://www.ldgelectronics.com/assets/manuals/RBAManual.pdf

Dan Thayer, W1CDT
Somers, CT

----- Original Message -----
From: "Rick" <rickb54@...>
To: <LDG-auto-tuners@yahoogroups.com>
Sent: Tuesday, March 30, 2010 7:32 PM
Subject: [LDG-auto-tuners] A Wire with AT-100Pro

Can I run a random wire with the at-100pro
Thanks
Rick / kd4dra

4127. Have you ever thought about making a...

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-03-31 21:51:01 UTC
From: Howard Z
Topic: 4127 Message: 4127

Have you ever thought about making a tuner with 4X the matching range?

Instead of 6 to 1000 ohm, make it 2 to 3000 or maybe 1 to 4000 ?

Back when I used the AT200PC, I would often need a 4 to 1 UNUN to raise the impedence of my low to the ground 320 foot horizontal loop to be able to tune all the MARS frequencies I needed.

Some other brand tuners have a broader tuner range, and tunes my horizontal loop antenna much easier - without the need of an UNUN to help it.

4128. Re: Have you ever thought about making a...

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-04-01 03:01:27 UTC
From: Dwayne
Topic: 4127 Message: 4128

Howard,

We look at that kind of thing all the time. Right now, we feel the 10 to 12 to 1 SWR range is the sweet spot for price vs performance. Any more range than that would significantly cost more and decrease the value of the performance that you would get in return.

The 10 to 1 range provides enough for many of the popular antennas currently being used. For those that have something outside of that range, an external balun or unun provides many installations with an easy solution (like what you were doing).

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "Howard Z" <Howard_Z@...> wrote:
>
>
> Have you ever thought about making a tuner with 4X the matching range?
>
> Instead of 6 to 1000 ohm, make it 2 to 3000 or maybe 1 to 4000 ?
>
> Back when I used the AT200PC, I would often need a 4 to 1 UNUN to raise the impedence of my low to the ground 320 foot horizontal loop to be able to tune all the MARS frequencies I needed.
>
> Some other brand tuners have a broader tuner range, and tunes my horizontal loop antenna much easier - without the need of an UNUN to help it.
>

4129. Proper hook-up of a YT-100

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-04-01 03:17:45 UTC
From: fishernoiter
Topic: 4129 Message: 4129

I have a 857D and a YT-100 that I want to use with my Chameleon V12 dipole antenna which covers both HF and 2m. I also have a Comet CF-530 that I would like to use rather than a coax switch. How would I properly set this up? (From HF out thru the YT-100 to the CF-530 or thru CF-530 than to the YT-100?) Has anybody done this?

Mike
KI6LNC

4130. LDG Y-OTT

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-04-01 14:15:04 UTC
From: dawort2001
Topic: 4130 Message: 4130

Hello,
Does anyone know the value of or have any interest in purchasing an LDG Y-OTT or Y-OTT with a like new Z100 tuner? Got rid of my FT-100 that wasn't used much and now have no use for this.
Thanks,
Dave AB9DK

4132. Re: Proper hook-up of a YT-100

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-04-01 19:08:16 UTC
From: Dwayne
Topic: 4129 Message: 4132

Hi Mike,

That's a great question. You don't want any of the VHF or UHF signals going through the tuner. The tuner only works (or passes) HF and 6M.

So from your radio HF output, then to the tuner, then to the HF port on the diplexer. From the radio VHF/UHF output to the VHF/UHF port on the diplexer. Then the antenna goes to the combined output of the diplexer.

It will work great and no antenna switch is needed.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "fishernoiter" <fishernoiter@...> wrote:
>
> I have a 857D and a YT-100 that I want to use with my Chameleon V12 dipole antenna which covers both HF and 2m. I also have a Comet CF-530 that I would like to use rather than a coax switch. How would I properly set this up? (From HF out thru the YT-100 to the CF-530 or thru CF-530 than to the YT-100?) Has anybody done this?
>
> Mike
> KI6LNC
>

4133. AT 100 Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-04-02 05:45:45 UTC
From: kd5kjd
Topic: 4133 Message: 4133

Hello folks...

I was working on my mobile set-up the other day. In fact, I was upgrading from my trusty Icom 706 MkII-G and Z100 hooked up to a Hamstick 20M antenna to an IC-7000 and LDG 100Pro to the same antenna. I was switching out the gear and hooked up all FB, or so I thought!

In my rush to finish before sundown I hooked up the Transceiver and Antenna ports backwards! I didn't know I had committed such a mistake! I finished up and drove back to my home from my girlfriend's house two hours away. While driving home I keyed up the rig and tried to catch an opening on 17. Every time I tried to key the mike on ANY HF frequency the rig would shut down! I kept thinking it was stray RF getting back into my rig.

Two days later, in frustration I switched out the 100Pro back to the Z100. It was only then that I realized my mistake. I rewired and hooked up the ports CORRECTLY this time and keyed the mike. All of a sudden the 100Pro buzzed and clicked and clattered to life! It worked perfectly! I was gratified to learn that the tuner had NOT died due to my mistake.

Is it possible that these fine tuners have built-in protection for goof-ups such as mine? Are they built tough enough to withstand such mistakes? Or are they both?

I don't know, but I am happy to report that my setup works FB.

Currently, the 7000 and the 100Pro are tied to 3 Hamsticks I switch out: One 20M Hamstick works 10M-20M, a 40M Hamstick for the entire band, and a 75M Hamstick for 3900-3950. I could use the 20M Hamstick for 40M, but it'd only tune 7.250-7.300 with constant tuning after each frequency change.

My advice to you, read TWICE, hook it up correctly ONCE.

The 706 and the Z100 plus an MFJ PS and a G5RV are going into a box for EmComm work. I will provide pics of all setups soon.

Signing off for now... albeit a bit more than embarrassed;

Luis KD5KJD

P.S. I am considering putting an IT100 in a gray electrical box and using it in lieu of an Icom AH4. I wish the tuner handled more power as I'd like to add a mobile amp capable of 500 watts.

4134. Re: Proper hook-up of a YT-100

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-04-02 03:44:12 UTC
From: fishernoiter
Topic: 4129 Message: 4134

Thanks Dwayne!

Hooked up tonight and it works like you said.....

Mike
KI6LNC

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
> Hi Mike,
>
> That's a great question. You don't want any of the VHF or UHF signals going through the tuner. The tuner only works (or passes) HF and 6M.
>
> So from your radio HF output, then to the tuner, then to the HF port on the diplexer. From the radio VHF/UHF output to the VHF/UHF port on the diplexer. Then the antenna goes to the combined output of the diplexer.
>
> It will work great and no antenna switch is needed.
>
> Dwayne Kincaid
> LDG
>
> --- In LDG-auto-tuners@yahoogroups.com, "fishernoiter" <fishernoiter@> wrote:
> >
> > I have a 857D and a YT-100 that I want to use with my Chameleon V12 dipole antenna which covers both HF and 2m. I also have a Comet CF-530 that I would like to use rather than a coax switch. How would I properly set this up? (From HF out thru the YT-100 to the CF-530 or thru CF-530 than to the YT-100?) Has anybody done this?
> >
> > Mike
> > KI6LNC
> >
>

4135. New Z11pro2

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-04-03 14:54:05 UTC
From: redflasher
Topic: 4135 Message: 4135

Anybody got a source for the battery holder to install in this tuner? Don't know why LDG didn't include one or offer it as an accessory. Rat Shack doesn't have anything around here except toys and mobile phones.

Bob in Minnesota KB0XR

4136. RE: [LDG-auto-tuners] New Z11pro2

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-04-03 16:00:37 UTC
From: Paul Brown
Topic: 4135 Message: 4136

Bob,

Radio Shack does have a holder. They have a spring clip design for 9 volt batteries, as well as the battery connector w/ leads. I have picked up several of these at Radio Shack. In my option, the reason why LDG does not offer this type of accessory, is that I don't think they recommend using the tuner that way. It does work, but really needs 11+ volts to work well. At least that is how mine is. On 9 volts (or less) some tuning issues develop. Anyway, my two cents worth.

Paul

From: LDG-auto-tuners@yahoogroups.com
[mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of redflasher
Sent: Saturday, April 03, 2010 8:54 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] New Z11pro2

Anybody got a source for the battery holder to install in this tuner? Don't know why LDG didn't include one or offer it as an accessory. Rat Shack doesn't have anything around here except toys and mobile phones.

Bob in Minnesota KB0XR

[Non-text portions of this message have been removed]

4137. Battery Holder

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-04-03 17:29:51 UTC
From: Damon Nesselrodt
Topic: 4137 Message: 4137

Here is a good source for online if you do not have one local to you. They have several different kinds/sizes.

http://www.frys.com/search?search_type=regular&sqxts=1&query_string=battery+holder&submit.x=0&submit.y=0&cat=0

Damon Nesselrodt

Amateur Radio Station
W4HDM
SKCC Area 4 Coordinator
SKCC 3729T
NAQCC 3633
SOUTHCARS 5866
WCC 51

[Non-text portions of this message have been removed]

4138. Re: [LDG-auto-tuners] New Z11pro2

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-04-03 20:35:47 UTC
From: Howard Bingham
Topic: 4135 Message: 4138

At 09:54 AM 4/3/2010, redflasher wrote:
>Anybody got a source for the battery holder to install in this
>tuner? Don't know why LDG didn't include one or offer it as an
>accessory. Rat Shack doesn't have anything around here except toys
>and mobile phones.
>
>Bob in Minnesota KB0XR
--

Try the Radio Shack web page, as they offer many items not found in
all the stores..

I don't know what type of holder is needed, but have picked up
holders for both 4 & 6 AA batteries in recent past (The 4 battery
holders typically have a connection similar to that found on 9v batteries.)

www.RadioShack.com

Howard Bingham
KE5APJ

--

[Non-text portions of this message have been removed]

4139. Re: New Z11pro2

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-04-03 20:59:02 UTC
From: Dwayne
Topic: 4135 Message: 4139

Hi Bob,

We don't include the holder as not everyone needs one. Our polls show that a very small percentage if users operate the Z-11ProII from batteries. However, we altered the design and added the solder terminals for those that want to run it on 6 internal AA batteries. The manual has several links to places to purchase the holder as well as the excellent suggestions provided from the group.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "redflasher" <redflasher@...> wrote:
>
> Anybody got a source for the battery holder to install in this tuner? Don't know why LDG didn't include one or offer it as an accessory. Rat Shack doesn't have anything around here except toys and mobile phones.
>
> Bob in Minnesota KB0XR
>

4140. Re: RE: [LDG-auto-tuners] New Z11pro2

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-04-04 14:04:25 UTC
From: SATYAN VU3MES
Topic: 4135 Message: 4140

hello group

i had a z11pro purchased from w4rt.com sometime back, i got it with a 6 pack battery holder installed. i use the batteries only when i use it mobile as i found once that battaries leaked inside. since then i have it connected to the 13.8v power supply source in the shack when i use it stationary.

73s de VU3MES
chennai - india - qth location website.
http://www.findu.com/cgi-bin/find.cgi?call=vu3mes
http://www.qrz.com/callsign/vu3mes
http://www.satyansarath.param.mobi [mobile web page]

----- Original message -----
From: "Paul Brown□" <brown715@...>
To: <LDG-auto-tuners@yahoogroups.com>
Subject: RE: [LDG-auto-tuners] New Z11pro2
Date: Sat, 3 Apr 2010 10:00:37 -0600

?

Bob,

Radio Shack does have a holder. They have a spring clip design for 9 volt batteries, as well as the battery connector w/ leads. I have picked up several of these at Radio Shack. In my option, the reason why LDG does not
offer this type of accessory, is that I don't think they recommend using the
tuner that way. It does work, but really needs 11+ volts to work well. At least that is how mine is. On 9 volts (or less) some tuning issues develop.
Anyway, my two cents worth.

Paul

From: LDG-auto-tuners@yahoogroups.com
[mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of redflasher
Sent: Saturday, April 03, 2010 8:54 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] New Z11pro2

Anybody got a source for the battery holder to install in this tuner? Don't
know why LDG didn't include one or offer it as an accessory. Rat Shack doesn't have anything around here except toys and mobile phones.

Bob in Minnesota KB0XR

[Non-text portions of this message have been removed]

?

Ovi Mail: Free email account from Nokia
http://mail.ovi.com

[Non-text portions of this message have been removed]

4142. which balun?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-04-04 17:59:25 UTC
From: k3mrk
Topic: 4142 Message: 4142

Hello
I am new to the group and could use some help with some questions.
I am getting ready to pull down my existing OCF Dipole and put up a 130ft, somewhat inverted Vee fed with 450ohm ladder line. The ladder line run will be approx 70ft. i then want to run the last 10ft to the tuner with 50 ohm coax. I use an AT-100pro, so I have to run coax to the tuner. the last time i used a balanced feedline, i had a roller inductor tuner with the balun built in.
I was pretty sure I was going to get the LDG 4:1 current balun for this set up. Now I am seeing some references to using a 1:1. I'm trying to learn as much as possible about baluns to make the right decision. But I'm not there yet. the more I read....the less I'm sure.
The antenna will be of equal lengths on both sides. the apex will be at about 60ft and i will work mostly 80-17m.
So what are your thoughts?
Thanks in advance for the help.
Mark
K3MRK

4143. Re: New Z11pro2

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-04-04 22:42:07 UTC
From: Steve
Topic: 4135 Message: 4143

As far as the Z11/Pro,the solution that I use in my setup is to install one of the lowcost 12 volt model airplane NmH batteries andjust plug it into the socket, easy finds on E*ch. On the second one I went a bit overboard and found a 12 volt NmH pack that fits inside th case, drilled a small hole with a gromet and the plug hangs outside just long enough to connect to the power jack saves on a switch but still self contained, made a small adapter to charge the pack when needed.
No point pulling power from the FT-817....
When I did this I installed a small 9:1 inside of the Pro, small mini switch and a RCA as the long wire feeder, works like a "gangbusters"
Steve
AB2ET

--- In LDG-auto-tuners@yahoogroups.com, Howard Bingham <ke5apj@...> wrote:
>
> At 09:54 AM 4/3/2010, redflasher wrote:
> >Anybody got a source for the battery holder to install in this
> >tuner? Don't know why LDG didn't include one or offer it as an
> >accessory. Rat Shack doesn't have anything around here except toys
> >and mobile phones.
> >
> >Bob in Minnesota KB0XR
> --
>
> Try the Radio Shack web page, as they offer many items not found in
> all the stores..
>
> I don't know what type of holder is needed, but have picked up
> holders for both 4 & 6 AA batteries in recent past (The 4 battery
> holders typically have a connection similar to that found on 9v batteries.)
>
> www.RadioShack.com
>
> Howard Bingham
> KE5APJ
>
> --
>
> [Non-text portions of this message have been removed]
>

4144. Re: [LDG-auto-tuners] which balun?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-04-05 16:44:23 UTC
From: CT2FZI IM58KR
Topic: 4142 Message: 4144

Hello Mark,

How are you doing?

When people say 1:1 balun they are referring to a CURRENT balun.

Both LDG balun are VOLTAGE.

The firs ones work fab on loops, ladder line feedline, ocf and dipoles...

Just wound 12 to 14 turns of figure 8 wire (1mm each threads, insulated) or
RG-316 or similar in a FT-240-61 toroid and off you go.

In example: http://www.karinya.net/g3txq/temp/current_balun2.jpg

Note that the "cross-over" in the winding of the RG- 316is not essential -
it's just a neat trick to put the output side of the balun opposite the
input side.

Or use the "ugly balun": http://www.hamuniverse.com/balun.html :D

Please read the ugly balun site, good stuff.

On Sun, Apr 4, 2010 at 6:59 PM, k3mrk <k3mrk1@...> wrote:

>
>
> Hello
> I am new to the group and could use some help with some questions.
> I am getting ready to pull down my existing OCF Dipole and put up a 130ft,
> somewhat inverted Vee fed with 450ohm ladder line. The ladder line run will
> be approx 70ft. i then want to run the last 10ft to the tuner with 50 ohm
> coax. I use an AT-100pro, so I have to run coax to the tuner. the last time
> i used a balanced feedline, i had a roller inductor tuner with the balun
> built in.
> I was pretty sure I was going to get the LDG 4:1 current balun for this set
> up. Now I am seeing some references to using a 1:1. I'm trying to learn as
> much as possible about baluns to make the right decision. But I'm not there
> yet. the more I read....the less I'm sure.
> The antenna will be of equal lengths on both sides. the apex will be at
> about 60ft and i will work mostly 80-17m.
> So what are your thoughts?
> Thanks in advance for the help.
> Mark
> K3MRK
>
>

--
73 de Luis, CT2FZI
http://www.qsl.net/ct2fzi

My antenna is bigger than yours!

[Non-text portions of this message have been removed]

4145. Re: which balun?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-04-05 21:31:51 UTC
From: Howard Z
Topic: 4142 Message: 4145

I got best results using a 4:1 UNUN to increase the impedance.

A typical 1:4 balun reduces the impedance by a factor of 4. I used a 1:1 balun and then a 4:1 UNUN to INCREASE the impedance.

One needs to remember that a low dipole or horizontal loop antenna as much lower impedance compared to one that is mounted high in the air.

Tuners are typically weak on matching a low impedance antenna.

Howard

--- In LDG-auto-tuners@yahoogroups.com, "k3mrk" <k3mrk1@...> wrote:
>
> Hello
> I am new to the group and could use some help with some questions.
> I am getting ready to pull down my existing OCF Dipole and put up a 130ft, somewhat inverted Vee fed with 450ohm ladder line. The ladder line run will be approx 70ft. i then want to run the last 10ft to the tuner with 50 ohm coax. I use an AT-100pro, so I have to run coax to the tuner. the last time i used a balanced feedline, i had a roller inductor tuner with the balun built in.
> I was pretty sure I was going to get the LDG 4:1 current balun for this set up. Now I am seeing some references to using a 1:1. I'm trying to learn as much as possible about baluns to make the right decision. But I'm not there yet. the more I read....the less I'm sure.
> The antenna will be of equal lengths on both sides. the apex will be at about 60ft and i will work mostly 80-17m.
> So what are your thoughts?
> Thanks in advance for the help.
> Mark
> K3MRK
>

4146. Re: [LDG-auto-tuners] Re: which balun?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-04-06 08:02:51 UTC
From: CT2FZI IM58KR
Topic: 4142 Message: 4146

Hello group,

Not to be picky, but of course you will get different results in different setups, in different bands.

The best you can do is to build 2 baluns with a switch.

Have a look here: http://www.qsl.net/n1lo/n1lobaln.pdf

You will have both worlds, different bands will work with different baluns.

That said a 1:1 CURRENT balun is better than any voltage balun ;)

Luis, CT2FZI

On Mon, Apr 5, 2010 at 10:31 PM, Howard Z <Howard_Z@yahoo.com> wrote:

>
>
> I got best results using a 4:1 UNUN to increase the impedance.
>
> A typical 1:4 balun reduces the impedance by a factor of 4. I used a 1:1
> balun and then a 4:1 UNUN to INCREASE the impedance.
>
> One needs to remember that a low dipole or horizontal loop antenna as much
> lower impedance compared to one that is mounted high in the air.
>
> Tuners are typically weak on matching a low impedance antenna.
>
> Howard
>
>
> --- In LDG-auto-tuners@yahoogroups.com <LDG-auto-tuners%40yahoogroups.com>,
> "k3mrk" <k3mrk1@...> wrote:
> >
> > Hello
> > I am new to the group and could use some help with some questions.
> > I am getting ready to pull down my existing OCF Dipole and put up a
> 130ft, somewhat inverted Vee fed with 450ohm ladder line. The ladder line
> run will be approx 70ft. i then want to run the last 10ft to the tuner with
> 50 ohm coax. I use an AT-100pro, so I have to run coax to the tuner. the
> last time i used a balanced feedline, i had a roller inductor tuner with the
> balun built in.
> > I was pretty sure I was going to get the LDG 4:1 current balun for this
> set up. Now I am seeing some references to using a 1:1. I'm trying to learn
> as much as possible about baluns to make the right decision. But I'm not
> there yet. the more I read....the less I'm sure.

> > The antenna will be of equal lengths on both sides. the apex will be at
> about 60ft and i will work mostly 80-17m.
> > So what are your thoughts?
> > Thanks in advance for the help.
> > Mark
> > K3MRK
> >
>
>
>

--
73 de Luis, CT2FZI
http://www.qsl.net/ct2fzi

My antenna is bigger than yours!

[Non-text portions of this message have been removed]

4147. Re: which balun?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-04-06 11:03:25 UTC
From: lostfrogsrecords
Topic: 4142 Message: 4147

I recommend checking out this article:

http://www.dxengineering.com/techarticlepopup.asp?ID={3E5220F7-2D0F-45B5\
-85F7-3B654F804C4F}

It describes most antenna scenarios and their appropriate BALUN style.
So-far their advice has been correct at my antenna farm <g>!

Dave KI4PSR

--- In LDG-auto-tuners@yahoogroups.com, "k3mrk" <k3mrk1@...> wrote:
>
> Hello
> I am new to the group and could use some help with some questions.
> I am getting ready to pull down my existing OCF Dipole and put up a
130ft, somewhat inverted Vee fed with 450ohm ladder line. The ladder
line run will be approx 70ft. i then want to run the last 10ft to the
tuner with 50 ohm coax. I use an AT-100pro, so I have to run coax to the
tuner. the last time i used a balanced feedline, i had a roller inductor
tuner with the balun built in.
> I was pretty sure I was going to get the LDG 4:1 current balun for
this set up. Now I am seeing some references to using a 1:1. I'm trying
to learn as much as possible about baluns to make the right decision.
But I'm not there yet. the more I read....the less I'm sure.
> The antenna will be of equal lengths on both sides. the apex will be
at about 60ft and i will work mostly 80-17m.
> So what are your thoughts?
> Thanks in advance for the help.
> Mark
> K3MRK
>

4148. Re: New Z11pro2

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-04-06 12:52:36 UTC
From: redflasher
Topic: 4135 Message: 4148

How about it, LDG? Is my z11pro2 going to work correctly with 6 AA's used as power for it? I found some holders on the internet but won't waste my time or money if it won't work on 9V.

Bob in Minnesota KB0XR

--- In LDG-auto-tuners@yahoogroups.com, "Paul Brown" <brown715@...> wrote:
>
> Bob,
>
>
>
> Radio Shack does have a holder. They have a spring clip design for 9 volt
> batteries, as well as the battery connector w/ leads. I have picked up
> several of these at Radio Shack. In my option, the reason why LDG does not
> offer this type of accessory, is that I don't think they recommend using the
> tuner that way. It does work, but really needs 11+ volts to work well. At
> least that is how mine is. On 9 volts (or less) some tuning issues develop.
> Anyway, my two cents worth.
>
>
>
> Paul
>
>
>
> From: LDG-auto-tuners@yahoogroups.com
> [mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of redflasher
> Sent: Saturday, April 03, 2010 8:54 AM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: [LDG-auto-tuners] New Z11pro2
>
>
>
>
>
>
> Anybody got a source for the battery holder to install in this tuner? Don't
> know why LDG didn't include one or offer it as an accessory. Rat Shack
> doesn't have anything around here except toys and mobile phones.
>
> Bob in Minnesota KB0XR
>
>
>
>
>

>
> [Non-text portions of this message have been removed]
>

4149. RE: [LDG-auto-tuners] Re: which balun?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-04-06 01:17:11 UTC
From: Mark Walton
Topic: 4142 Message: 4149

It sounds like I need to do some experimenting. That's means my most economical solution is to build whatever I try. Baluns and ununs are not cheap to buy. My main objective is to get the ladderline to the tuner. The LDG tuner I have wont handle a balanced load. Thanks for the suggestions. Much appreciated.

From: LDG-auto-tuners@yahoogroups.com
[mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Howard Z
Sent: Monday, April 05, 2010 5:32 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: which balun?

I got best results using a 4:1 UNUN to increase the impedance.

A typical 1:4 balun reduces the impedance by a factor of 4. I used a 1:1 balun and then a 4:1 UNUN to INCREASE the impedance.

One needs to remember that a low dipole or horizontal loop antenna as much lower impedance compared to one that is mounted high in the air.

Tuners are typically weak on matching a low impedance antenna.

Howard

--- In LDG-auto-tuners@yahoogroups.com
<mailto:LDG-auto-tuners%40yahoogroups.com> , "k3mrk" <k3mrk1@...> wrote:
>
> Hello
> I am new to the group and could use some help with some questions.
> I am getting ready to pull down my existing OCF Dipole and put up a 130ft, somewhat inverted Vee fed with 450ohm ladder line. The ladder line run will be approx 70ft. i then want to run the last 10ft to the tuner with 50 ohm coax. I use an AT-100pro, so I have to run coax to the tuner. the last time i used a balanced feedline, i had a roller inductor tuner with the balun built in.
> I was pretty sure I was going to get the LDG 4:1 current balun for this set up. Now I am seeing some references to using a 1:1. I'm trying to learn as much as possible about baluns to make the right decision. But I'm not there yet. the more I read....the less I'm sure.
> The antenna will be of equal lengths on both sides. the apex will be at about 60ft and i will work mostly 80-17m.
> So what are your thoughts?
> Thanks in advance for the help.
> Mark
> K3MRK
>

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.5.437 / Virus Database: 271.1.1/2785 - Release Date: 04/05/10
06:32:00

[Non-text portions of this message have been removed]

4150. Re: which balun?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-04-06 11:36:23 UTC
From: Rudy
Topic: 4142 Message: 4150

This might work better.

http://tinyurl.com/ykscqxx

--- In LDG-auto-tuners@yahoogroups.com, "lostfrogsrecords" <dave@...> wrote:
>
> I recommend checking out this article:
>
> http://www.dxengineering.com/techarticlepopup.asp?ID={3E5220F7-2D0F-45B5\
> -85F7-3B654F804C4F}
>
>
> It describes most antenna scenarios and their appropriate BALUN style.
> So-far their advice has been correct at my antenna farm <g>!
>
> Dave KI4PSR
>
>
> --- In LDG-auto-tuners@yahoogroups.com, "k3mrk" <k3mrk1@> wrote:
> >
> > Hello
> > I am new to the group and could use some help with some questions.
> > I am getting ready to pull down my existing OCF Dipole and put up a
> 130ft, somewhat inverted Vee fed with 450ohm ladder line. The ladder
> line run will be approx 70ft. i then want to run the last 10ft to the
> tuner with 50 ohm coax. I use an AT-100pro, so I have to run coax to the
> tuner. the last time i used a balanced feedline, i had a roller inductor
> tuner with the balun built in.
> > I was pretty sure I was going to get the LDG 4:1 current balun for
> this set up. Now I am seeing some references to using a 1:1. I'm trying
> to learn as much as possible about baluns to make the right decision.
> But I'm not there yet. the more I read....the less I'm sure.
> > The antenna will be of equal lengths on both sides. the apex will be
> at about 60ft and i will work mostly 80-17m.
> > So what are your thoughts?
> > Thanks in advance for the help.
> > Mark
> > K3MRK
> >
>

4151. Re: New Z11pro2

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-04-06 13:20:51 UTC
From: k2lrv
Topic: 4135 Message: 4151

My question to Paul would be what specifically are the "tuning issues" that develop?

--- In LDG-auto-tuners@yahoogroups.com, "redflasher" <redflasher@...> wrote:
>
> How about it, LDG? Is my z11pro2 going to work correctly with 6 AA's used as power for it? I found some holders on the internet but won't waste my time or money if it won't work on 9V.
>
> Bob in Minnesota KB0XR
>
> --- In LDG-auto-tuners@yahoogroups.com, "Paul Brown" <brown715@> wrote:
> >
> > Bob,
> >
> >
> >
> > Radio Shack does have a holder. They have a spring clip design for 9 volt
> > batteries, as well as the battery connector w/ leads. I have picked up
> > several of these at Radio Shack. In my option, the reason why LDG does not
> > offer this type of accessory, is that I don't think they recommend using the
> > tuner that way. It does work, but really needs 11+ volts to work well. At
> > least that is how mine is. On 9 volts (or less) some tuning issues develop.
> > Anyway, my two cents worth.
> >
> >
> >
> > Paul
> >
> >
> >
> > From: LDG-auto-tuners@yahoogroups.com
> > [mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of redflasher
> > Sent: Saturday, April 03, 2010 8:54 AM
> > To: LDG-auto-tuners@yahoogroups.com
> > Subject: [LDG-auto-tuners] New Z11pro2
> >
> >
> >
> >
> >
> >
> > Anybody got a source for the battery holder to install in this tuner? Don't
> > know why LDG didn't include one or offer it as an accessory. Rat Shack
> > doesn't have anything around here except toys and mobile phones.
> >
> > Bob in Minnesota KB0XR

> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

4152. Re: New Z11pro2

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-04-06 14:04:22 UTC
From: Dwayne
Topic: 4135 Message: 4152

Hi Bob,

As the specs on the LDG web site say, the Z-11ProII goes down to 6 volts. It was the Z-11Pro (plain) that required 11 volts or higher.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "redflasher" <redflasher@...> wrote:
>
> How about it, LDG? Is my z11pro2 going to work correctly with 6 AA's used as power for it? I found some holders on the internet but won't waste my time or money if it won't work on 9V.
>
> Bob in Minnesota KB0XR
>
> --- In LDG-auto-tuners@yahoogroups.com, "Paul Brown" <brown715@> wrote:
> >
> > Bob,
> >
> >
> >
> > Radio Shack does have a holder. They have a spring clip design for 9 volt
> > batteries, as well as the battery connector w/ leads. I have picked up
> > several of these at Radio Shack. In my option, the reason why LDG does not
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> > tuner that way. It does work, but really needs 11+ volts to work well. At
> > least that is how mine is. On 9 volts (or less) some tuning issues develop.
> > Anyway, my two cents worth.
> >
> >
> >
> > Paul
> >
> >
> >
> > From: LDG-auto-tuners@yahoogroups.com
> > [mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of redflasher
> > Sent: Saturday, April 03, 2010 8:54 AM
> > To: LDG-auto-tuners@yahoogroups.com
> > Subject: [LDG-auto-tuners] New Z11pro2
> >
> >
> >
> >
> >

> > Anybody got a source for the battery holder to install in this tuner? Don't
> > know why LDG didn't include one or offer it as an accessory. Rat Shack
> > doesn't have anything around here except toys and mobile phones.
> >
> > Bob in Minnesota KB0XR
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

4153. Re: [LDG-auto-tuners] Re: which balun?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-04-06 15:22:35 UTC
From: Alan Biocca
Topic: 4142 Message: 4153

A 1:1 choke balun is probably the best place to start. Simple and effective. Get a good core and wind small coax or a pair of #14's taped together. If that is insufficient you can add impedance transformation later, but keep the 1:1 for balance.

-- Alan, wb6zqz (designer, triple ratio balun & triple ratio switch balun)

On Mon, Apr 5, 2010 at 6:17 PM, Mark Walton <k3mrk1@...> wrote:

>
>
> It sounds like I need to do some experimenting. That's means my most
> economical solution is to build whatever I try. Baluns and ununs are not
> cheap to buy. My main objective is to get the ladderline to the tuner. The
> LDG tuner I have wont handle a balanced load. Thanks for the suggestions.
> Much appreciated.
>
> From: LDG-auto-tuners@yahoogroups.com <LDG-auto-tuners%40yahoogroups.com>
> [mailto:LDG-auto-tuners@yahoogroups.com<LDG-auto-tuners%40yahoogroups.com>]
> On Behalf Of Howard Z
> Sent: Monday, April 05, 2010 5:32 PM
> To: LDG-auto-tuners@yahoogroups.com <LDG-auto-tuners%40yahoogroups.com>
> Subject: [LDG-auto-tuners] Re: which balun?
>
>
> I got best results using a 4:1 UNUN to increase the impedance.
>
> A typical 1:4 balun reduces the impedance by a factor of 4. I used a 1:1
> balun and then a 4:1 UNUN to INCREASE the impedance.
>
> One needs to remember that a low dipole or horizontal loop antenna as much
> lower impedance compared to one that is mounted high in the air.
>
> Tuners are typically weak on matching a low impedance antenna.
>
> Howard
>
> --- In LDG-auto-tuners@yahoogroups.com <LDG-auto-tuners%40yahoogroups.com>
> <mailto:LDG-auto-tuners%40yahoogroups.com<LDG-auto-tuners%2540yahoogroups.com>>
> , "k3mrk" <k3mrk1@...> wrote:
> >
> > Hello
> > I am new to the group and could use some help with some questions.
> > I am getting ready to pull down my existing OCF Dipole and put up a
> 130ft,
> somewhat inverted Vee fed with 450ohm ladder line. The ladder line run will

> be approx 70ft. i then want to run the last 10ft to the tuner with 50 ohm
> coax. I use an AT-100pro, so I have to run coax to the tuner. the last time
> i used a balanced feedline, i had a roller inductor tuner with the balun
> built in.
> > I was pretty sure I was going to get the LDG 4:1 current balun for this
> set up. Now I am seeing some references to using a 1:1. I'm trying to learn
> as much as possible about baluns to make the right decision. But I'm not
> there yet. the more I read....the less I'm sure.
> > The antenna will be of equal lengths on both sides. the apex will be at
> about 60ft and i will work mostly 80-17m.
> > So what are your thoughts?
> > Thanks in advance for the help.
> > Mark
> > K3MRK
> >
>
> No virus found in this incoming message.
> Checked by AVG - www.avg.com
> Version: 8.5.437 / Virus Database: 271.1.1/2785 - Release Date: 04/05/10
> 06:32:00
>
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

4154. Re: which balun?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-04-06 16:12:07 UTC
From: lostfrogsrecords
Topic: 4142 Message: 4154

Thanks Rudy!

Dave

--- In LDG-auto-tuners@yahoogroups.com, "Rudy" <benner@...> wrote:
>
> This might work better.
>
> http://tinyurl.com/ykscqxx
>
> --- In LDG-auto-tuners@yahoogroups.com, "lostfrogsrecords" dave@
wrote:
> >
> > I recommend checking out this article:
> >
> >
http://www.dxengineering.com/techarticlepopup.asp?ID={3E5220F7-2D0F-45B5\
\
> > -85F7-3B654F804C4F}
> >
> >
> > It describes most antenna scenarios and their appropriate BALUN
style.
> > So-far their advice has been correct at my antenna farm <g>!
> >
> > Dave KI4PSR
> >
> >
> > --- In LDG-auto-tuners@yahoogroups.com, "k3mrk" <k3mrk1@> wrote:
> > >
> > > Hello
> > > I am new to the group and could use some help with some questions.
> > > I am getting ready to pull down my existing OCF Dipole and put up
a
> > 130ft, somewhat inverted Vee fed with 450ohm ladder line. The ladder
> > line run will be approx 70ft. i then want to run the last 10ft to
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> > tuner with 50 ohm coax. I use an AT-100pro, so I have to run coax to
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> > tuner. the last time i used a balanced feedline, i had a roller
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> > tuner with the balun built in.
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> > to learn as much as possible about baluns to make the right
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> > at about 60ft and i will work mostly 80-17m.
> > > So what are your thoughts?
> > > Thanks in advance for the help.
> > > Mark
> > > K3MRK
> > >
> >
>

4155. Re: which balun?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-04-06 17:09:03 UTC
From: Howard Z
Topic: 4142 Message: 4155

This is the UN-UN I purchased when I used the LDG AT200PC tuner. This tuner needed "help" from an UNUN or BalUn as it did not have enough tuning range. Particularly for low impedance antenna like a dipole or horizontal loop low to the ground (10 to 20 ft high).

http://www.cwsbytemark.com/ununs/1.78to1-HMMU50.pdf

It costs $65 and has many connectors to try different ratios:
1.26:1 1.78:1 2.25:1 3.06:1 4:1 9:1 12.25:1 and 16:1

Then if you connect the antenna and radio to opposite sides you get ratios: 1:1.26 1:1.78 1:2.25 1:3.06 1:4 1:12.25 and 1:16

So you can use this to either lower the impedance or to raise the impedance. I wish it had BNC connects, as that makes moving to different ratios quicker and easier. I ended up buying several PL259 to BNC-F adapters.

I believe this is a voltage UNUN, not a current one.

Howard

--- In LDG-auto-tuners@yahoogroups.com, "Mark Walton" <k3mrk1@...> wrote:
>
> It sounds like I need to do some experimenting. That's means my most
> economical solution is to build whatever I try. Baluns and ununs are not
> cheap to buy. My main objective is to get the ladderline to the tuner. The
> LDG tuner I have wont handle a balanced load. Thanks for the suggestions.
> Much appreciated.
>
> From: LDG-auto-tuners@yahoogroups.com
> [mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Howard Z
> Sent: Monday, April 05, 2010 5:32 PM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: [LDG-auto-tuners] Re: which balun?
>
>
>
>
>
>
> I got best results using a 4:1 UNUN to increase the impedance.
>
> A typical 1:4 balun reduces the impedance by a factor of 4. I used a 1:1
> balun and then a 4:1 UNUN to INCREASE the impedance.
>
> One needs to remember that a low dipole or horizontal loop antenna as much
> lower impedance compared to one that is mounted high in the air.
>
> Tuners are typically weak on matching a low impedance antenna.

>
> Howard
>
> --- In LDG-auto-tuners@yahoogroups.com
> <mailto:LDG-auto-tuners%40yahoogroups.com> , "k3mrk" <k3mrk1@> wrote:
> >
> > Hello
> > I am new to the group and could use some help with some questions.
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> somewhat inverted Vee fed with 450ohm ladder line. The ladder line run will
> be approx 70ft. i then want to run the last 10ft to the tuner with 50 ohm
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> i used a balanced feedline, i had a roller inductor tuner with the balun
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> > I was pretty sure I was going to get the LDG 4:1 current balun for this
> set up. Now I am seeing some references to using a 1:1. I'm trying to learn
> as much as possible about baluns to make the right decision. But I'm not
> there yet. the more I read....the less I'm sure.
> > The antenna will be of equal lengths on both sides. the apex will be at
> about 60ft and i will work mostly 80-17m.
> > So what are your thoughts?
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> > K3MRK
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>
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> Version: 8.5.437 / Virus Database: 271.1.1/2785 - Release Date: 04/05/10
> 06:32:00
>
>
>
> [Non-text portions of this message have been removed]
>

4156. yt-100 Questions

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-04-06 18:58:51 UTC
From: Glenn and Linda Feldhouse
Topic: 4156 Message: 4156

Hi all,
I am the proud owner of a yeasu FT100 d radio that I use as a portable rig.
I would like to get a YT-100 tuner for this radio but I have a couple of questions first.

After reading the manual and watching the you tube tutorial I still can't figure out if this unit will act as a normal autotuner. If it is at or near a frequency that is stored in memory will it instantly tune to that freq. without pressing the tune button?
Will keying the mic initiate a full tune as my at 200pro does or is it necessary to press the tune button to get the tuner to function each time the frequency is changed or say a different antenna is connected.

Thanx
Glenn KB1FFE

[Non-text portions of this message have been removed]

4157. RE: [LDG-auto-tuners] Re: which balun?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-04-06 23:04:25 UTC
From: Mark Walton
Topic: 4142 Message: 4157

I am still researching.
Thanks for the links. They were very helpful

-----Original Message-----
From: LDG-auto-tuners@yahoogroups.com
[mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of CT2FZI IM58KR
Sent: Tuesday, April 06, 2010 4:03 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] Re: which balun?

Hello group,

Not to be picky, but of course you will get different results in different
setups, in different bands.

The best you can do is to build 2 baluns with a switch.

Have a look here: http://www.qsl.net/n1lo/n1lobaln.pdf

You will have both worlds, different bands will work with different baluns.

That said a 1:1 CURRENT balun is better than any voltage balun ;)

Luis, CT2FZI

On Mon, Apr 5, 2010 at 10:31 PM, Howard Z <Howard_Z@...> wrote:

>
>
> I got best results using a 4:1 UNUN to increase the impedance.
>
> A typical 1:4 balun reduces the impedance by a factor of 4. I used a 1:1
> balun and then a 4:1 UNUN to INCREASE the impedance.
>
> One needs to remember that a low dipole or horizontal loop antenna as much
> lower impedance compared to one that is mounted high in the air.
>
> Tuners are typically weak on matching a low impedance antenna.
>
> Howard
>
>
> --- In LDG-auto-tuners@yahoogroups.com
<LDG-auto-tuners%40yahoogroups.com>,
> "k3mrk" <k3mrk1@...> wrote:
> >
> > Hello

> > I am new to the group and could use some help with some questions.
> > I am getting ready to pull down my existing OCF Dipole and put up a
> 130ft, somewhat inverted Vee fed with 450ohm ladder line. The ladder line
> run will be approx 70ft. i then want to run the last 10ft to the tuner
with
> 50 ohm coax. I use an AT-100pro, so I have to run coax to the tuner. the
> last time i used a balanced feedline, i had a roller inductor tuner with
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> balun built in.
> > I was pretty sure I was going to get the LDG 4:1 current balun for this
> set up. Now I am seeing some references to using a 1:1. I'm trying to
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> as much as possible about baluns to make the right decision. But I'm not
> there yet. the more I read....the less I'm sure.
> > The antenna will be of equal lengths on both sides. the apex will be at
> about 60ft and i will work mostly 80-17m.
> > So what are your thoughts?
> > Thanks in advance for the help.
> > Mark
> > K3MRK
> >
>
>
>

--
73 de Luis, CT2FZI
http://www.qsl.net/ct2fzi

My antenna is bigger than yours!

[Non-text portions of this message have been removed]

Yahoo! Groups Links

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.5.437 / Virus Database: 271.1.1/2785 - Release Date: 04/05/10
18:32:00

4158. RE: [LDG-auto-tuners] Re: which balun?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-04-07 02:34:21 UTC
From: Mark Walton
Topic: 4142 Message: 4158

Im trying to put a balanced feedline to an unbalanced coax run to the radio.
I always thought this required a BAL/UN

From: LDG-auto-tuners@yahoogroups.com
[mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Howard Z
Sent: Tuesday, April 06, 2010 1:09 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: which balun?

This is the UN-UN I purchased when I used the LDG AT200PC tuner. This tuner
needed "help" from an UNUN or BalUn as it did not have enough tuning range.
Particularly for low impedance antenna like a dipole or horizontal loop low
to the ground (10 to 20 ft high).

http://www.cwsbytemark.com/ununs/1.78to1-HMMU50.pdf

It costs $65 and has many connectors to try different ratios:
1.26:1 1.78:1 2.25:1 3.06:1 4:1 9:1 12.25:1 and 16:1

Then if you connect the antenna and radio to opposite sides you get ratios:
1:1.26 1:1.78 1:2.25 1:3.06 1:4 1:12.25 and 1:16

So you can use this to either lower the impedance or to raise the impedance.
I wish it had BNC connects, as that makes moving to different ratios quicker
and easier. I ended up buying several PL259 to BNC-F adapters.

I believe this is a voltage UNUN, not a current one.

Howard

--- In LDG-auto-tuners@yahoogroups.com
<mailto:LDG-auto-tuners%40yahoogroups.com> , "Mark Walton" <k3mrk1@...>
wrote:
>
> It sounds like I need to do some experimenting. That's means my most
> economical solution is to build whatever I try. Baluns and ununs are not
> cheap to buy. My main objective is to get the ladderline to the tuner. The
> LDG tuner I have wont handle a balanced load. Thanks for the suggestions.
> Much appreciated.
>
> From: LDG-auto-tuners@yahoogroups.com
<mailto:LDG-auto-tuners%40yahoogroups.com>
> [mailto:LDG-auto-tuners@yahoogroups.com
<mailto:LDG-auto-tuners%40yahoogroups.com>] On Behalf Of Howard Z
> Sent: Monday, April 05, 2010 5:32 PM
> To: LDG-auto-tuners@yahoogroups.com
<mailto:LDG-auto-tuners%40yahoogroups.com>

> Subject: [LDG-auto-tuners] Re: which balun?
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>
>
>
>
> I got best results using a 4:1 UNUN to increase the impedance.
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> A typical 1:4 balun reduces the impedance by a factor of 4. I used a 1:1
> balun and then a 4:1 UNUN to INCREASE the impedance.
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> One needs to remember that a low dipole or horizontal loop antenna as much
> lower impedance compared to one that is mounted high in the air.
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> Tuners are typically weak on matching a low impedance antenna.
>
> Howard
>
> --- In LDG-auto-tuners@yahoogroups.com
<mailto:LDG-auto-tuners%40yahoogroups.com>
> <mailto:LDG-auto-tuners%40yahoogroups.com> , "k3mrk" <k3mrk1@> wrote:
> >
> > Hello
> > I am new to the group and could use some help with some questions.
> > I am getting ready to pull down my existing OCF Dipole and put up a
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> somewhat inverted Vee fed with 450ohm ladder line. The ladder line run
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> be approx 70ft. i then want to run the last 10ft to the tuner with 50 ohm
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> i used a balanced feedline, i had a roller inductor tuner with the balun
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> > I was pretty sure I was going to get the LDG 4:1 current balun for this
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> > The antenna will be of equal lengths on both sides. the apex will be at
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> > Thanks in advance for the help.
> > Mark
> > K3MRK
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> No virus found in this incoming message.
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> Version: 8.5.437 / Virus Database: 271.1.1/2785 - Release Date: 04/05/10
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>
>
>
> [Non-text portions of this message have been removed]
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[Non-text portions of this message have been removed]

4159. RE: [LDG-auto-tuners] Re: which balun?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-04-06 23:08:34 UTC
From: Mark Walton
Topic: 4142 Message: 4159

Thank you Dave.

From: LDG-auto-tuners@yahoogroups.com
[mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of lostfrogsrecords
Sent: Tuesday, April 06, 2010 7:03 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: which balun?

I recommend checking out this article:

http://www.dxengineering.com/techarticlepopup.asp?ID={3E5220F7-2D0F-45B5\
-85F7-3B654F804C4F}

It describes most antenna scenarios and their appropriate BALUN style.
So-far their advice has been correct at my antenna farm <g>!

Dave KI4PSR

--- In LDG-auto-tuners@yahoogroups.com
<mailto:LDG-auto-tuners%40yahoogroups.com> , "k3mrk" <k3mrk1@...> wrote:
>
> Hello
> I am new to the group and could use some help with some questions.
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tuner with 50 ohm coax. I use an AT-100pro, so I have to run coax to the
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But I'm not there yet. the more I read....the less I'm sure.
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[Non-text portions of this message have been removed]

4160. RE: [LDG-auto-tuners] Re: which balun?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-04-07 02:54:32 UTC
From: Mark Walton
Topic: 4142 Message: 4160

WOW!

What a great article! Im learning more from this than the last 10 I read.

Thank You!!!

Does a good job of selling me on DXE also.

From: LDG-auto-tuners@yahoogroups.com
[mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of lostfrogsrecords
Sent: Tuesday, April 06, 2010 7:03 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: which balun?

I recommend checking out this article:

http://www.dxengineering.com/techarticlepopup.asp?ID={3E5220F7-2D0F-45B5\
-85F7-3B654F804C4F}

It describes most antenna scenarios and their appropriate BALUN style.
So-far their advice has been correct at my antenna farm <g>!

Dave KI4PSR

--- In LDG-auto-tuners@yahoogroups.com
<mailto:LDG-auto-tuners%40yahoogroups.com> , "k3mrk" <k3mrk1@...> wrote:
>
> Hello
> I am new to the group and could use some help with some questions.
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to learn as much as possible about baluns to make the right decision.
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[Non-text portions of this message have been removed]

4161. Re: which balun?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-04-08 00:32:11 UTC
From: Howard Z
Topic: 4142 Message: 4161

A really time-tested antenna approach is to use:
1. A one wave length loop antenna cut to proper length for the lowest Mhz frequency one wants to use (or it can be a dipole, but a 1WV loop is better)
2. Feed with 450 ohm ladder line (use the correct length for the lowest frequency even if you have a bunch of it left over)
3. Use a 1:1 balun (or you can just connect the ladder line to the coax and put a bunch of large toroids around the first foot of the coax cable.
4. Keep your coax short - 5 to 10 feet. You don't want ladder line in your home - it will radiate and interfere with computers and other electronics.
5. Use a tuner with a broad range to tune everything above the design frequency.

So, let's say you put up a wire antenna - one wave length loop going around your property - cut for 160 meters. Now you can tune everything from 160 meters to 10 meters with a good tuner. One antenna that will work well for all of HF. You don't have enough land? Then cut it for the length to be resonant at 80m, and it will work from 80m to 10m.

The fact that there will be high swrs going through the ladder line just doesn't matter as there will be very little signal loss using 450 ohm ladder line compared to using coax cable.

This system works - works well - and has been in use since before we were born.

The problem is - an LDG auto tuner can't do the job without help of an UNUN, and you might need to change the UNUN ratios for different bands.

To do this reliably without playing with an UNUN, get a Palstar manual tuner or the Palstar auto-tuner. They have huge capacitor and inductor coil inside that have the range needed for this antenna setup. There might be some other tuners out there that can do this job, but I don't know about them.

Howard

--- In LDG-auto-tuners@yahoogroups.com, "Mark Walton" <k3mrk1@...> wrote:
>
> Im trying to put a balanced feedline to an unbalanced coax run to the radio.
> I always thought this required a BAL/UN
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> From: LDG-auto-tuners@yahoogroups.com
> [mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Howard Z
> Sent: Tuesday, April 06, 2010 1:09 PM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: [LDG-auto-tuners] Re: which balun?
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> Particularly for low impedance antenna like a dipole or horizontal loop low
> to the ground (10 to 20 ft high).
>
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>
> It costs $65 and has many connectors to try different ratios:
> 1.26:1 1.78:1 2.25:1 3.06:1 4:1 9:1 12.25:1 and 16:1
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> Then if you connect the antenna and radio to opposite sides you get ratios:
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> So you can use this to either lower the impedance or to raise the impedance.
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> I believe this is a voltage UNUN, not a current one.
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> > Much appreciated.
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> > From: LDG-auto-tuners@yahoogroups.com
> <mailto:LDG-auto-tuners%40yahoogroups.com>
> > [mailto:LDG-auto-tuners@yahoogroups.com
> <mailto:LDG-auto-tuners%40yahoogroups.com>] On Behalf Of Howard Z
> > Sent: Monday, April 05, 2010 5:32 PM
> > To: LDG-auto-tuners@yahoogroups.com
> <mailto:LDG-auto-tuners%40yahoogroups.com>
> > Subject: [LDG-auto-tuners] Re: which balun?
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> <mailto:LDG-auto-tuners%40yahoogroups.com>
> > <mailto:LDG-auto-tuners%40yahoogroups.com> , "k3mrk" <k3mrk1@> wrote:
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> > > Thanks in advance for the help.
> > > Mark
> > > K3MRK
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> > [Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]
>

4162. AT-1000Pro putting IC-746Pro in tune mode when radio is turned on.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-04-07 22:59:31 UTC
From: wb8nbi
Topic: 4162 Message: 4162

I just received my new AT-1000Pro yesterday and seem to have a small problem. When I turn the 746Pro on it goes into tune mode the tuner does not tune but the radio puts out a 10 watt carrier until I hit the tune button on the tuner. After that it is fine and works great until next time I turn the radio back on. Any one??? By the way I hooked up my AT-200Pro to the 746Pro and it does not happen.

4163. Z-100Plus performance on 40m with 19feet ground plane

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-04-09 00:56:36 UTC
From: victor
Topic: 4163 Message: 4163

This is a E-mail I had sent to Ldg support:

I bought the Z-100Plus autotuner through Chipham about two months ago.
I am using it with a vertical ground plane antenna, 19 feet long and with about 16 radials with lengths ranging from 15 feet to 40 feet.
I was not satisfied with the antenna performance, so I tested it on the 40m band on the frequency of 7.1MHz.
The Z-100Plus seems to tune correctly giving low SWR at the Transmitter (the Z-100Plus ATU was at the base of the antenna and the transmitter was connected through 40 feet of RG-58 coax).
The transmitter field strength was carefully measured at about 40 m distance; then the Z-100Plus was substituted with a home-made matching network made of an inductor in series with the antenna (To tune out the antenna capacitive reactance) and a 1:4 step-up autotransformer to bring up the low antenna input resistance to be closer to 50 Ohm. The SWR with this network was low too.
The field strength measured with the home-made matching circuit was about 6dB stronger than with the Z-100Plus.
The power used was 20W so there is no danger of damage in the Z-100Plus.
I opened the Z-100Plus to make sure it is not damaged and everything seems to be just fine (including the wire connections to the RF connectors).
The processor has a sticker on it printed with "Z100 + 10".
Do you have any explanation of the poor performance of the Z-100Plus?
Is the firmware up-to-date?
Any suggestions?

Does anyone have similar info? Did anyone made direct efficiency measurements for different length antennas?

Victor - 4Z4ME

4164. looking for a at-200 pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-04-09 23:29:27 UTC
From: dalepavlicek
Topic: 4164 Message: 4164

Need a 200 watt tuner to run with my Kenwood ts-480hx
thanks
dale wt4t

4165. Re: [LDG-auto-tuners] looking for a at-200 pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-04-10 20:27:05 UTC
From: Howard Bingham
Topic: 4164 Message: 4165

At 06:29 PM 4/9/2010, dalepavlicek wrote:
>Need a 200 watt tuner to run with my Kenwood ts-480hx
>thanks
>dale wt4t
--

I was under the impression that most current Kenwood models had a
built in tuner, or is this an older unit..?

I have an LDG AT-200Pro that I would be willing to trade for a
slightly smaller & more compact model (Still in box after diagnostics
& upgrade at LDG under warranty which runs another year.).

Looking for a model more suitable for a mobile installation..

Howard Bingham
KE5APJ

--

[Non-text portions of this message have been removed]

4166. Re: [LDG-auto-tuners] looking for a at-200 pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-04-11 02:06:30 UTC
From: yash@aol.com
Topic: 4164 Message: 4166

Howard
Thanks for the offer, found a tuner today.
dale wt4t

-----Original Message-----
From: Howard Bingham <ke5apj@...>
To: LDG-auto-tuners@yahoogroups.com
Sent: Sat, Apr 10, 2010 4:27 pm
Subject: Re: [LDG-auto-tuners] looking for a at-200 pro

At 06:29 PM 4/9/2010, dalepavlicek wrote:
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--

I was under the impression that most current Kenwood models had a
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I have an LDG AT-200Pro that I would be willing to trade for a
slightly smaller & more compact model (Still in box after diagnostics
& upgrade at LDG under warranty which runs another year.).

Looking for a model more suitable for a mobile installation..

Howard Bingham
KE5APJ

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[Non-text portions of this message have been removed]

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4167. Tuner for FT-950

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-04-13 22:57:40 UTC
From: cam55orange
Topic: 4167 Message: 4167

Has anyone tried the combination of an FT-950 with an AT-100PRO using the BetterRF Yaesu adapter?

4168. Re: [LDG-auto-tuners] Tuner for FT-950

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-04-14 02:31:24 UTC
From: Mark D. Tetrault
Topic: 4167 Message: 4168

On Tue, 13 Apr 2010 22:57:40 -0000, you wrote:

>Has anyone tried the combination of an FT-950 with an AT-100PRO using the BetterRF Yaesu adapter?

I'm using the Z100plus with the BetterRF on my FT950 and it works
fine.

Mark

Di-Mar Imaging & Design
Quality Campground Maps & Brochures
Concord, NH
(603) 387-9392

4169. Re: Tuner for FT-950

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-04-14 22:47:35 UTC
From: cam55orange
Topic: 4167 Message: 4169

Are you running the latest firmware in the FT-950? According to BetterRF the lastest FT-950 firmware thwarts the BetterRF adapter by checking for 3:1 match befor it will tune.

Is anyone running the lastest firmware in an FT-950 with any external tuner? I am wondering if the software change could thwart any external tuner.

AB6OR - Bill

--- In LDG-auto-tuners@yahoogroups.com, Mark D. Tetrault <mdtetrault@...> wrote:
>
> On Tue, 13 Apr 2010 22:57:40 -0000, you wrote:
>
> >Has anyone tried the combination of an FT-950 with an AT-100PRO using the BetterRF Yaesu adapter?
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> I'm using the Z100plus with the BetterRF on my FT950 and it works
> fine.
>
> Mark
>
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>
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4170. New 600 Watt tuner from LDG

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-04-16 14:09:46 UTC
From: Dwayne
Topic: 4170 Message: 4170

LDG has announced the AT-600Pro Autotuner. It will handle 600 watts on SSB and CW, 300 watts on RTTY and 250 watts on 54 MHz. Features include an LED indicator for antenna selection and an LED to indicate when in bypass. Delivery for the AT-600Pro is mid June, 2010. Look for the manual and web update shortly. Suggested Retail Price $359.99.

Dwayne Kincaid
LDG

4171. Re: Tuner for FT-950

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-04-16 14:13:22 UTC
From: Dwayne
Topic: 4167 Message: 4171

Hi Bill,

Where did you see this info? I could not find it on the BetterRF site.

Dwayne Kincaid
WD8OYG

--- In LDG-auto-tuners@yahoogroups.com, "cam55orange" <bwebb@...> wrote:
>
> Are you running the latest firmware in the FT-950? According to BetterRF the lastest FT-950 firmware thwarts the BetterRF adapter by checking for 3:1 match befor it will tune.
>
> Is anyone running the lastest firmware in an FT-950 with any external tuner? I am wondering if the software change could thwart any external tuner.
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> AB6OR - Bill
>
> --- In LDG-auto-tuners@yahoogroups.com, Mark D. Tetrault <mdtetrault@> wrote:
> >
> > On Tue, 13 Apr 2010 22:57:40 -0000, you wrote:
> >
> > >Has anyone tried the combination of an FT-950 with an AT-100PRO using the BetterRF Yaesu adapter?
> >
> > I'm using the Z100plus with the BetterRF on my FT950 and it works
> > fine.
> >
> > Mark
> >
> >
> >
> > Di-Mar Imaging & Design
> > Quality Campground Maps & Brochures
> > Concord, NH
> > (603) 387-9392
> >
>

4172. Re: [LDG-auto-tuners] New 600 Watt tuner from LDG

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-04-16 14:49:49 UTC
From: CT2FZI IM58KR
Topic: 4170 Message: 4172

Congratulations!

(I am sorry that I am so QRP!)

On Fri, Apr 16, 2010 at 3:09 PM, Dwayne <ldgyahoo@...> wrote:

>
>
> LDG has announced the AT-600Pro Autotuner. It will handle 600 watts on SSB
> and CW, 300 watts on RTTY and 250 watts on 54 MHz. Features include an LED
> indicator for antenna selection and an LED to indicate when in bypass.
> Delivery for the AT-600Pro is mid June, 2010. Look for the manual and web
> update shortly. Suggested Retail Price $359.99.
>
> Dwayne Kincaid
> LDG
>
> --
73 de Luis, CT2FZI
http://www.qsl.net/ct2fzi

CT QRP Club #19

My antenna is bigger than yours!

[Non-text portions of this message have been removed]

4173. Re: Tuner for FT-950

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-04-16 15:09:47 UTC
From: kb0naz
Topic: 4167 Message: 4173

you don't need that BetterRF tune control at all. I use my 950 (and FT-450)with both an LDG AT100Pro and Z-11Pro.Both tuners tune just about anything hooked up to them.I don't know why people insist on using that BetterRF thing with RF sensing tuners,either set the LDG to auto and just start talking or set the rig to CW or AM and send a carrier for a second or two and be done with it

Scott KB0NAZ

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
> Hi Bill,
>
> Where did you see this info? I could not find it on the BetterRF site.
>
> Dwayne Kincaid
> WD8OYG
>
> --- In LDG-auto-tuners@yahoogroups.com, "cam55orange" <bwebb@> wrote:
> >
> > Are you running the latest firmware in the FT-950? According to BetterRF the lastest FT-950 firmware thwarts the BetterRF adapter by checking for 3:1 match befor it will tune.
> >
> > Is anyone running the lastest firmware in an FT-950 with any external tuner? I am wondering if the software change could thwart any external tuner.
> >
> > AB6OR - Bill
> >
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> > > On Tue, 13 Apr 2010 22:57:40 -0000, you wrote:
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> > > I'm using the Z100plus with the BetterRF on my FT950 and it works
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> > > Mark
> > >
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> > >
> >
>

4174. HiSWR alarm

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-04-16 18:09:55 UTC
From: i4mfa
Topic: 4174 Message: 4174

I am the owner of a LDG Z11Pro.
While backpacking with my FT817ND using a ATX WalkAbout whip with just one counterpoise wire, I say (after having tailored the tuner on all bands / whip configurations) my call sign once and it automatically tunes (one second.

Great!

Anyway, I was wandering if some kind of REMOTE (tuner is backpacked) and possibly AUDIO alert for HiSWR (shouldn't happen, but...) could be implemented.

What about a piezo buzzer (or iPhone busser) in parallel to red led?
What about a ptt-down plus atu-offline way to do some kind of alert?

Thank you for your suggestions,
Marco, i4mfa w4mfa

4175. Re: Tuner for FT-950

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-04-16 16:48:35 UTC
From: cam55orange
Topic: 4167 Message: 4175

Gerry at better RF called me on my cell a couple of minuites after I placed my order. He advised me of the problem and recommended that I cancel my order. I wish I had pumped him for more information on the problem, but I was at work and people were in my office attempting to get me to do stuff.

Bill - AB6OR

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
> Hi Bill,
>
> Where did you see this info? I could not find it on the BetterRF site.
>
> Dwayne Kincaid
> WD8OYG
>
> --- In LDG-auto-tuners@yahoogroups.com, "cam55orange" <bwebb@> wrote:
> >
> > Are you running the latest firmware in the FT-950? According to BetterRF the lastest FT-950 firmware thwarts the BetterRF adapter by checking for 3:1 match befor it will tune.
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> > Is anyone running the lastest firmware in an FT-950 with any external tuner? I am wondering if the software change could thwart any external tuner.
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> > AB6OR - Bill
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> >
>

4176. Re: Tuner for FT-950

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-04-16 18:35:46 UTC
From: Dwayne
Topic: 4167 Message: 4176

Bill,

Thanks for the update. We'll that certainly is a bummer that Yaesu would change the code to keep people from using other brand tuners.

The way that Yaesu can do that is they have a dummy load pad in their tuners that kicks in to limit the SWR to always be below 3:1 while the tuner is tuning. Then the algorithm just does the tuning scaled with the dummy load in line. When it's finished, it takes the dummy load out and the tuner still has the lowest SWR.

However, the only thing that this effects is tuners that use the tune button on the radio, like the BetterRF adapter. I don't know of any other tuner that uses the tune button on the radio (maybe MFJ).

It does not effect any LDG tuner as we don't use the tune button on the radio. We had thought about doing that, but certainly won't pursue it now!

Dwayne
LDG

--- In LDG-auto-tuners@yahoogroups.com, "cam55orange" <bwebb@...> wrote:
>
> Are you running the latest firmware in the FT-950? According to BetterRF the lastest FT-950 firmware thwarts the BetterRF adapter by checking for 3:1 match befor it will tune.
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> AB6OR - Bill
>
> --- In LDG-auto-tuners@yahoogroups.com, Mark D. Tetrault <mdtetrault@> wrote:
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> > On Tue, 13 Apr 2010 22:57:40 -0000, you wrote:
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>

4177. Re: Tuner for FT-950

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-04-16 20:06:02 UTC
From: cam55orange
Topic: 4167 Message: 4177

I notice that some of the newer literature on their own external random wire tuner now has "3:1 input" in the spec. Without more information is is hard to really know, but they may have crippled their own autotuner as well.

If you guys are going to Dayton, it might be worth a trip to the Yaesu booth on an information extraction mission. When I used to go to MEDTRADE in Atlanta, I was not above pumping a competitor wearing a borrowed badge:)

The whole thing seems really odd.

Bill - AB6OR

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
> Bill,
>
> Thanks for the update. We'll that certainly is a bummer that Yaesu would change the code to keep people from using other brand tuners.
>
> The way that Yaesu can do that is they have a dummy load pad in their tuners that kicks in to limit the SWR to always be below 3:1 while the tuner is tuning. Then the algorithm just does the tuning scaled with the dummy load in line. When it's finished, it takes the dummy load out and the tuner still has the lowest SWR.
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> Dwayne
> LDG
>
> --- In LDG-auto-tuners@yahoogroups.com, "cam55orange" <bwebb@> wrote:
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>

4178. Re: New Z11pro2

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-04-18 13:17:30 UTC
From: redflasher
Topic: 4135 Message: 4178

--- In LDG-auto-tuners@yahoogroups.com, "redflasher" <redflasher@...> wrote:
>
> Anybody got a source for the battery holder to install in this tuner? Don't know why LDG didn't include one or offer it as an accessory. Rat Shack doesn't have anything around here except toys and mobile phones.
>
> Bob in Minnesota KB0XR
>

Found a battery holder. Tuner works fine. I sent off a copy of my receipt and the coupon for the FREE Balun from LDG. Received it yesterday in the mail. THANKS LDG!

Bob in Minnesota KB0XR

4179. Re: which balun?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-04-18 17:21:13 UTC
From: Daniel
Topic: 4142 Message: 4179

> > --- In LDG-auto-tuners@yahoogroups.com, "k3mrk" <k3mrk1@> wrote:

> > > I was pretty sure I was going to get the LDG 4:1 current balun for
> > this set up. Now I am seeing some references to using a 1:1. I'm trying
> > to learn as much as possible about baluns to make the right decision.

I've been using the RBA 4:1 balun from LDG but recently found that it's not really capable of 100 watt continuous duty operation (I melted it!!)
I could feel quite a bit of heat on the case in normal 30 watt operation on digital modes and when I tried full power, it died.

Here's what I'm using now:

http://www.balundesigns.com/servlet/the-71/qrp-4-cln-1-current-balun/Detail

This little puppy feels cold even after 10 minutes of continuous 100 watt operartion. It's their "QRP" version but users say it runs at 400 watts without heating!!

Now the AT-200Pro LDG tuner is another thing. I don't think I'd better try "high power" ops with it anymore. It's also rated at 200 watts, like their balun, but that's not continuous and the tuner gets warm at that power level quickly!!

Dan, W9FCC

4180. Re: yt-100 Questions

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-04-19 09:21:33 UTC
From: i4mfa
Topic: 4156 Message: 4180

--- In LDG-auto-tuners@yahoogroups.com, Glenn and Linda Feldhouse <feldfam@...> wrote:
> I would like to get a YT-100 tuner...
> ... is it necessary to press the tune button ...

I use a FT817ND with a Z11Pro feeding a ATX WalkAbout whip, with just one counterpose wire, in my backpack.
I am used to have it in AUTO mode and to let it AUTOMATICALLY tune based on the power generated by my first one-two seconds of tx (usually my call sign repeated twice each time I start to tx on a new segment / band).
It tunes so quick that you have no problems at all, just be sure to have enough (0.25-1w) power level for one second.
I have to say that FT817ND is a 2.5w tx, so even if a HiSWR is present, to dissipate 2w you just need a finger of metal!

I taylored the tuner this way:
a1. 20m, 14.200, whip with 20m coil selected, 20m counterpoise length, long-pressing (full tune, write to memory);
a2. I repeat above step for all (1 to 4) freqs I tx nearby(14.15, 14.25, 14.30);
b1. 17m, c1. 15m, d1. 12m, e1. 10m I repeat steps 1. and 2. for these bands, with couterpoise length selected to that band (I call this ANT1)
cc1. 15m, 21.30, whip with 15m coil (proper band) selected, *20m* counterpoise, long-pressing (full tune, write to memory)(I call this ANT2);
cc2. I repeat above step for all (1 to 4) freqs I tx nearby (applies to 15M to 10M;
ccc1. 15m, 21.30, whip with *20m* coil selected, *20m* counterpoise, long-pressing (full tune, write to memory)(I call this ANT3);
cc2. I repeat above step for all (1 to 4) freqs I tx nearby (applies to 17M to 10M;
This way I have three VIRTUAL antennas (1=proper coil, proper counterpoise, 2=proper coil 20m counterpoise, 3=20m coil and counterpoise) and as Z11Pro memory banks see 4 antennas for each bank I am able to let if find proper tune on all (5) bands even if I have no time to properly switch my antennas configuration.
80m and 40m uses a standard (first described tecnique) as, due to counterpoise length, I use these bands on portable only, non on pedestrian.

Regards, Marco I4MFA W4MFA
ARI & ARRL member and VE

4181. RE: [LDG-auto-tuners] Re: which balun?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-04-19 03:17:10 UTC
From: Mark Walton
Topic: 4142 Message: 4181

Tnx Dan. That's pretty much exactly what im looking for and I like the price. I looked at this website before but somehow missed this one.

Tnx agn

Mark

K3MRK

From: LDG-auto-tuners@yahoogroups.com
[mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Daniel
Sent: Sunday, April 18, 2010 1:21 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: which balun?

> > --- In LDG-auto-tuners@yahoogroups.com
<mailto:LDG-auto-tuners%40yahoogroups.com> , "k3mrk" <k3mrk1@> wrote:

> > > I was pretty sure I was going to get the LDG 4:1 current balun for
> > this set up. Now I am seeing some references to using a 1:1. I'm trying
> > to learn as much as possible about baluns to make the right decision.

I've been using the RBA 4:1 balun from LDG but recently found that it's not really capable of 100 watt continuous duty operation (I melted it!!)
I could feel quite a bit of heat on the case in normal 30 watt operation on digital modes and when I tried full power, it died.

Here's what I'm using now:

http://www.balundesigns.com/servlet/the-71/qrp-4-cln-1-current-balun/Detail

This little puppy feels cold even after 10 minutes of continuous 100 watt operartion. It's their "QRP" version but users say it runs at 400 watts without heating!!

Now the AT-200Pro LDG tuner is another thing. I don't think I'd better try "high power" ops with it anymore. It's also rated at 200 watts, like their balun, but that's not continuous and the tuner gets warm at that power level quickly!!

Dan, W9FCC

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.5.437 / Virus Database: 271.1.1/2813 - Release Date: 04/16/10 06:31:00

[Non-text portions of this message have been removed]

4182. Re: which balun?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-04-19 16:15:21 UTC
From: Dwayne
Topic: 4142 Message: 4182

Hi Dan,

That is exactly correct. All LDG products are rated in PEP. So when something says 200 watts, that's 200 watts PEP, not continuous.

Dwayne Kincaid
LDG

>
>
>
> I've been using the RBA 4:1 balun from LDG but recently found that it's not really capable of 100 watt continuous duty operation (I melted it!!)
> I could feel quite a bit of heat on the case in normal 30 watt operation on digital modes and when I tried full power, it died.
>
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>
> Dan, W9FCC
>

4183. Re: New 600 Watt tuner from LDG

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-04-20 19:58:37 UTC
From: Dwayne
Topic: 4170 Message: 4183

The preliminary maunal has been posted to the LDG website.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
> LDG has announced the AT-600Pro Autotuner. It will handle 600 watts on SSB and CW, 300 watts on RTTY and 250 watts on 54 MHz. Features include an LED indicator for antenna selection and an LED to indicate when in bypass. Delivery for the AT-600Pro is mid June, 2010. Look for the manual and web update shortly. Suggested Retail Price $359.99.
>
> Dwayne Kincaid
> LDG
>

4184. balanced line & metal-framed windows

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-04-22 21:31:34 UTC
From: ZephyrNYC
Topic: 4184 Message: 4184

Hello, everyone. Does anyone in the group feed an outdoor antenna with twin coax or regular (non-coax) balanced line going through a metal-framed window? If so, what kind of problems do you experience? AFAIK, using balanced line near metal is a big no-no, but I read this today:

Regular balanced line:

http://www.mail-archive.com/elecraft@.../msg30984.html

"... you can cross a metallic boundary with parallel feedline with no problem to the RF as long as it occurs at right angles to the feedline - again be careful that you have adequate insulation where you cross, the RF voltages can be quite high even with low or moderate power if the feedline has a high SWR."

And this on balanced (twin) coax:

http://eham.net/ehamforum/smf/index.php?topic=66987.0

"I would like some advice on feeding 450 ohm window line at right angles through aluminum siding. It's the only way I can do it! Can I get reasonably close at this right angle? or do I need several inches around etc."

"If you want to be entirely safe about it, you could change the ladderline to two side-by-side coaxes for the short final run through the siding and to the shack.

Connect an inside conductor of each coax to each of the balanced line conductors.

At the balanced line side, connect both coax shields together and solder. Insulate all three connections from each other well, using weatherproof tape or something suitable.

At the shack end, connect the two center conductors of the two coaxes to the balance line connects. Connect the two shields together and also connect them to shack ground.

This will create a shielded, balanced line that can cross conductive metals without problem. You could pass the two side-by-side coaxial cables through the siding through one tight pass hole or two, doesn't matter as they are now shielded but still running in blanced mode.

Old trick that works."

More on regular balanced line:

'But seriously, I'm sure you've heard that you have to "keep ladderline several inches from metal."

Right angle crossings don't really count.

The important thing with keeping ladderline away from *metal* is that you don't want to run it for a long stretch close to and in parallel with a third unbroken conductor, because that turns it into a different kind of feedline, one that has a lower characteristic impedance and generally one that has more loss in the situations where people like to use ladderline. So that's what you want to avoid. And if you ran it very close to a long stretch of lossy, damp material like dirt, the way the fields interact with the dirt would cause a lot of very direct loss.'

More on balanced (twin) coax:

http://forums.hamisland.net/viewtopic.php?f=4&t=4793

Aside from differences in shielding, weight and cost; what are the pros & cons of using balanced coax vs. regular balanced insulated line?

Does RF from balanced feedline really cause interference to pacemakers and other medical devices? I am curious because my apartment window frames seem to be constructed of aluminum, and I have plans for an antenna that will probably need a long feedline. The two windows are approximately 4' and 15' from the edge of a metal fire escape. Thanks.

73,
Frank wF2ANK

"Security is mostly a superstition. Avoiding danger is no safer in the long run than outright exposure. Life is either a daring adventure or nothing."

- Helen Keller (1880-1968), The Open Door

Join the largest Yaesu FT-857 group on Yahoo at http://groups.yahoo.com/group/FT-857/ , or send an email to FT-857-subscribe@yahoogroups.com .

4185. Re: balanced line & metal-framed windows

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-04-26 12:13:08 UTC
From: Howard Z
Topic: 4184 Message: 4185

Zephyr,

Last time I tried ladder-line coming into the house (via a small PCV pipe going through a wall) it radiated so much stray RF that it interfered with my computer and USB devices.

I think that was the first and last experiment with ladder-line inside my home as I do not know how to prevent the ladder-line from transmitting RF in the home.

Howard

--- In LDG-auto-tuners@yahoogroups.com, ZephyrNYC <ZephyrNYC@...> wrote:
>
> Hello, everyone. Does anyone in the group feed an outdoor antenna
> with twin coax or regular (non-coax) balanced line going through a
> metal-framed window? If so, what kind of problems do you experience?
> AFAIK, using balanced line near metal is a big no-no, but I read this
> today:
>
>
> Regular balanced line:
>
> http://www.mail-archive.com/elecraft@.../msg30984.html
>
> "... you can cross a metallic boundary with parallel
> feedline with no problem to the RF as long as it occurs at right angles to
> the feedline - again be careful that you have adequate insulation where you
> cross, the RF voltages can be quite high even with low or moderate power if
> the feedline has a high SWR."
>
>
> And this on balanced (twin) coax:
>
> http://eham.net/ehamforum/smf/index.php?topic=66987.0
>
> "I would like some advice on feeding 450 ohm window line at right
> angles through aluminum siding. It's the only way I can do it! Can I
> get reasonably close at this right angle? or do I need several inches
> around etc."
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> "If you want to be entirely safe about it, you could change the
> ladderline to two side-by-side coaxes for the short final run through
> the siding and to the shack.
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> Connect an inside conductor of each coax to each of the balanced line
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> At the balanced line side, connect both coax shields together and
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> More on regular balanced line:
>
> 'But seriously, I'm sure you've heard that you have to "keep
> ladderline several inches from metal."
>
> Right angle crossings don't really count.
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> The important thing with keeping ladderline away from *metal* is that
> you don't want to run it for a long stretch close to and in parallel
> with a third unbroken conductor, because that turns it into a
> different kind of feedline, one that has a lower characteristic
> impedance and generally one that has more loss in the situations where
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> And if you ran it very close to a long stretch of lossy, damp material
> like dirt, the way the fields interact with the dirt would cause a lot
> of very direct loss.'
>
>
> More on balanced (twin) coax:
>
> http://forums.hamisland.net/viewtopic.php?f=4&t=4793
>
>
> Aside from differences in shielding, weight and cost; what are the
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>
>
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> and other medical devices? I am curious because my apartment window
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> antenna that will probably need a long feedline. The two windows are
> approximately 4' and 15' from the edge of a metal fire escape.

> Thanks.
>
>
> 73,
> Frank wF2ANK
>
>
> "Security is mostly a superstition. Avoiding danger is no safer in the
> long run than outright exposure. Life is either a daring adventure or
> nothing."
>
> - Helen Keller (1880-1968), The Open Door
>
> Join the largest Yaesu FT-857 group on Yahoo at
> http://groups.yahoo.com/group/FT-857/ , or send an email to
> FT-857-subscribe@yahoogroups.com .
>

4186. Re: [LDG-auto-tuners] Re: balanced line & metal-framed windows

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-04-26 13:45:38 UTC
From: CT2FZI IM58KR
Topic: 4184 Message: 4186

Hello Mr Howard,

I also had the same experience using 50ohm coaxial cable. USB mouse stopped working, the keyboard started to beep, serial to usb adapter stopped working.

Its not a ladder line issue.

Were you making the transition from the balanced feed line to a non balanced system using a 1:1 current balun?

Coax cable is not balanced.

If you were connecting the ladder line directly to your tuner, be aware that there is a jumper wire that you may have to use on the back of your antenna tuner..

Ladder line works great. Its not lossy...

On Mon, Apr 26, 2010 at 1:13 PM, Howard Z <Howard_Z@...> wrote:

>
>
> Zephyr,
>
> Last time I tried ladder-line coming into the house (via a small PCV pipe
> going through a wall) it radiated so much stray RF that it interfered with
> my computer and USB devices.
>
> I think that was the first and last experiment with ladder-line inside my
> home as I do not know how to prevent the ladder-line from transmitting RF in
> the home.
>
> Howard
>
>
> --- In LDG-auto-tuners@yahoogroups.com <LDG-auto-tuners%40yahoogroups.com>,
> ZephyrNYC <ZephyrNYC@...> wrote:
> >
> > Hello, everyone. Does anyone in the group feed an outdoor antenna
> > with twin coax or regular (non-coax) balanced line going through a
> > metal-framed window? If so, what kind of problems do you experience?
> > AFAIK, using balanced line near metal is a big no-no, but I read this
> > today:
> >
> >
> > Regular balanced line:

> >
> > http://www.mail-archive.com/elecraft@.../msg30984.html
>
> >
> > "... you can cross a metallic boundary with parallel
> > feedline with no problem to the RF as long as it occurs at right angles
> to
> > the feedline - again be careful that you have adequate insulation where
> you
> > cross, the RF voltages can be quite high even with low or moderate power
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> > the feedline has a high SWR."
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> >
> > And this on balanced (twin) coax:
> >
> > http://eham.net/ehamforum/smf/index.php?topic=66987.0
> >
> > "I would like some advice on feeding 450 ohm window line at right
> > angles through aluminum siding. It's the only way I can do it! Can I
> > get reasonably close at this right angle? or do I need several inches
> > around etc."
> >
> > "If you want to be entirely safe about it, you could change the
> > ladderline to two side-by-side coaxes for the short final run through
> > the siding and to the shack.
> >
> > Connect an inside conductor of each coax to each of the balanced line
> > conductors.
> >
> > At the balanced line side, connect both coax shields together and
> > solder. Insulate all three connections from each other well, using
> > weatherproof tape or something suitable.
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> > At the shack end, connect the two center conductors of the two coaxes
> > to the balance line connects. Connect the two shields together and
> > also connect them to shack ground.
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> > This will create a shielded, balanced line that can cross conductive
> > metals without problem. You could pass the two side-by-side coaxial
> > cables through the siding through one tight pass hole or two, doesn't
> > matter as they are now shielded but still running in blanced mode.
> >
> > Old trick that works."
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> >
> >
> > More on regular balanced line:
> >
> > 'But seriously, I'm sure you've heard that you have to "keep

> > ladderline several inches from metal."
> >
> > Right angle crossings don't really count.
> >
> > The important thing with keeping ladderline away from *metal* is that
> > you don't want to run it for a long stretch close to and in parallel
> > with a third unbroken conductor, because that turns it into a
> > different kind of feedline, one that has a lower characteristic
> > impedance and generally one that has more loss in the situations where
> > people like to use ladderline. So that's what you want to avoid.
> > And if you ran it very close to a long stretch of lossy, damp material
> > like dirt, the way the fields interact with the dirt would cause a lot
> > of very direct loss.'
> >
> >
> > More on balanced (twin) coax:
> >
> > http://forums.hamisland.net/viewtopic.php?f=4&t=4793
> >
> >
> > Aside from differences in shielding, weight and cost; what are the
> > pros & cons of using balanced coax vs. regular balanced insulated
> > line?
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> > Does RF from balanced feedline really cause interference to pacemakers
> > and other medical devices? I am curious because my apartment window
> > frames seem to be constructed of aluminum, and I have plans for an
> > antenna that will probably need a long feedline. The two windows are
> > approximately 4' and 15' from the edge of a metal fire escape.
> > Thanks.
> >
> >
> > 73,
> > Frank wF2ANK
> >
> >
> > "Security is mostly a superstition. Avoiding danger is no safer in the
> > long run than outright exposure. Life is either a daring adventure or
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> > Join the largest Yaesu FT-857 group on Yahoo at
> > http://groups.yahoo.com/group/FT-857/ , or send an email to
> > FT-857-subscribe@yahoogroups.com <FT-857-subscribe%40yahoogroups.com> .
> >
>
>
>

--
73 de Luis, CT2FZI

http://www.qsl.net/ct2fzi

[Non-text portions of this message have been removed]

4187. Re: [LDG-auto-tuners] Re: balanced line & metal-framed windows

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-04-26 14:08:02 UTC
From: CT2FZI IM58KR
Topic: 4184 Message: 4187

Just to add this:

If you were connecting the ladder line directly to your tuner, be aware that there is a jumper wire that you may have to use on the back of your *NON LDG *antenna tuner..

Other brands, that is.

If you use your LDG antenna tuner you should at least use one 1:1 current balun. In some bands you will need a 4:1 current balun.

:)

On Mon, Apr 26, 2010 at 2:45 PM, CT2FZI IM58KR <ct2fzi@...> wrote:

> Hello Mr Howard,
>
> I also had the same experience using 50ohm coaxial cable. USB mouse stopped
> working, the keyboard started to beep, serial to usb dapter stopped working.
>
> Its not a ladder line issue.
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> Were you making the transition from the balanced feed line to a non
> balanced system using a 1:1 current balun?
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> Coax cable is not balanced.
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> that there is a jumper wire that you may have to use on the back of your
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> Ladder line works great. Its not lossy...
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>> > angles through aluminum siding. It's the only way I can do it! Can I
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http://www.qsl.net/ct2fzi

[Non-text portions of this message have been removed]

4188. Re: balanced line & metal-framed windows

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-04-26 18:14:09 UTC
From: Howard Z
Topic: 4184 Message: 4188

Luis,

I was using 450 ohm ladder line and connecting it directly to a non-LDG tuner which has a built-in 4:1 balun. The tuner has a button to select between the Coax and the Balanced antenna connections. No wire to move. I figured - as you mentioned - that there would be less losses with ladder-line versus coax.

The only problem was RF effects to my computer equipment when I would transmit. I have not heard of anyone putting beads on ladder-line cable - I'd tend to think this would not fix the problem.

So, that was my one experiment with ladder line in my home. The solution at that time was to go back to using a 1:1 balun just outside the house and run about 10 feet of coax cable into the house.

However, I'd be interested if you or others have managed to run ladder-line in their home without these negative affects to computer equipment. What precautions prevented this problem?

Howard

--- In LDG-auto-tuners@yahoogroups.com, CT2FZI IM58KR <ct2fzi@...> wrote:
>
> Hello Mr Howard,
>
> I also had the same experience using 50ohm coaxial cable. USB mouse stopped
> working, the keyboard started to beep, serial to usb adapter stopped
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> --
> 73 de Luis, CT2FZI
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>
> [Non-text portions of this message have been removed]
>

4189. Re: [LDG-auto-tuners] Re: balanced line & metal-framed windows

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-04-26 20:30:18 UTC
From: CT2FZI IM58KR
Topic: 4184 Message: 4189

Hello again Howard,

I hope that you had a good day today! It was very sunny in Lisbon: 25º C.

Regarding the non LDG tuner, you should wire the balanced binding posts to one non balanced (called random wire I guess). Even with the front selection button you should make this bypass.

The built-in balun is a voltage balun, not current. I do advise the usage of a current balun in all ways..

Your usage of the small length of coax and a 1:1 balun is OK, and you should always use a balun, even if you have it inside the shack.

My older computer is affected by RF but because I have the antenna less than 2 meters from it and I do have to use a coax choke balun and a 1:1 current balun at the same time! :D :D

The only thing I remember is to be sure that the ladder line stays outside, the solution you managed doesn't work with you? (coax from the outside to the inside)

On Mon, Apr 26, 2010 at 7:14 PM, Howard Z <Howard_Z@...> wrote:

>
>
> Luis,
>
> I was using 450 ohm ladder line and connecting it directly to a non-LDG
> tuner which has a built-in 4:1 balun. The tuner has a button to select
> between the Coax and the Balanced antenna connections. No wire to move. I
> figured - as you mentioned - that there would be less losses with
> ladder-line versus coax.
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> The only problem was RF effects to my computer equipment when I would
> transmit. I have not heard of anyone putting beads on ladder-line cable -
> I'd tend to think this would not fix the problem.
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> So, that was my one experiment with ladder line in my home. The solution at
> that time was to go back to using a 1:1 balun just outside the house and run
> about 10 feet of coax cable into the house.
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> in their home without these negative affects to computer equipment. What
> precautions prevented this problem?
>
> Howard

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>
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73 de Luis, CT2FZI

http://www.qsl.net/ct2fzi

[Non-text portions of this message have been removed]

4190. Re: Tuner for FT-950

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-05-01 02:21:49 UTC
From: cam55orange
Topic: 4167 Message: 4190

I looked on BetterRF's web site today. The references to a simple modification to make their product work with a FT-950 have been removed. So I guess its official.

Bill - AB6OR

--- In LDG-auto-tuners@yahoogroups.com, "cam55orange" <bwebb@...> wrote:
>
> I notice that some of the newer literature on their own external random wire tuner now has "3:1 input" in the spec. Without more information is is hard to really know, but they may have crippled their own autotuner as well.
>
> If you guys are going to Dayton, it might be worth a trip to the Yaesu booth on an information extraction mission. When I used to go to MEDTRADE in Atlanta, I was not above pumping a competitor wearing a borrowed badge:)
>
> The whole thing seems really odd.
>
> Bill - AB6OR
>
> --- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@> wrote:
> >
> > Bill,
> >
> > Thanks for the update. We'll that certainly is a bummer that Yaesu would change the code to keep people from using other brand tuners.
> >
> > The way that Yaesu can do that is they have a dummy load pad in their tuners that kicks in to limit the SWR to always be below 3:1 while the tuner is tuning. Then the algorithm just does the tuning scaled with the dummy load in line. When it's finished, it takes the dummy load out and the tuner still has the lowest SWR.
> >
> > However, the only thing that this effects is tuners that use the tune button on the radio, like the BetterRF adapter. I don't know of any other tuner that uses the tune button on the radio (maybe MFJ).
> >
> > It does not effect any LDG tuner as we don't use the tune button on the radio. We had thought about doing that, but certainly won't pursue it now!
> >
> > Dwayne
> > LDG
> >
> > --- In LDG-auto-tuners@yahoogroups.com, "cam55orange" <bwebb@> wrote:
> > >
> > > Are you running the latest firmware in the FT-950? According to BetterRF the lastest FT-950 firmware thwarts the BetterRF adapter by checking for 3:1 match befor it will tune.

> > >
> > > Is anyone running the lastest firmware in an FT-950 with any external tuner? I am wondering if the software change could thwart any external tuner.
> > >
> > > AB6OR - Bill
> > >
> > > --- In LDG-auto-tuners@yahoogroups.com, Mark D. Tetrault <mdtetrault@> wrote:
> > > >
> > > > On Tue, 13 Apr 2010 22:57:40 -0000, you wrote:
> > > >
> > > > >Has anyone tried the combination of an FT-950 with an AT-100PRO using the BetterRF Yaesu adapter?
> > > >
> > > > I'm using the Z100plus with the BetterRF on my FT950 and it works
> > > > fine.
> > > >
> > > > Mark
> > > >
> > > >
> > > >
> > > > Di-Mar Imaging & Design
> > > > Quality Campground Maps & Brochures
> > > > Concord, NH
> > > > (603) 387-9392
> > > >
> > >
> > >
> >
>

4191. Re: [LDG-auto-tuners] Re: Tuner for FT-950

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-05-01 09:53:49 UTC
From: Mark D. Tetrault
Topic: 4167 Message: 4191

On Sat, 01 May 2010 02:21:49 -0000, you wrote:

>I looked on BetterRF's web site today. The references to a simple modification to make their product work with a FT-950 have been removed. So I guess its official.
>

I spoke to him via email last week & he confirmed that Yaesu did make a change recently in one of the PEP updates and now his accessory no longer works with the FT-950. There are no plans to re-engineer the Better RF tuner accy for the change...

Oh well....

Mark
AA1OV

Di-Mar Imaging & Design
Quality Campground Maps & Brochures
Concord, NH
(603) 387-9392
www.di-mar.com

4192. YT-100 or Z-100Plus?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-05-01 15:19:10 UTC
From: yandan8
Topic: 4192 Message: 4192

Good Morning,

I have a Yaesu FT-857D that needs an auto-tuner. I figure I'll get an LDG. But I can't decide which one to get. The Z-100Plus seems almost identical to the YT-100, except with two pluses from my perspective: 1) batteries capable, and 2) smaller footprint and lighter -- for portable use. So why would anyone buy the YT-100 for the 857?

Thanks.

4193. Re: [LDG-auto-tuners] YT-100 or Z-100Plus?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-05-01 16:16:06 UTC
From: Scott L. Marriam
Topic: 4192 Message: 4193

Consider the Z11 PRO, too. You can have a battery holder installed in it
for a few bucks extra or do it yourself.

Half the guys in my club have them...sort of like having an official
club tuner! LOL.

Scott
WA2DTN

On Sat, 2010-05-01 at 15:19 +0000, yandan8 wrote:
> Good Morning,
>
> I have a Yaesu FT-857D that needs an auto-tuner. I figure I'll get an LDG. But I can't decide which one to get. The Z-100Plus seems almost identical to the YT-100, except with two pluses from my perspective: 1) batteries capable, and 2) smaller footprint and lighter -- for portable use. So why would anyone buy the YT-100 for the 857?
>
> Thanks.
>

4194. new ldg 100pro/2

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-05-01 20:38:01 UTC
From: John W
Topic: 4194 Message: 4194

Hello to all

My name is John (K5JRW) I am new to the group been a ham since 1980.I just replace my old mechanical mfj tuner with the 100pro/2.I have a 160 meter zepp up at 70 feet with around 70 feet of 450ohm ladderline into 4:1 balum.I was able to tune all bands with the mfj, but now I can tune all bands but 160 meters I am looking for any ideas as to why.My first thought was maybe I need to adding more ladderline.I have not tried this yet but any ideas would be most helpful.
Thanks.
John K5JRW

4195. Re: YT-100 or Z-100Plus?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-05-02 01:17:10 UTC
From: yandan8
Topic: 4192 Message: 4195

Thanks for the comment but you're making it harder, not easier, to decide. :-)

Not sure why LDG does this. The "differentiators" for these products are nowhere to be found in their literature.

--- In LDG-auto-tuners@yahoogroups.com, "Scott L. Marriam" <kb2bdb@...> wrote:
>
> Consider the Z11 PRO, too. You can have a battery holder installed in it
> for a few bucks extra or do it yourself.
>
> Half the guys in my club have them...sort of like having an official
> club tuner! LOL.
>
> Scott
> WA2DTN
>
> On Sat, 2010-05-01 at 15:19 +0000, yandan8 wrote:
> > Good Morning,
> >
> > I have a Yaesu FT-857D that needs an auto-tuner. I figure I'll get an LDG. But I can't decide which one to get. The Z-100Plus seems almost identical to the YT-100, except with two pluses from my perspective: 1) batteries capable, and 2) smaller footprint and lighter -- for portable use. So why would anyone buy the YT-100 for the 857?
> >
> > Thanks.
> >
>

4196. Re: new ldg 100pro/2

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-05-02 15:58:15 UTC
From: Dwayne
Topic: 4194 Message: 4196

John,

The first thing to do is to check to see if the antenna is within the tuning range of the tuner on 160. Most manual tuners have a wider tuning range than most autotuners, so I'm suspecting this will be case here.

Using an autotuner on 160 is usually very difficult as the SWR rises very, very fast once you get away from resonance of the antenna.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "John W" <jrrebel73@...> wrote:
>
> Hello to all
>
>
> My name is John (K5JRW) I am new to the group been a ham since 1980.I just replace my old mechanical mfj tuner with the 100pro/2.I have a 160 meter zepp up at 70 feet with around 70 feet of 450ohm ladderline into 4:1 balum.I was able to tune all bands with the mfj, but now I can tune all bands but 160 meters I am looking for any ideas as to why.My first thought was maybe I need to adding more ladderline.I have not tried this yet but any ideas would be most helpful.
> Thanks.
> John K5JRW
>

4197. Re: YT-100 or Z-100Plus?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-05-02 15:55:03 UTC
From: Dwayne
Topic: 4192 Message: 4197

Yandon,

The tuner comparison chart has a link on the LDG Yahoo group main page. It's also accessible from the Autotuner page on the LDG web site.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "yandan8" <dpyang@...> wrote:
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> Thanks for the comment but you're making it harder, not easier, to decide. :-)
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> > On Sat, 2010-05-01 at 15:19 +0000, yandan8 wrote:
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> > > Thanks.
> > >
> >
>

4198. Re: YT-100 or Z-100Plus?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-05-02 21:44:03 UTC
From: yandan8
Topic: 4192 Message: 4198

Yes, I was aware of the chat. Don't know about everyone else, but LDG's comparison chart still leaves me with my questions regarding why one product over another.

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
> Yandon,
>
> The tuner comparison chart has a link on the LDG Yahoo group main page. It's also accessible from the Autotuner page on the LDG web site.
>
> Dwayne Kincaid
> LDG
>
> --- In LDG-auto-tuners@yahoogroups.com, "yandan8" <dpyang@> wrote:
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> > > Scott
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> > >
> > > On Sat, 2010-05-01 at 15:19 +0000, yandan8 wrote:
> > > > Good Morning,
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> > > > I have a Yaesu FT-857D that needs an auto-tuner. I figure I'll get an LDG. But I can't decide which one to get. The Z-100Plus seems almost identical to the YT-100, except with two pluses from my perspective: 1) batteries capable, and 2) smaller footprint and lighter -- for portable use. So why would anyone buy the YT-100 for the 857?
> > > >
> > > > Thanks.
> > > >
> > >
> > >
> >
>

4199. Re: YT-100 or Z-100Plus?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-05-03 05:16:04 UTC
From: Dwayne
Topic: 4192 Message: 4199

Yandon,

What specific questions do you still have?

For most people, it's a personal choice: Do you like more button and lights or a more simple approach? Do you want to be in control of the radio or let the tuner do it? How important is battery operation to you?

You'll have to give us more information on your personal preferences to go on.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "yandan8" <dpyang@...> wrote:
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> > Yandon,
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> > LDG
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> > > > Scott
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> > > > >
> > > > > Thanks.
> > > > >
> > > >
> > >
> >
>

4200. Re: [LDG-auto-tuners] Re: YT-100 or Z-100Plus?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-05-03 08:01:37 UTC
From: SATYAN VU3MES
Topic: 4192 Message: 4200

Hello?

i have an 857d and a z11pro with battery option. when i am stationary i use it with the 13.8v power supply i have for my rig and when i go mobile at times i put the?batteries?in. 857d and z11pro are sort of made for each other set up.

73s de VU3MES
chennai - india - qth location website.
http://www.findu.com/cgi-bin/find.cgi?call=vu3mes
http://www.qrz.com/callsign/vu3mes
http://www.satyansarath.param.mobi [mobile web page]

----- Original message -----
From: "Dwayne□" <ldgyahoo@ldgelectronics.com>
To: <LDG-auto-tuners@yahoogroups.com>
Subject: [LDG-auto-tuners] Re: YT-100 or Z-100Plus?
Date: Mon, 03 May 2010 05:16:04 -0000

?

Yandon,

What specific questions do you still have?

For most people, it's a personal choice: Do you like more button and lights or a more simple approach? Do you want to be in control of the radio or let the tuner do it? How important is battery operation to you?

You'll have to give us more information on your personal preferences to go on.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "yandan8" <dpyang@...> wrote:
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> Yes, I was aware of the chat. Don't know about everyone else, but LDG's comparison chart still leaves me with my questions regarding why one product over another.
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> > LDG
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> > --- In LDG-auto-tuners@yahoogroups.com, "yandan8" <dpyang@>
wrote:
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> > > Not sure why LDG does this. The "differentiators" for these
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> > > --- In LDG-auto-tuners@yahoogroups.com, "Scott L. Marriam"
<kb2bdb@> wrote:
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> > > > Half the guys in my club have them...sort of like having an
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> > > > Scott
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> > > > On Sat, 2010-05-01 at 15:19 +0000, yandan8 wrote:
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> > > > > Thanks.
> > > > >
> > > >
> > >
> >
>

Ovi Mail: Free email account from Nokia
http://mail.ovi.com

[Non-text portions of this message have been removed]

4201. Re: YT-100 or Z-100Plus?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-05-04 05:28:37 UTC
From: yandan8
Topic: 4192 Message: 4201

Thanks for the help.

As someone recently said about this hobby, the budget has to be the constraint. So it is for me.

I honestly don't see what one gets for paying $40 more going from the Z-100+ to the YT-100. Any feature difference in the chart, except for Tuning Range, seems to be a negative. (Batteries is an option the YT-100 doesn't have, so that is a negative.) Plus its a bigger box (also negative from my perspective). So why do folks buy the YT-100? What is it I'm missing?

With respect to the Z11Pro. I associate LDG with automatic tuners (simplicity preferred), so really haven't focused on the Z11Pro.

--- In LDG-auto-tuners@yahoogroups.com, "SATYAN VU3MES" <satyansarath40@...> wrote:
>
> Hello
>
> i have an 857d and a z11pro with battery option. when i am stationary i
> use it with the 13.8v power supply i have for my rig and when i go mobile
> at times i put the batteries in. 857d and z11pro are sort of made for
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> http://www.qrz.com/callsign/vu3mes
> http://www.satyansarath.param.mobi [mobile web page]
>
>
>
> ----- Original message -----
> From: "Dwayneâ□□" <ldgyahoo@...>
> To: <LDG-auto-tuners@yahoogroups.com>
> Subject: [LDG-auto-tuners] Re: YT-100 or Z-100Plus?
> Date: Mon, 03 May 2010 05:16:04 -0000
>
>
>
> Yandon,
>
> What specific questions do you still have?
>

> For most people, it's a personal choice: Do you like more button and
> lights or a more simple approach? Do you want to be in control of the
> radio or let the tuner do it? How important is battery operation to
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>
> You'll have to give us more information on your personal preferences
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> Dwayne Kincaid
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> > --- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@> wrote:
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> > > Yandon,
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> > >
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> > > LDG
> > >
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> > > > Thanks for the comment but you're making it harder, not easier,
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> perspective: 1) batteries capable, and 2) smaller footprint and
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> Ovi Mail: Free email account from Nokia
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>
>
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> [Non-text portions of this message have been removed]
>

4203. Re: YT-100 or Z-100Plus?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-05-06 01:30:42 UTC
From: kb0naz
Topic: 4192 Message: 4203

the Z11Pro is automatic !! mines mounted about 75ft away and the only time I touch it,is to change the batteries.I've had allot of different LDG tuners,from the old one's like the RT11 to the 100 and 200Pro..they're all automatic (at least everyone of them I've had were)rf sensing tuner's

Scott KB0NAZ

--- In LDG-auto-tuners@yahoogroups.com, "yandan8" <dpyang@...> wrote:
>
> Thanks for the help.
>
> As someone recently said about this hobby, the budget has to be the constraint. So it is for me.
>
> I honestly don't see what one gets for paying $40 more going from the Z-100+ to the YT-100. Any feature difference in the chart, except for Tuning Range, seems to be a negative. (Batteries is an option the YT-100 doesn't have, so that is a negative.) Plus its a bigger box (also negative from my perspective). So why do folks buy the YT-100? What is it I'm missing?
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> > Hello
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> > i have an 857d and a z11pro with battery option. when i am stationary i
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> > http://www.findu.com/cgi-bin/find.cgi?call=vu3mes
> > http://www.qrz.com/callsign/vu3mes
> > http://www.satyansarath.param.mobi [mobile web page]
> >
> >
> >
> > ----- Original message -----
> > From: "Dwayneâ□□" <ldgyahoo@>
> > To: <LDG-auto-tuners@yahoogroups.com>
> > Subject: [LDG-auto-tuners] Re: YT-100 or Z-100Plus?
> > Date: Mon, 03 May 2010 05:16:04 -0000

> >
> >
> >
> > Yandon,
> >
> > What specific questions do you still have?
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> > For most people, it's a personal choice: Do you like more button and
> > lights or a more simple approach? Do you want to be in control of the
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> > Dwayne Kincaid
> > LDG
> >
> > --- In LDG-auto-tuners@yahoogroups.com, "yandan8" <dpyang@> wrote:
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> > > >
> > > > Dwayne Kincaid
> > > > LDG
> > > >
> > > > --- In LDG-auto-tuners@yahoogroups.com, "yandan8" <dpyang@>
> > wrote:
> > > > >
> > > > > Thanks for the comment but you're making it harder, not easier,
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> > >
> > > ---
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> >
> >
> > [Non-text portions of this message have been removed]
> >
>

4204. AT-600Pro Web Update

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-05-12 17:28:40 UTC
From: Dwayne
Topic: 4204 Message: 4204

For those of you waiting, the LDG web site has been updated with the description, specs and photos of the AT-600Pro. We are still on track for a June delivery.

Also the new longer interface cable for Icom radios and the new Alinco interface cable should be available at www.cheapham.com in June.

Dwayne Kincaid
LDG

4205. A quick thankyou for customer support

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-05-13 14:18:31 UTC
From: m0rjc
Topic: 4205 Message: 4205

I asked about the 4:1 balun and earthing when the tuner was close to the balun. The answer was not to ground the tuner in this situation. I also asked about the pin-out of the Radio socket on the back. It's good when customer support provide answers to those kinds of questions, and quickly too!

I've been using the Z11-Pro tuner at the antenna end of the feeder, to feed a wire antenna through the 4:1 balun. I've worked QRP so far and found that it works well. I'd considered adding some form of remote control and display for it. It's not an idea I've pursued far - and to be fair the tuner does work well in Auto. My radio (Yaesu 897 - and a borrowed 817 when I went portable last weekend) has a SWR display which gives an idea of what's going on. Once you've populated the memories for your antenna, tuning is very quick.

Reading more about cable loss in mismatched situations I'm not so sure whether placing the tuner at the radio end would really be much of a disadvantage over placing it at the antenna end as often suggested.

- Richard (M0RJC)

4207. 1:1 Balun

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-05-14 01:36:14 UTC
From: cam55orange
Topic: 4207 Message: 4207

I put my free promotional 1:1 balun to good use.

I cut the SO-259 connector off of my G5RV and attached the Balun. The antenna tuner seems to be able to find a better match faster. There is also less RF creeping back into the house. The improvement is most notable on 30m.

AB6OR

4208. AT-11MP needs repair

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-05-15 23:36:17 UTC
From: sly
Topic: 4208 Message: 4208

Guess I need to send in my at-11mp to be fixed. It just clicks away making its "sewing machine" noises but will never tune even though the meter is swinging up/down. I also need to get the latest "chip" installed as it is about 8-10 years old (1.6?).
Anyway does anyone know what LDG might charge for repair and upgrade and turn around time?
Thanks
Sly-n5gqb

4209. Re: AT-11MP needs repair

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-05-17 00:35:06 UTC
From: Dwayne
Topic: 4208 Message: 4209

Sly,

It's about $35 plus shipping and about two weeks counting shipping time.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "sly" <kapchinskipc@...> wrote:
>
> Guess I need to send in my at-11mp to be fixed. It just clicks away making its "sewing machine" noises but will never tune even though the meter is swinging up/down. I also need to get the latest "chip" installed as it is about 8-10 years old (1.6?).
> Anyway does anyone know what LDG might charge for repair and upgrade and turn around time?
> Thanks
> Sly-n5gqb
>

4210. LDG AT-200 PRO 8M

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-05-18 14:22:02 UTC
From: n7gdp
Topic: 4210 Message: 4210

I just got my AT-200 PRO, Radio Yaesu FT-980, Antennas G5RV Jr inverted V, ans a Hygain 14AVQ with the MK-80 kit, I have no proplems with the G5RV Jr tuning up or the AUQ14 on 10 to 40 Meters, but on 80M it does not tune, I have tuned the MK-80 mod to 3.90 with SWR of 2.2 3.95 SWR 4.6 and 3.8 SWR 7.8, the tuner will not tune just clicks when I am on 80M, any ideas

4211. RE: [LDG-auto-tuners] LDG AT-200 PRO 8M

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-05-18 15:23:10 UTC
From: Ken Bandy
Topic: 4210 Message: 4211

Sorry to tell you this, but neither one of these antennas are rated for the 80M band. If you have an antenna analyzer, hang it on the coax feeding your tuner from each of these antennas. It's probably going to be over an SWR of 10:1. Even if the tuner could tune these antennas, they wouldn't be very efficient, basically a large "dummy load".

Sorry.

Ken
KJ9B

> -----Original Message-----
> From: n7gdp [mailto:n7gdp@...]
> Sent: Tuesday, May 18, 2010 10:22 AM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: [LDG-auto-tuners] LDG AT-200 PRO 8M
>
> I just got my AT-200 PRO, Radio Yaesu FT-980, Antennas G5RV
> Jr inverted V, ans a Hygain 14AVQ with the MK-80 kit, I have
> no proplems with the G5RV Jr tuning up or the AUQ14 on 10 to
> 40 Meters, but on 80M it does not tune, I have tuned the
> MK-80 mod to 3.90 with SWR of 2.2 3.95 SWR 4.6 and 3.8 SWR
> 7.8, the tuner will not tune just clicks when I am on 80M, any ideas

4212. RE: [LDG-auto-tuners] LDG AT-200 PRO 8M

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-05-18 15:39:40 UTC
From: N7GDP-Walt
Topic: 4210 Message: 4212

Ken

Understand that the G5RV Jr is not rated for 75/80M & I am not trying to use it on 80M's, the 14AVQ is a 10-40 M antenna but when you add the MK-80 modification it takes it to 80 meter with a narrow tuning range, and I have tuned the antenna to cover 3.850 to 3.950 the SWR is 2.2 in the middle 3.9 and 5.5 on both edges of the range, I don't understand AT-200 why it will not tune. SWR was measured with Antenna Analyzer MFJ - 269

73's
Walt N7GDP

[Non-text portions of this message have been removed]

4213. Re: Tuner for FT-950

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-05-24 02:57:04 UTC
From: cam55orange
Topic: 4167 Message: 4213

Does anyone know the last revision that worked with the Better RF device? Knowing the rough date would probably be good enough.

AB6OR - Bill

--- In LDG-auto-tuners@yahoogroups.com, Mark D. Tetrault <mdtetrault@...> wrote:
>
> On Sat, 01 May 2010 02:21:49 -0000, you wrote:
>
> >I looked on BetterRF's web site today. The references to a simple modification to make their product work with a FT-950 have been removed. So I guess its official.
> >
>
> I spoke to him via email last week & he confirmed that Yaesu did make
> a change recently in one of the PEP updates and now his accessory no
> longer works with the FT-950. There are no plans to re-engineer the
> Better RF tuner accy for the change...
>
> Oh well....
>
> Mark
> AA1OV
>
>
>
> Di-Mar Imaging & Design
> Quality Campground Maps & Brochures
> Concord, NH
> (603) 387-9392
> www.di-mar.com
>

4214. AT-100Pro won't autotune

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-05-25 01:27:08 UTC
From: Howard
Topic: 4214 Message: 4214

I'm running an AT-100Pro from a Yaesu FT-950. I rely on transmitter rollback - no interface between the tuner and the radio....I know....

The 950 is set for an external tuner and until recently the tuner worked well. Now, when I transmit, the AT100Pro does not automatically enter tune mode when presented with an SWR above the threshold setting - I've tried changing the setting down and up and have it set at 1.7:1

I can force it to tune manually - but no auto tune....what am I missing? Also, It doesn't seem to remember settings once tuned to a freq on a specific antenna. Primarily running a flat top dipole at about 30 ft.

TIA for the list's help.

Howard
KO4GS

4215. Re: AT-100Pro won't autotune

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-05-26 01:27:25 UTC
From: cam55orange
Topic: 4214 Message: 4215

Could you have 'AUTO' on the AT-100PRO turned off?

AB6OR - Bill

--- In LDG-auto-tuners@yahoogroups.com, "Howard" <ko4gs@...> wrote:
>
> I'm running an AT-100Pro from a Yaesu FT-950. I rely on transmitter rollback - no interface between the tuner and the radio....I know....
>
> The 950 is set for an external tuner and until recently the tuner worked well. Now, when I transmit, the AT100Pro does not automatically enter tune mode when presented with an SWR above the threshold setting - I've tried changing the setting down and up and have it set at 1.7:1
>
> I can force it to tune manually - but no auto tune....what am I missing? Also, It doesn't seem to remember settings once tuned to a freq on a specific antenna. Primarily running a flat top dipole at about 30 ft.
>
> TIA for the list's help.
>
> Howard
> KO4GS
>

4216. Problum with z-11 pro II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-05-26 19:28:40 UTC
From: kg6qdi2002
Topic: 4216 Message: 4216

Hi everyone I am having a hard time using the tuner. I have a FT-857D and have the cable connect to the radio and tuner. When I try to tune the antenna using the tuner. I hold down the tune key for a full tune. the tuner has the 1.5 and tune are on. When I let go of the tune key the only light that is on is the Tune. And when I key up the radio in AM mode the tuner tunes. Has this happened to anyone.

Thanks
Al, kg6qdi

4217. Re: Problum with z-11 pro II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-05-27 02:43:54 UTC
From: cam55orange
Topic: 4216 Message: 4217

I gusss I am having a little trouble understanding your post. My fault. When you say 'cable connected to the radio and tuner' do you mean that you are using the BetterRF device? When you say that the 'only light on is Tune' do you mean that the tune light on the radio is on solid? When you press tune on the radio do you mean that the LDG tuner does nothing?

Is you radio set to external tuner in menu?

Sorry for no help and lots of questions.

Bill - AB6OR

--- In LDG-auto-tuners@yahoogroups.com, "kg6qdi2002" <nocola@...> wrote:
>
> Hi everyone I am having a hard time using the tuner. I have a FT-857D and have the cable connect to the radio and tuner. When I try to tune the antenna using the tuner. I hold down the tune key for a full tune. the tuner has the 1.5 and tune are on. When I let go of the tune key the only light that is on is the Tune. And when I key up the radio in AM mode the tuner tunes. Has this happened to anyone.
>
> Thanks
> Al, kg6qdi
>

4218. Re: AT-100Pro won't autotune

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-05-27 12:27:40 UTC
From: Howard
Topic: 4214 Message: 4218

Yes indeed. Works fine now and I should've known better.

Thanks, Howard
KO4GS

--- In LDG-auto-tuners@yahoogroups.com, "cam55orange" <bwebb@...> wrote:
>
> Could you have 'AUTO' on the AT-100PRO turned off?
>
> AB6OR - Bill
>
> --- In LDG-auto-tuners@yahoogroups.com, "Howard" <ko4gs@> wrote:
> >
> > I'm running an AT-100Pro from a Yaesu FT-950. I rely on transmitter rollback - no interface between the tuner and the radio....I know....
> >
> > The 950 is set for an external tuner and until recently the tuner worked well. Now, when I transmit, the AT100Pro does not automatically enter tune mode when presented with an SWR above the threshold setting - I've tried changing the setting down and up and have it set at 1.7:1
> >
> > I can force it to tune manually - but no auto tune....what am I missing? Also, It doesn't seem to remember settings once tuned to a freq on a specific antenna. Primarily running a flat top dipole at about 30 ft.
> >
> > TIA for the list's help.
> >
> > Howard
> > KO4GS
> >
>

4219. Re: Problem with Z-11 Pro II and Yaesu 857

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-05-27 11:37:19 UTC
From: Richard Corfield
Topic: 4219 Message: 4219

Does the 857 have any menu settings to tell it that the thing connected to the ACC jack is a tuner? It's a while since I set up my 897, but I think there was something I had to change.

- Richard

[Non-text portions of this message have been removed]

4220. Re: Problem with Z-11 Pro II and Yaesu 857

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-05-28 13:18:49 UTC
From: Dwayne
Topic: 4219 Message: 4220

Hello Richard,

The 857/897 does not have any menu settings that need to be configured when using the Y-ACC cable.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, Richard Corfield <richard.corfield@...> wrote:
>
> Does the 857 have any menu settings to tell it that the thing connected to
> the ACC jack is a tuner? It's a while since I set up my 897, but I think
> there was something I had to change.
>
> - Richard
>
>
> [Non-text portions of this message have been removed]
>

4221. Memorial Day Weekend

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-05-31 01:31:07 UTC
From: ve3xnb@sympatico.ca
Topic: 4221 Message: 4221

To ALL my American friends everywhere.

I wish to take this Time to wish all my American friends a safe, happy and healthy Memorial Day Weekend. But PLEASE take the time to remember what it is all about. Take a few minutes to remember all those who have died in the service of their respective countries, not only Americans, but all her friends and allies as well. Remember not only those who have died in actual actions, but those whom have been wounded and died later as a result. In some cases YEARS later. Also remember and give thanks to those whom have been wounded and lived for years carrying those pains and scares. Remember the families and friends of those lost.

JUST GIVE THANKS THAT WE ARE ABLE TO HAVE THE FREEDOM TO EVEN POST MESSAGES SUCH AS THIS.

GOD BLESS AND KEEP SAFE THOSE THAT FIGHT FOR OUR FREEDOM EVERYWHERE.

73 de Bob VE3XNB ve3xnb@...
FP-1852, NAQCC-2607, ARRL, RAC, CCO, NEQRP, KWARC, GARC

[Non-text portions of this message have been removed]

4222. FT-857 interface cable for LDG AT200 Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-06-01 07:19:34 UTC
From: mikezl1kan
Topic: 4222 Message: 4222

Does anyone have a wiring diagram to make this stereo type plug Cable connection between the tuner and the FT857

4223. Re: [LDG-auto-tuners] FT-857 interface cable for LDG AT200 Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-06-01 16:38:31 UTC
From: Leonard K. Pennock
Topic: 4222 Message: 4223

Sleeve to Sleeve.
Ring on FT857 accessory jack to sleeve on LDG.

On 06/01/2010 12:19 AM, mikezl1kan wrote:
> Does anyone have a wiring diagram to make this stereo type plug Cable connection between the tuner and the FT857
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

--
Leonard K. Pennock
AD7AS

Those who walk bravely through life, unafraid of loss or failure,
find that they very rarely lose or fail.

4224. Re: [LDG-auto-tuners] FT-857 interface cable for LDG AT200 Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-06-01 17:00:59 UTC
From: Leonard K. Pennock
Topic: 4222 Message: 4224

Correction.

Ring on 857 to tip on LDG.

On 06/01/2010 09:38 AM, Leonard K. Pennock wrote:
> Sleeve to Sleeve.
> Ring on FT857 accessory jack to sleeve on LDG.
>
> On 06/01/2010 12:19 AM, mikezl1kan wrote:
>> Does anyone have a wiring diagram to make this stereo type plug Cable connection between the tuner and the FT857
>>
>>
>>
>> ------------------------------------
>>
>> Yahoo! Groups Links
>>
>>
>>
>>

--
Leonard K. Pennock
AD7AS

Those who walk bravely through life, unafraid of loss or failure,
find that they very rarely lose or fail.

4225. Re: FT-857 interface cable for LDG AT200 Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-06-01 19:49:50 UTC
From: Dwayne
Topic: 4222 Message: 4225

Mike,

You can also look on the LDG web site under Cables.

http://www.ldgelectronics.com/c/252/products/13/24/1

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "mikezl1kan" <mikekan@...> wrote:
>
> Does anyone have a wiring diagram to make this stereo type plug Cable connection between the tuner and the FT857
>

4227. Re: AT-600Pro Web Update

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-06-11 21:36:51 UTC
From: Dwayne
Topic: 4204 Message: 4227

Just a follow up to this. The AT-600Pro is still on track for late this month.

The new cables are looking like early July.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
> For those of you waiting, the LDG web site has been updated with the description, specs and photos of the AT-600Pro. We are still on track for a June delivery.
>
> Also the new longer interface cable for Icom radios and the new Alinco interface cable should be available at www.cheapham.com in June.
>
> Dwayne Kincaid
> LDG
>

4228. RE: [LDG-auto-tuners] Re: AT-600Pro Web Update

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-06-11 21:43:16 UTC
From: Phil LaMarche
Topic: 4204 Message: 4228

That's great, I have one on order!

Philip LaMarche

LaMarche Enterprises, Inc
Phil@...
www.LaMarcheEnterprises.com <http://www.lamarcheenterprises.com/>

727-944-3226
727-937-8834 Fax
727-510-5038 Cell

www.w9dvm.com <http://www.w9dvm.com/>

K3 #1605

CCA 98-00827
CRA 1701
W9DVM

From: LDG-auto-tuners@yahoogroups.com
[mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Dwayne
Sent: Friday, June 11, 2010 5:37 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: AT-600Pro Web Update

Just a follow up to this. The AT-600Pro is still on track for late this
month.

The new cables are looking like early July.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com
<mailto:LDG-auto-tuners%40yahoogroups.com> , "Dwayne" <ldgyahoo@...> wrote:
>
> For those of you waiting, the LDG web site has been updated with the
description, specs and photos of the AT-600Pro. We are still on track for a
June delivery.
>
> Also the new longer interface cable for Icom radios and the new Alinco
interface cable should be available at www.cheapham.com in June.
>
> Dwayne Kincaid
> LDG

>

[Non-text portions of this message have been removed]

4229. 1000Pro wattmeter mod for PEP

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-06-12 17:22:58 UTC
From: Murf
Topic: 4229 Message: 4229

hello to the group,
I have a 200pro and a 1000pro.. love them both. only thing I would like to do is have the 1000pro wattmeter read pep.. with a slow decay.
the 200pro with the bar graph is just right.. has anyone messed with the 1000pro for more pep readings.. tnx.
Murf
n7uvh in Idaho.
73

4230. Re: 1000Pro wattmeter mod for PEP

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-06-12 17:41:16 UTC
From: Dwayne
Topic: 4229 Message: 4230

Hi Murf,

That would be fairly difficult to do. The meter movements in the AT-1000Pro is controlled by the software. If it were directly driven by the RF sensor, then it would be a simple matter of adding a capacitor to slow the decay.

We've been working on a software upgrade for many months that will add peak reading to the AT-1000Pro. It's not quite ready yet, but we're hoping to have it available next month (July).

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "Murf" <n7uvh01@...> wrote:
>
> hello to the group,
> I have a 200pro and a 1000pro.. love them both. only thing I would like to do is have the 1000pro wattmeter read pep.. with a slow decay.
> the 200pro with the bar graph is just right.. has anyone messed with the 1000pro for more pep readings.. tnx.
> Murf
> n7uvh in Idaho.
> 73
>

4231. Re: 1000Pro wattmeter mod for PEP

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-06-12 21:04:31 UTC
From: Liz & Tony Buckland
Topic: 4229 Message: 4231

Hi Dwayne,

That's good news re the AT-1000PRO, a major shortcoming not having a PEP reading, I look forward to that. Thanks :-).

73 Tony ZL3HAM

4232. Re: 1000Pro wattmeter mod for PEP

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-06-15 01:10:07 UTC
From: Murf
Topic: 4229 Message: 4232

oh that is just way cool..
tu to the LDG crew! Best thing I have heard beside activity on 6 meters hi.. 73
Murf

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
> Hi Murf,
>
> That would be fairly difficult to do. The meter movements in the AT-1000Pro is controlled by the software. If it were directly driven by the RF sensor, then it would be a simple matter of adding a capacitor to slow the decay.
>
> We've been working on a software upgrade for many months that will add peak reading to the AT-1000Pro. It's not quite ready yet, but we're hoping to have it available next month (July).
>
> Dwayne Kincaid
> LDG
>
>
>
> --- In LDG-auto-tuners@yahoogroups.com, "Murf" <n7uvh01@> wrote:
> >
> > hello to the group,
> > I have a 200pro and a 1000pro.. love them both. only thing I would like to do is have the 1000pro wattmeter read pep.. with a slow decay.
> > the 200pro with the bar graph is just right.. has anyone messed with the 1000pro for more pep readings.. tnx.
> > Murf
> > n7uvh in Idaho.
> > 73
> >
>

4233. Portable wire configurations?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-06-15 12:17:47 UTC
From: w_r_adams1
Topic: 4233 Message: 4233

What wire lengths, geometry, height, etc. do you use when going portable with your autotuner? Do you have recommendations for best practices on temporary setups?

Please share your successes and things to avoid.

I am gearing up for 40, 30 and 20 meters with an AT-100 PRO. I have a 12 v 7.5 ah battery, switchable 1:1 / 4:1 balun, tv twinlead, 50 feet of Rg=8X, 35 feet of guyed mast and lots of wire. Trees seldom reach 30 to 40 feet in height and are always in the wrong location! The greatest density of US stations from my location lie between azimuths of 360 to 120 degrees with another concentration between 270 and 315 degrees. All stations are at distances of less than 3000 km from my operating site. I will be operating cw from local noon until sundown throughout this summer at 5 watts output. I expect temperatures to be over 90 degrees Fahrenheit and I will carry shade and a large volume of water/Gatorade, needless to say I do not intend to hike too far! Oh what to do?

73
Bill AF4B

4234. Bypass in the AT200 Pro?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-06-15 20:45:43 UTC
From: n0hnj
Topic: 4234 Message: 4234

Hello to the group! Just joined, and my call is KB3MOW - the Yahoo ID is left over from my old call!

I have the AT200Pro Autotuner and have been very happy with it except for one problem. It doesn't seem to bypass as the manual states.

To quote the manual, pressing the "Tune" button for 1/2 second places the unit in bypasss, and RF goes directly to the antenna with no matching. Except that it doesn't do that with my unit. It still attempts to tune.

I emailed LDG about this, and they answered that the AT200Pro does not have a bypass feature.

Does anyone know if this is a typo in the manual, is there really no bypass feature, or is there another command to access it?

Thanks!
Dave
KB3MOW

4235. Re: [LDG-auto-tuners] Portable wire configurations?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-06-15 23:08:47 UTC
From: Jim
Topic: 4233 Message: 4235

w_r_adams1 wrote:
> What wire lengths, geometry, height, etc. do you use when going portable with your autotuner? Do you have recommendations for best practices on temporary setups?
>
> Please share your successes and things to avoid.
>
> I am gearing up for 40, 30 and 20 meters with an AT-100 PRO. I have a 12 v 7.5 ah battery, switchable 1:1 / 4:1 balun, tv twinlead, 50 feet of Rg=8X, 35 feet of guyed mast and lots of wire. Trees seldom reach 30 to 40 feet in height and are always in the wrong location! The greatest density of US stations from my location lie between azimuths of 360 to 120 degrees with another concentration between 270 and 315 degrees. All stations are at distances of less than 3000 km from my operating site. I will be operating cw from local noon until sundown throughout this summer at 5 watts output. I expect temperatures to be over 90 degrees Fahrenheit and I will carry shade and a large volume of water/Gatorade, needless to say I do not intend to hike too far! Oh what to do?
>
> 73
> Bill AF4B
>
>
>
This article is a good starting point.

http://www.hamuniverse.com/randomwireantennalengths.html

Jim.

4236. Re: Bypass in the AT200 Pro?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-06-16 15:28:59 UTC
From: kb0naz
Topic: 4234 Message: 4236

haven't owned the 200pro. But I did own the 100pro and several Z11Pro's. None of them worked/work in bypass mode,they all continued to tune if left in AUTO mode.If I remember right,the tuner needs to be put in "semi-auto" mode for bypass to work,but not sure as I haven't used my LDG auto tuners for quite some time;switched to a manual tuner

Scott KB0NAZ
--- In LDG-auto-tuners@yahoogroups.com, "n0hnj" <dcorio@...> wrote:
>
> Hello to the group! Just joined, and my call is KB3MOW - the Yahoo ID is left over from my old call!
>
> I have the AT200Pro Autotuner and have been very happy with it except for one problem. It doesn't seem to bypass as the manual states.
>
> To quote the manual, pressing the "Tune" button for 1/2 second places the unit in bypasss, and RF goes directly to the antenna with no matching. Except that it doesn't do that with my unit. It still attempts to tune.
>
> I emailed LDG about this, and they answered that the AT200Pro does not have a bypass feature.
>
> Does anyone know if this is a typo in the manual, is there really no bypass feature, or is there another command to access it?
>
> Thanks!
> Dave
> KB3MOW
>

4237. Re: Bypass in the AT200 Pro?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-06-16 15:49:07 UTC
From: Dwayne
Topic: 4234 Message: 4237

Dave,

All LDG tuners can be bypassed. However, if the tuner has an Auto mode and it's turned on, the Auto mode will override a bypassed condition and tune if the SWR is above the threshold level.

If you do not want the tuner to tune, you can simply change the Auto mode to off.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "n0hnj" <dcorio@...> wrote:
>
> Hello to the group! Just joined, and my call is KB3MOW - the Yahoo ID is left over from my old call!
>
> I have the AT200Pro Autotuner and have been very happy with it except for one problem. It doesn't seem to bypass as the manual states.
>
> To quote the manual, pressing the "Tune" button for 1/2 second places the unit in bypasss, and RF goes directly to the antenna with no matching. Except that it doesn't do that with my unit. It still attempts to tune.
>
> I emailed LDG about this, and they answered that the AT200Pro does not have a bypass feature.
>
> Does anyone know if this is a typo in the manual, is there really no bypass feature, or is there another command to access it?
>
> Thanks!
> Dave
> KB3MOW
>

4238. Re: [LDG-auto-tuners] Re: Bypass in the AT200 Pro?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-06-16 16:05:55 UTC
From: dcorio@zitomedia.net
Topic: 4234 Message: 4238

Thanks! That solves the problem. I leave it in Auto mode.

Help appreciated!
73
Dave
KB3MOW

> Dave,
>
> All LDG tuners can be bypassed. However, if the tuner has an Auto mode and
> it's turned on, the Auto mode will override a bypassed condition and tune
> if the SWR is above the threshold level.
>
> If you do not want the tuner to tune, you can simply change the Auto mode
> to off.
>
> Dwayne Kincaid
> LDG
>
>

4239. LDG 600

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-06-16 16:16:02 UTC
From: Phil LaMarche
Topic: 4239 Message: 4239

I have the new 600 watt auto tuner on order. Via cable, it links up with Yaesu and Icom. Can it be linked with my Elecraft K3? Or, any future plans to do so?

Phil

Philip LaMarche

LaMarche Enterprises, Inc
Phil@...
www.LaMarcheEnterprises.com <http://www.lamarcheenterprises.com/>

727-944-3226
727-937-8834 Fax
727-510-5038 Cell

www.w9dvm.com <http://www.w9dvm.com/>

K3 #1605

CCA 98-00827
CRA 1701
W9DVM

[Non-text portions of this message have been removed]

4240. Re: LDG 600

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-06-16 16:28:53 UTC
From: Dwayne
Topic: 4239 Message: 4240

Phil,

We have no plans to interface to Elecraft radios.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "Phil LaMarche" <plamarc1@...> wrote:
>
> I have the new 600 watt auto tuner on order. Via cable, it links up with
> Yaesu and Icom. Can it be linked with my Elecraft K3? Or, any future plans
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>
> [Non-text portions of this message have been removed]
>

4241. Re: [LDG-auto-tuners] Re: Bypass in the AT200 Pro?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-06-16 19:01:29 UTC
From: Howard Bingham
Topic: 4234 Message: 4241

At 10:28 AM 6/16/2010, kb0naz wrote:

>haven't owned the 200pro. But I did own the 100pro and several
>Z11Pro's. None of them worked/work in bypass mode,they all continued
>to tune if left in AUTO mode.If I remember right,the tuner needs to
>be put in "semi-auto" mode for bypass to work,but not sure as I
>haven't used my LDG auto tuners for quite some time;switched to a manual tuner
>
>Scott KB0NAZ
--

That is what I found out too in my mobile installation, hence the
tuner stays "in the box" unused since return from a factory check in
which they could not simulate the problems I was having with
exceptionally high SWR on an antenna & coax combination that tests
1.3:1 at best on 10M..!

May need a tuner when I get General license & more antennas, but
until then, it stays home in the box, as I get better results WITHOUT
the AT-200Pro which was recommended by the store I bought the equipment from

Howard Bingham
KE5APJ

--

>--- In LDG-auto-tuners@yahoogroups.com, "n0hnj" <dcorio@...> wrote:
> >
> > Hello to the group! Just joined, and my call is KB3MOW - the
> Yahoo ID is left over from my old call!
> >
> > I have the AT200Pro Autotuner and have been very happy with it
> except for one problem. It doesn't seem to bypass as the manual states.
> >
> > To quote the manual, pressing the "Tune" button for 1/2 second
> places the unit in bypasss, and RF goes directly to the antenna
> with no matching. Except that it doesn't do that with my unit. It
> still attempts to tune.
> >
> > I emailed LDG about this, and they answered that the AT200Pro
> does not have a bypass feature.
> >
> > Does anyone know if this is a typo in the manual, is there really
> no bypass feature, or is there another command to access it?
> >
> > Thanks!

> > Dave
> > KB3MOW
> >
==

[Non-text portions of this message have been removed]

4242. RE: [LDG-auto-tuners] Re: LDG 600

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-06-16 16:35:28 UTC
From: Phil LaMarche
Topic: 4239 Message: 4242

I guess when I get it, I will have to sell it. Big Elecraft market out there. It arrives this month.

Phil

Philip LaMarche

LaMarche Enterprises, Inc
Phil@...
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K3 #1605

CCA 98-00827
CRA 1701
W9DVM

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Dwayne
Sent: Wednesday, June 16, 2010 12:29 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: LDG 600

Phil,

We have no plans to interface to Elecraft radios.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com <mailto:LDG-auto-tuners%40yahoogroups.com> , "Phil LaMarche" <plamarc1@...> wrote:
>
> I have the new 600 watt auto tuner on order. Via cable, it links up with
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>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

4243. Re: Bypass in the AT200 Pro?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-06-16 19:08:07 UTC
From: Dwayne
Topic: 4234 Message: 4243

Scott,

Rather than leave it in the box, perhaps you can sell it on e-bay. LDG tuners have the highest reselling value of all Autotuners. Don't forget to tell the next owner that the warranty is transferred to them automatically and they will receive the remainder of the two year coverage period.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, Howard Bingham <ke5apj@...> wrote:
>
> At 10:28 AM 6/16/2010, kb0naz wrote:
>
> >haven't owned the 200pro. But I did own the 100pro and several
> >Z11Pro's. None of them worked/work in bypass mode,they all continued
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> >be put in "semi-auto" mode for bypass to work,but not sure as I
> >haven't used my LDG auto tuners for quite some time;switched to a manual tuner
> > >
> >Scott KB0NAZ
> --
>
> That is what I found out too in my mobile installation, hence the
> tuner stays "in the box" unused since return from a factory check in
> which they could not simulate the problems I was having with
> exceptionally high SWR on an antenna & coax combination that tests
> 1.3:1 at best on 10M..!
>
> May need a tuner when I get General license & more antennas, but
> until then, it stays home in the box, as I get better results WITHOUT
> the AT-200Pro which was recommended by the store I bought the equipment from
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> Howard Bingham
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> > > To quote the manual, pressing the "Tune" button for 1/2 second
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> > > I emailed LDG about this, and they answered that the AT200Pro
> > does not have a bypass feature.
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> > > Does anyone know if this is a typo in the manual, is there really
> > no bypass feature, or is there another command to access it?
> > >
> > > Thanks!
> > > Dave
> > > KB3MOW
> > >
> ==
>
> [Non-text portions of this message have been removed]
>

4244. Re: LDG 600

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-06-16 19:13:39 UTC
From: Dwayne
Topic: 4239 Message: 4244

Hi Phil,

I would suggest that you contact the place that you ordered it from and cancel your order. Since nothing has been shipped to you, there should not be a restocking fee.

The Elecraft market is very small compared to the rest of the HF market. Yes, it is big for the kit market, but still very little in caparison to the entire HF radio market.

Most of the big manufacturers sell more of one radio model than all of the Elecraft radios ever sold (combining all models).

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "Phil LaMarche" <plamarc1@...> wrote:
>
> I guess when I get it, I will have to sell it. Big Elecraft market out
> there. It arrives this month.
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> Phil
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> CCA 98-00827
> CRA 1701
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>
>
>
> _____
>
> From: LDG-auto-tuners@yahoogroups.com
> [mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Dwayne
> Sent: Wednesday, June 16, 2010 12:29 PM

> To: LDG-auto-tuners@yahoogroups.com
> Subject: [LDG-auto-tuners] Re: LDG 600
>
>
>
>
> Phil,
>
> We have no plans to interface to Elecraft radios.
>
> Dwayne Kincaid
> LDG
>
> --- In LDG-auto-tuners@yahoogroups.com
> <mailto:LDG-auto-tuners%40yahoogroups.com> , "Phil LaMarche" <plamarc1@>
> wrote:
> >
> > I have the new 600 watt auto tuner on order. Via cable, it links up with
> > Yaesu and Icom. Can it be linked with my Elecraft K3? Or, any future plans
> > to do so?
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> >
> >
> >
> > [Non-text portions of this message have been removed]
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>
> [Non-text portions of this message have been removed]
>

4245. RE: [LDG-auto-tuners] Re: LDG 600

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-06-16 19:22:17 UTC
From: Paul Brown
Topic: 4239 Message: 4245

I can only guess why LDG has decided not to provide a cable and the engineering that goes into making it work with Elecraft, but since many of my friends have sold their Elecrafts after having them less than a year or so, this might be the reason. Also, my understanding is that Elecraft management is almost impossible to deal with, and may have made some royalty or other demands on LDG. I sold my K3 after 6 months due to failures of numerous parts and the fact that my Icom 7200 has a better DSP and receiver overall, at less than have the price. I don't think Elecraft is a bad company or builds out a bad product, it is just plain over rated.

I'll give you $300 for the tuner.

Paul

From: LDG-auto-tuners@yahoogroups.com
[mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Phil LaMarche
Sent: Wednesday, June 16, 2010 10:35 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: RE: [LDG-auto-tuners] Re: LDG 600

I guess when I get it, I will have to sell it. Big Elecraft market out there. It arrives this month.

Phil

Philip LaMarche

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K3 #1605

CCA 98-00827
CRA 1701
W9DVM

From: LDG-auto-tuners@yahoogroups.com
<mailto:LDG-auto-tuners%40yahoogroups.com>
[mailto:LDG-auto-tuners@yahoogroups.com

<mailto:LDG-auto-tuners%40yahoogroups.com>] On Behalf Of Dwayne
Sent: Wednesday, June 16, 2010 12:29 PM
To: LDG-auto-tuners@yahoogroups.com
<mailto:LDG-auto-tuners%40yahoogroups.com>
Subject: [LDG-auto-tuners] Re: LDG 600

Phil,

We have no plans to interface to Elecraft radios.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com
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<mailto:LDG-auto-tuners%40yahoogroups.com> , "Phil LaMarche" <plamarc1@...>
wrote:
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>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

4246. RE: [LDG-auto-tuners] Re: Bypass in the AT200 Pro?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-06-16 19:18:35 UTC
From: Phil LaMarche
Topic: 4234 Message: 4246

OR perhaps sell it on this reflector for 50 bucks less, shipped. 300.00

Still think you should consider contacting Elecraft. They have over 5000 + users for the K2 and K3.

Phil

Philip LaMarche

LaMarche Enterprises, Inc
Phil@...
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K3 #1605

CCA 98-00827
CRA 1701
W9DVM

_____

From: LDG-auto-tuners@yahoogroups.com
[mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Dwayne
Sent: Wednesday, June 16, 2010 3:08 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: Bypass in the AT200 Pro?

Scott,

Rather than leave it in the box, perhaps you can sell it on e-bay. LDG tuners have the highest reselling value of all Autotuners. Don't forget to tell the next owner that the warranty is transferred to them automatically and they will receive the remainder of the two year coverage period.

Dwayne Kincaid
LDG

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<mailto:LDG-auto-tuners%40yahoogroups.com> , Howard Bingham <ke5apj@...>
wrote:
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> At 10:28 AM 6/16/2010, kb0naz wrote:

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> >to tune if left in AUTO mode.If I remember right,the tuner needs to
> >be put in "semi-auto" mode for bypass to work,but not sure as I
> >haven't used my LDG auto tuners for quite some time;switched to a manual
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> >Scott KB0NAZ
> --
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> That is what I found out too in my mobile installation, hence the
> tuner stays "in the box" unused since return from a factory check in
> which they could not simulate the problems I was having with
> exceptionally high SWR on an antenna & coax combination that tests
> 1.3:1 at best on 10M..!
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> May need a tuner when I get General license & more antennas, but
> until then, it stays home in the box, as I get better results WITHOUT
> the AT-200Pro which was recommended by the store I bought the equipment
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> > > Does anyone know if this is a typo in the manual, is there really
> > no bypass feature, or is there another command to access it?
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> > > Thanks!
> > > Dave
> > > KB3MOW

> > >
> ==
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

4247. Re: [LDG-auto-tuners] Re: LDG 600

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-06-16 20:09:51 UTC
From: CT2FZI IM58KR
Topic: 4239 Message: 4247

Why sell it?

Why don't use it in AUTO?

I am sorry but your question is not valid.

One thing is good for sure... The most popular radios have an interface, perhaps because the radio manufacturers made that interface easy?!

Having that said:

LDG Tunners will handle the power as announced.

If you leave it in "AUTO", use your Elecraft in low power (5W to 20W) in your favourite frequencies/bands and TX in CW.

Even if it will take some time (the max that I saw was 15 seconds) to make a proper tune, your radio will be OK.

Next time you TX full power on that frequencies/bands (or the vicinities) the tuner will choose the right match from memories in less than 0,5 seconds.

Isn't this good for you? Why so peaky for a great product? Does other well known brands have that Elecraft interface with the same quality-support-efficiency/price ratio?

LDG tuners speak for themselves. No need for me to take a position regarding LDG, I am only talking in being practical.

I own 2 LDG tuners. They work under water if needed.

73!

On Wed, Jun 16, 2010 at 5:35 PM, Phil LaMarche <plamarc1@...> wrote:

>
>
> I guess when I get it, I will have to sell it. Big Elecraft market out
> there. It arrives this month.
>
> Phil
>
> Philip LaMarche
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> LaMarche Enterprises, Inc
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> From: LDG-auto-tuners@yahoogroups.com <LDG-auto-tuners%40yahoogroups.com>
> [mailto:LDG-auto-tuners@yahoogroups.com<LDG-auto-tuners%40yahoogroups.com>]
> On Behalf Of Dwayne
> Sent: Wednesday, June 16, 2010 12:29 PM
> To: LDG-auto-tuners@yahoogroups.com <LDG-auto-tuners%40yahoogroups.com>
> Subject: [LDG-auto-tuners] Re: LDG 600
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> Phil,
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> Dwayne Kincaid
> LDG
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>
>
>
> [Non-text portions of this message have been removed]
>
>

--
73 de Luis, CT2FZI

http://www.qsl.net/ct2fzi

[Non-text portions of this message have been removed]

4248. Re: Bypass in the AT200 Pro?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-06-16 20:10:26 UTC
From: Dwayne
Topic: 4234 Message: 4248

Hi Phil,

We've communicated with Elecraft in the past and it just didn't work out. That is all we will say about it, it was neither positive nor negative.

The kits they make are great and fill a need that no one else can even come close to today. I personally don't have any of their gear, but if I were going to built an HF radio kit, they would be my #1 choice.

In comparison, the FT-817 had sold over 175,000 units by around the first part of 2008. Not real sure what the total is at now, but you get the picture of the differences in the market numbers.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "Phil LaMarche" <plamarc1@...> wrote:
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> OR perhaps sell it on this reflector for 50 bucks less, shipped. 300.00
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> Still think you should consider contacting Elecraft. They have over 5000 +
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> Sent: Wednesday, June 16, 2010 3:08 PM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: [LDG-auto-tuners] Re: Bypass in the AT200 Pro?
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> Scott,
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> --- In LDG-auto-tuners@yahoogroups.com
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> >
> > >haven't owned the 200pro. But I did own the 100pro and several
> > >Z11Pro's. None of them worked/work in bypass mode,they all continued
> > >to tune if left in AUTO mode.If I remember right,the tuner needs to
> > >be put in "semi-auto" mode for bypass to work,but not sure as I
> > >haven't used my LDG auto tuners for quite some time;switched to a manual
> tuner
> > >
> > >Scott KB0NAZ
> > --
> >
> > That is what I found out too in my mobile installation, hence the
> > tuner stays "in the box" unused since return from a factory check in
> > which they could not simulate the problems I was having with
> > exceptionally high SWR on an antenna & coax combination that tests
> > 1.3:1 at best on 10M..!
> >
> > May need a tuner when I get General license & more antennas, but
> > until then, it stays home in the box, as I get better results WITHOUT
> > the AT-200Pro which was recommended by the store I bought the equipment
> from
> >
> > Howard Bingham
> > KE5APJ
> >

> > --
> >
> > >--- In LDG-auto-tuners@yahoogroups.com
> <mailto:LDG-auto-tuners%40yahoogroups.com> , "n0hnj" <dcorio@> wrote:
> > > >
> > > > Hello to the group! Just joined, and my call is KB3MOW - the
> > > Yahoo ID is left over from my old call!
> > > >
> > > > I have the AT200Pro Autotuner and have been very happy with it
> > > except for one problem. It doesn't seem to bypass as the manual states.
> > > >
> > > > To quote the manual, pressing the "Tune" button for 1/2 second
> > > places the unit in bypasss, and RF goes directly to the antenna
> > > with no matching. Except that it doesn't do that with my unit. It
> > > still attempts to tune.
> > > >
> > > > I emailed LDG about this, and they answered that the AT200Pro
> > > does not have a bypass feature.
> > > >
> > > > Does anyone know if this is a typo in the manual, is there really
> > > no bypass feature, or is there another command to access it?
> > > >
> > > > Thanks!
> > > > Dave
> > > > KB3MOW
> > > >
> > > ==
> > >
> > > [Non-text portions of this message have been removed]
> > >
> >
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >

4252. RE: [LDG-auto-tuners] Re: LDG 600

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-06-16 22:04:52 UTC
From: Paul Brown
Topic: 4239 Message: 4252

Phil, Go ahead and sell it. My neighbor has a AT1000 I have been trying to buy, and he finally said he would sell it for around the same price. Sorry about that. Paul

From: LDG-auto-tuners@yahoogroups.com
[mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Phil LaMarche
Sent: Wednesday, June 16, 2010 3:16 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: RE: [LDG-auto-tuners] Re: LDG 600

Paul, please confirm that you want the tuner. I have others asking and I said it was sold.

Phil

Philip LaMarche

LaMarche Enterprises, Inc
Phil@... <mailto:Phil%40LaMarcheEnterprises.com>
www.LaMarcheEnterprises.com <http://www.lamarcheenterprises.com/>

727-944-3226
727-937-8834 Fax
727-510-5038 Cell

www.w9dvm.com <http://www.w9dvm.com/>

K3 #1605

CCA 98-00827
CRA 1701
W9DVM

From: LDG-auto-tuners@yahoogroups.com
<mailto:LDG-auto-tuners%40yahoogroups.com>
[mailto:LDG-auto-tuners@yahoogroups.com
<mailto:LDG-auto-tuners%40yahoogroups.com>] On Behalf Of Paul Brown
Sent: Wednesday, June 16, 2010 3:22 PM
To: LDG-auto-tuners@yahoogroups.com
<mailto:LDG-auto-tuners%40yahoogroups.com>
Subject: RE: [LDG-auto-tuners] Re: LDG 600

I can only guess why LDG has decided not to provide a cable and the engineering that goes into making it work with Elecraft, but since many of my friends have sold their Elecrafts after having them less than a year or so, this might be the reason. Also, my understanding is that Elecraft

management is almost impossible to deal with, and may have made some royalty or other demands on LDG. I sold my K3 after 6 months due to failures of numerous parts and the fact that my Icom 7200 has a better DSP and receiver overall, at less than have the price. I don't think Elecraft is a bad company or builds out a bad product, it is just plain over rated.

I'll give you $300 for the tuner.

Paul

From: LDG-auto-tuners@yahoogroups.com
<mailto:LDG-auto-tuners%40yahoogroups.com>
<mailto:LDG-auto-tuners%40yahoogroups.com>
[mailto:LDG-auto-tuners@yahoogroups.com
<mailto:LDG-auto-tuners%40yahoogroups.com>
<mailto:LDG-auto-tuners%40yahoogroups.com>] On Behalf Of Phil LaMarche
Sent: Wednesday, June 16, 2010 10:35 AM
To: LDG-auto-tuners@yahoogroups.com
<mailto:LDG-auto-tuners%40yahoogroups.com>
<mailto:LDG-auto-tuners%40yahoogroups.com>
Subject: RE: [LDG-auto-tuners] Re: LDG 600

I guess when I get it, I will have to sell it. Big Elecraft market out there. It arrives this month.

Phil

Philip LaMarche

LaMarche Enterprises, Inc
Phil@... <mailto:Phil%40LaMarcheEnterprises.com>
<mailto:Phil%40LaMarcheEnterprises.com>
<mailto:Phil%40LaMarcheEnterprises.com>
www.LaMarcheEnterprises.com <http://www.lamarcheenterprises.com/>

727-944-3226
727-937-8834 Fax
727-510-5038 Cell

www.w9dvm.com <http://www.w9dvm.com/>

K3 #1605

CCA 98-00827
CRA 1701
W9DVM

_____

From: LDG-auto-tuners@yahoogroups.com
<mailto:LDG-auto-tuners%40yahoogroups.com>
<mailto:LDG-auto-tuners%40yahoogroups.com>
<mailto:LDG-auto-tuners%40yahoogroups.com>

[mailto:LDG-auto-tuners@yahoogroups.com
<mailto:LDG-auto-tuners%40yahoogroups.com>
<mailto:LDG-auto-tuners%40yahoogroups.com>
<mailto:LDG-auto-tuners%40yahoogroups.com>] On Behalf Of Dwayne
Sent: Wednesday, June 16, 2010 12:29 PM
To: LDG-auto-tuners@yahoogroups.com
<mailto:LDG-auto-tuners%40yahoogroups.com>
<mailto:LDG-auto-tuners%40yahoogroups.com>
<mailto:LDG-auto-tuners%40yahoogroups.com>
Subject: [LDG-auto-tuners] Re: LDG 600

Phil,

We have no plans to interface to Elecraft radios.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com
<mailto:LDG-auto-tuners%40yahoogroups.com>
<mailto:LDG-auto-tuners%40yahoogroups.com>
<mailto:LDG-auto-tuners%40yahoogroups.com>
<mailto:LDG-auto-tuners%40yahoogroups.com> , "Phil LaMarche" <plamarc1@...>
wrote:
>
> I have the new 600 watt auto tuner on order. Via cable, it links up with
> Yaesu and Icom. Can it be linked with my Elecraft K3? Or, any future plans
> to do so?
>
> Phil
>
> Philip LaMarche
>
> LaMarche Enterprises, Inc
> Phil@...
> www.LaMarcheEnterprises.com <http://www.lamarcheenterprises.com/>
>
> 727-944-3226
> 727-937-8834 Fax
> 727-510-5038 Cell
>
> www.w9dvm.com <http://www.w9dvm.com/>
>
> K3 #1605
>
> CCA 98-00827
> CRA 1701
> W9DVM
>
>
>

>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

4253. LDG Tuners

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-06-17 12:25:21 UTC
From: rliz10142
Topic: 4253 Message: 4253

I would be glad to share my experences with the LDG Tuners I have.
LDG Z-817, Z-11Pro, AT-1000, Z-100, RT-11, AT-11MP.
I have used these tuners in all types of situations, Backpacking, Mobile, Camping, and at home.
My call is N8ZEE and I am in QRZed.
Feel free to e-mail me with any questions and I will be glad to share my experences with you.
Long wires, whips, di-poles, verticles, I have played with them all.

Bill

4254. YT-100 and the FT-847?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-06-17 16:55:12 UTC
From: ANDY - N1ORK
Topic: 4254 Message: 4254

Just got the YT-100 and it works great with my FT-857D. Since this has a through port for CAT and TUNE, I was wondering if it could work with the FT-847? Right now, I use the FC20 ATU with my FT-847 and with that in use, I can't do CAT control for logging, etc. The CAT/Tune ports use the same mini-DIN connectors, so was wondering if anyone at LDG may have some insight on this before I try to do this. I guess the only issue would be the radio control codes and the pin-outs. I think these are the same for both radios. I use the same logger control settings for both radios and my N3FJP ACLog program.
Any help/ideas are appreciated.
73
Andy - n1ork

4255. Re: YT-100 and the FT-847?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-06-17 20:25:45 UTC
From: Dwayne
Topic: 4254 Message: 4255

Hi Andy,

Sorry, Yaesu makes it somewhat difficult to interface with tuners. The 857 and 897 are the same, but the 847 is different. The FT-100 is close to the 857/897 so it works similarly. Even the newer 450/950 is different again than any of the above.

You pretty much need to have a different tuner for every other Yaesu radio. Then add in the connectors are different for some models and it becomes worse.

Since the FT-847 is discontinued, we have not looked at making a tuner just for it. However, there are a lot of 847s out there, so it may be something that we look at in the future.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "ANDY - N1ORK" <n1ork@...> wrote:
>
> Just got the YT-100 and it works great with my FT-857D. Since this has a through port for CAT and TUNE, I was wondering if it could work with the FT-847? Right now, I use the FC20 ATU with my FT-847 and with that in use, I can't do CAT control for logging, etc. The CAT/Tune ports use the same mini-DIN connectors, so was wondering if anyone at LDG may have some insight on this before I try to do this. I guess the only issue would be the radio control codes and the pin-outs. I think these are the same for both radios. I use the same logger control settings for both radios and my N3FJP ACLog program.
> Any help/ideas are appreciated.
> 73
> Andy - n1ork
>

4256. Re: YT-100 and the FT-847?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-06-18 11:09:48 UTC
From: ANDY - N1ORK
Topic: 4254 Message: 4256

Thanks for the reply Dwayne. It would be great if LDG could come up with a new or modified tuner for the 847. The FC20 works ok, but you can't do CAT and Tune at the same time. So a concept like the YT-100 would be great. I sure would get one, because now I have to go to the band, tune, disconnect the FC20, connect CAT, etc...
73
Andy - n1ork

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
> Hi Andy,
>
> Sorry, Yaesu makes it somewhat difficult to interface with tuners. The 857 and 897 are the same, but the 847 is different. The FT-100 is close to the 857/897 so it works similarly. Even the newer 450/950 is different again than any of the above.
>
> You pretty much need to have a different tuner for every other Yaesu radio. Then add in the connectors are different for some models and it becomes worse.
>
> Since the FT-847 is discontinued, we have not looked at making a tuner just for it. However, there are a lot of 847s out there, so it may be something that we look at in the future.
>
> Dwayne Kincaid
> LDG
>
>
>
> --- In LDG-auto-tuners@yahoogroups.com, "ANDY - N1ORK" <n1ork@> wrote:
> >
> > Just got the YT-100 and it works great with my FT-857D. Since this has a through port for CAT and TUNE, I was wondering if it could work with the FT-847? Right now, I use the FC20 ATU with my FT-847 and with that in use, I can't do CAT control for logging, etc. The CAT/Tune ports use the same mini-DIN connectors, so was wondering if anyone at LDG may have some insight on this before I try to do this. I guess the only issue would be the radio control codes and the pin-outs. I think these are the same for both radios. I use the same logger control settings for both radios and my N3FJP ACLog program.
> > Any help/ideas are appreciated.
> > 73
> > Andy - n1ork
> >
>

4257. Re: LDG Tuners

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-06-18 11:31:11 UTC
From: w_r_adams1
Topic: 4253 Message: 4257

Bill,

Please describe and rate the various wire geometeries you have deployed. How effective, how much effort, etc.

73
Bill af4b

4258. Z-100 Plus: Battery / 12v supply

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-06-18 15:10:38 UTC
From: dh95c
Topic: 4258 Message: 4258

I am thinking of the Z100+ tuner for my portable / mobile FT-857D and size wise it will fit on top. For versatility, considering installing the battery tray, will this allow me to use either source for portable / mobile operating or will the installation of the battery tray limit to battery supply option only. Is the battery tray included or sourced from where?) together with the Yaesu cable in the box? Thanks for the help.

4259. AT-200Pro Upgrade

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-06-20 06:25:26 UTC
From: nh7ys
Topic: 4259 Message: 4259

Anyone know if the AT-200Pro will be having an upgrade soon like the new AT-100ProII?

Tad, NH7YS

4260. Re: AT-200Pro Upgrade

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-06-20 19:20:22 UTC
From: Dwayne
Topic: 4259 Message: 4260

Tad,

We have nothing currently planned like that.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "nh7ys" <digital1909@...> wrote:
>
> Anyone know if the AT-200Pro will be having an upgrade soon like the new AT-100ProII?
>
> Tad, NH7YS
>

4261. AT-100Proll

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-06-21 03:42:54 UTC
From: ve3xnb@sympatico.ca
Topic: 4261 Message: 4261

Can the AT-100Pro be upgraded to the new Proll? If so is the mod difficult?

73 de Bob VE3XNB ve3xnb@...
FP-1852, NAQCC-2607, ARRL, RAC, CCO, NEQRP, KWARC, GARC

[Non-text portions of this message have been removed]

4262. Re: AT-200Pro Upgrade

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-06-21 03:37:58 UTC
From: nh7ys
Topic: 4259 Message: 4262

Thanks for the message, Dwayne!

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
> Tad,
>
> We have nothing currently planned like that.
>
> Dwayne Kincaid
> LDG
>
> --- In LDG-auto-tuners@yahoogroups.com, "nh7ys" <digital1909@> wrote:
> >
> > Anyone know if the AT-200Pro will be having an upgrade soon like the new AT-100ProII?
> >
> > Tad, NH7YS
> >
>

4263. Re: AT-100Proll

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-06-21 13:38:23 UTC
From: ldgelectronics
Topic: 4261 Message: 4263

Bob,

The AT-100Pro cannot be upgraded to the AT-100ProII.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, <ve3xnb@...> wrote:
>
>
>
> Can the AT-100Pro be upgraded to the new Proll? If so is the mod difficult?
>
>
> 73 de Bob VE3XNB ve3xnb@...
> FP-1852, NAQCC-2607, ARRL, RAC, CCO, NEQRP, KWARC, GARC
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

4264. AT-600Pro Update

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-06-22 00:37:28 UTC
From: Dwayne
Topic: 4204 Message: 4264

Just a final follow up. We shipped all the current AT-600Pro orders this week. US dealers should have them on their shelves later this week.

The new cables (longer Icom cable and new Alinco cable) are still on schedule for the first week of July.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
> Just a follow up to this. The AT-600Pro is still on track for late this month.
>
> The new cables are looking like early July.
>
> Dwayne Kincaid
> LDG
>
> --- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@> wrote:
> >
> > For those of you waiting, the LDG web site has been updated with the description, specs and photos of the AT-600Pro. We are still on track for a June delivery.
> >
> > Also the new longer interface cable for Icom radios and the new Alinco interface cable should be available at www.cheapham.com in June.
> >
> > Dwayne Kincaid
> > LDG
> >
>

4265. Re: AT-200Pro Upgrade

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-06-22 19:49:38 UTC
From: kav246
Topic: 4259 Message: 4265

Dwayne

What about an alternative case for the AT897?

I'm thinking cylindrical metal housing,(just big enough to take the PCB) with a 2" mounting collar and enclosed SO-239 on the base to sit atop a mast.

On the top a 3/8th UNF antenna mount. Around the lower edge, spaced at 120 degs and angled down at 45 degs, three 3/8th UNF grounded sockets.

Add four 102" whips and you have an all band tuneable groundplane for not a lot of effort.

Keep it under two hundred quid by the time it gets to the UK and you'll sell loads of them.

Failing that, what about a "PCB897" (ie no case) at a good price so people can make their own?

Just thinking out loud.

Kav

4266. Blue Sky

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-06-22 20:23:04 UTC
From: n0hnj
Topic: 4266 Message: 4266

If I could request one improvement to the AT200Pro, it would be the addition of an LED that indicated which antenna is currently selected. I love being able to use either of two antennas, but admit it drives me a little crazy when I have the "wrong" one selected for the band I'm using! Other than that I'm very happy with this unit!

73
Dave
KB3MOW

4267. Re: [LDG-auto-tuners] Blue Sky

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-06-23 00:34:12 UTC
From: N7GDP-Walt
Topic: 4266 Message: 4267

Totally agree with Dave, I love my AT-200 Pro, but the one improvement would be an Antenna indicator LED

73's
Walt N7GDP

From: n0hnj
Sent: Tuesday, June 22, 2010 13:23
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Blue Sky

If I could request one improvement to the AT200Pro, it would be the addition of an LED that indicated which antenna is currently selected. I love being able to use either of two antennas, but admit it drives me a little crazy when I have the "wrong" one selected for the band I'm using! Other than that I'm very happy with this unit!

73
Dave
KB3MOW

[Non-text portions of this message have been removed]

4268. Re: [LDG-auto-tuners] Blue Sky

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-06-23 06:51:30 UTC
From: racer
Topic: 4266 Message: 4268

Add me to that list also. I love the AT-200 Pro but as soon as I got my 1000 pro, It reminds me of what I don't like on the 200. Other than that, It's a great match to my TS-490HX.

From: N7GDP-Walt
Sent: Tuesday, June 22, 2010 07:34 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] Blue Sky

Totally agree with Dave, I love my AT-200 Pro, but the one improvement would be an Antenna indicator LED

73's
Walt N7GDP

From: n0hnj
Sent: Tuesday, June 22, 2010 13:23
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Blue Sky

If I could request one improvement to the AT200Pro, it would be the addition of an LED that indicated which antenna is currently selected. I love being able to use either of two antennas, but admit it drives me a little crazy when I have the "wrong" one selected for the band I'm using! Other than that I'm very happy with this unit!

73
Dave
KB3MOW

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

4269. Re: Blue Sky

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-06-23 17:44:57 UTC
From: Dwayne
Topic: 4266 Message: 4269

Thanks for all the feedback. We'll put it on the list of things to look at. It would have to be a complete redesign since there are no I/O pins left in the current system, so it won't be anytime soon.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "racer" <racer5039@...> wrote:
>
> Add me to that list also. I love the AT-200 Pro but as soon as I got my 1000 pro, It reminds me of what I don't like on the 200. Other than that, It's a great match to my TS-490HX.
>
>
> From: N7GDP-Walt
> Sent: Tuesday, June 22, 2010 07:34 PM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: Re: [LDG-auto-tuners] Blue Sky
>
>
>
> Totally agree with Dave, I love my AT-200 Pro, but the one improvement would be an Antenna indicator LED
>
> 73's
> Walt N7GDP
>
> From: n0hnj
> Sent: Tuesday, June 22, 2010 13:23
> To: LDG-auto-tuners@yahoogroups.com
> Subject: [LDG-auto-tuners] Blue Sky
>
> If I could request one improvement to the AT200Pro, it would be the addition of an LED that indicated which antenna is currently selected. I love being able to use either of two antennas, but admit it drives me a little crazy when I have the "wrong" one selected for the band I'm using! Other than that I'm very happy with this unit!
>
> 73
> Dave
> KB3MOW
>
> [Non-text portions of this message have been removed]
>
>
>

>
>
> [Non-text portions of this message have been removed]
>

4270. Re: AT-200Pro Upgrade

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-06-23 17:52:12 UTC
From: Dwayne
Topic: 4259 Message: 4270

Hello Kay,

We've been looking at several alternative housing options for several tuners. The circular one sounds interesting.

I don't think you can get below about 10 MHz with a 102" whip with any of our current designs. You'd have to change over to a design like the AH-4 or SGC unit to get all band coverage. Of course, those units cost a lot more and are somewhat larger.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "kav246" <smartlock.pro@...> wrote:
>
>
> Dwayne
>
> What about an alternative case for the AT897?
>
> I'm thinking cylindrical metal housing,(just big enough to take the PCB) with a 2" mounting collar and enclosed SO-239 on the base to sit atop a mast.
>
> On the top a 3/8th UNF antenna mount. Around the lower edge, spaced at 120 degs and angled down at 45 degs, three 3/8th UNF grounded sockets.
>
> Add four 102" whips and you have an all band tuneable groundplane for not a lot of effort.
>
> Keep it under two hundred quid by the time it gets to the UK and you'll sell loads of them.
>
> Failing that, what about a "PCB897" (ie no case) at a good price so people can make their own?
>
>
>
> Just thinking out loud.
>
>
> Kav
>

4271. Z-100 plus upgrade

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-06-24 17:39:52 UTC
From: WY7RM
Topic: 4271 Message: 4271

Hi, Is there an upgrade available for the Z-100 plus v1.0?

Thanks,
Roland--WY7RM

4272. Re: AT-200Pro Upgrade

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-06-24 18:24:59 UTC
From: kav246
Topic: 4259 Message: 4272

Dwayne

I've got a couple of SGC's but the box I use mobile at the minute is your RT11 (darn shame you binned that one!!!!!)

It's so long since I used a 102"er with it that I can't remember how low it went.

The thing is they'll still be ideal for the radials and you can put anything mechanically viable on the top. Maybe a whip atop a Hustler mast section or 12ft of lightweight military whip?

The tuning range and elements are almost imaterial coz thats where we would experiment, its the housing that is problematic to find without a tame engineering shop (got one) and plenty money (got NONE)!

Regards

Kav

4273. Re: AT-200Pro Upgrade

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-06-24 18:57:59 UTC
From: Dwayne
Topic: 4259 Message: 4273

Hi Kav,

Yes, that would probably work well with something like a Hamstick or Resonator.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "kav246" <smartlock.pro@...> wrote:
>
>
>
> Dwayne
>
> I've got a couple of SGC's but the box I use mobile at the minute is your RT11 (darn shame you binned that one!!!!!)
>
> It's so long since I used a 102"er with it that I can't remember how low it went.
>
> The thing is they'll still be ideal for the radials and you can put anything mechanically viable on the top. Maybe a whip atop a Hustler mast section or 12ft of lightweight military whip?
>
> The tuning range and elements are almost imaterial coz thats where we would experiment, its the housing that is problematic to find without a tame engineering shop (got one) and plenty money (got NONE)!
>
> Regards
>
> Kav
>

4274. Re: Z-100 plus upgrade

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-06-24 19:04:05 UTC
From: Dwayne
Topic: 4271 Message: 4274

Roland,

Thanks for the reminder. I had not updated the Software Version list in a while. Nothing has changed except some of the models are now in the discontinued section.

You can click on the link on the LDG Yahoo group main page or go through the LDG web site stating at Support/Manuals on the left side.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "WY7RM" <roland_miller2000@...> wrote:
>
> Hi, Is there an upgrade available for the Z-100 plus v1.0?
>
> Thanks,
> Roland--WY7RM
>

4275. Z-100 Plus

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-06-25 00:41:19 UTC
From: dh95c
Topic: 4275 Message: 4275

Would someone be able to offer me some advice please? If I was to solder in a battery tray into a Z-100 plus for portable work, would this limit the ATU to permanently working off battery power only once 'in' or would I still have the option of using the psu power without batteries installed, would the psu power override the batteries if connected via psu? Could anyone here in the UK advise where in the UK I can source a 6 in a row AA tray holder. No shortage of 3x2 doubles but can't find a 6 x 1 flat. I've tried the usual UK elecs sources. Thanks.

4276. Re: Z-100 Plus

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-06-25 14:45:55 UTC
From: w3elw
Topic: 4275 Message: 4276

I have a Z-100 ULTRA from W4RT.com that has two 4xAA battery packs in it. I just looked at their web page and they have a kit to add them $6.95. I dont use it that much but I just changed the batteries yesterday after about4 years.

--- In LDG-auto-tuners@yahoogroups.com, "dh95c" <dh95c@...> wrote:
>
> Would someone be able to offer me some advice please? If I was to solder in a battery tray into a Z-100 plus for portable work, would this limit the ATU to permanently working off battery power only once 'in' or would I still have the option of using the psu power without batteries installed, would the psu power override the batteries if connected via psu? Could anyone here in the UK advise where in the UK I can source a 6 in a row AA tray holder. No shortage of 3x2 doubles but can't find a 6 x 1 flat. I've tried the usual UK elecs sources. Thanks.
>

4277. Re: [LDG-auto-tuners] Re: Blue Sky

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-06-26 02:05:45 UTC
From: Glenn AE0Q
Topic: 4266 Message: 4277

How about driving an LED "driver" transistor from the relay coil voltage,
kill 2 birds with one stone?

Glenn AE0Q

On Wed, Jun 23, 2010 at 11:44 AM, Dwayne <ldgyahoo@...> wrote
>
>
> Thanks for all the feedback. We'll put it on the list of things to look
> at. It would have to be a complete redesign since there are no I/O pins left
> in the current system, so it won't be anytime soon.
>
> Dwayne Kincaid
> LDG
>
> --- In LDG-auto-tuners@yahoogroups.com <LDG-auto-tuners%40yahoogroups.com>,
> "racer" <racer5039@...> wrote:
> >
> > Add me to that list also. I love the AT-200 Pro but as soon as I got my
> 1000 pro, It reminds me of what I don't like on the 200. Other than that,
> It's a great match to my TS-490HX.
> >
> > From: N7GDP-Walt
> >
> > Totally agree with Dave, I love my AT-200 Pro, but the one improvement
> would be an Antenna indicator LED
> >
>
--
"Remember, any tool can be the right tool!" Red Green

AE0Q ex: GM5BKC, ZB2WZ, V31RY, SV0WY, WA0VPK
ae0q@... --SOWP 5558-M, ARRL LM, QCWA LM, OOTC, NCVA--
http://www.radiotipsandtales.com

[Non-text portions of this message have been removed]

4278. Re: [LDG-auto-tuners] Re: Z-100 Plus

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-06-26 09:10:51 UTC
From: SATYAN VU3MES
Topic: 4275 Message: 4278

i too use a z100pro ultra from w4rt.com with battery fitted. but use the battery pack when i am mobile only, otherwise the power supply is from the dc source. my 857d and the tuner works beautifully.

73s de VU3MES
chennai - india - qth location website.
http://www.findu.com/cgi-bin/find.cgi?call=vu3mes
http://www.qrz.com/callsign/vu3mes
http://www.satyansarath.param.mobi [mobile web page]

----- Original message -----
From: "w3elw☐" <bruces3@...>
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: Z-100 Plus
Date: Fri, 25 Jun 2010 14:45:55 -0000

?

I have a Z-100 ULTRA from W4RT.com that has two 4xAA battery packs in it. I just looked at their web page and they have a kit to add them $6.95. I dont use it that much but I just changed the batteries yesterday after about4 years.

--- In LDG-auto-tuners@yahoogroups.com, "dh95c" <dh95c@...> wrote:
>
> Would someone be able to offer me some advice please? If I was to solder in a battery tray into a Z-100 plus for portable work, would this limit the ATU to permanently working off battery power only once 'in' or would I still have the option of using the psu power without batteries installed, would the psu power override the batteries if connected via psu? Could anyone here in the UK advise where in the UK I can source a 6 in a row AA tray holder. No shortage of 3x2 doubles but can't find a 6 x 1 flat. I've tried the usual UK elecs sources. Thanks.
>

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http://mail.ovi.com

[Non-text portions of this message have been removed]

4279. Re: Z-100 Plus

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-06-26 10:41:01 UTC
From: dh95c
Topic: 4275 Message: 4279

Thank you for the answers, it answered by question - I will go ahead and fit the battery tray. Also pleasing to note that it works well with the FT-857D as this is the combo that I now have. 73

4280. Re: [LDG-auto-tuners] Re: Z-100 Plus

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-06-26 21:28:06 UTC
From: CT2FZI IM58KR
Topic: 4275 Message: 4280

Just a small idea... Instead of using the battery case on the inside, the same battery case could be connected via the rear plug and that way you will not have to mess with soldering on the inside and still be able to choose what power source to use.

The greatest "update" was if the LDG tuners were able to charge the batteries on the inside if needed via 13.8V power source like our PSU and when charged bypass the power to the batteries and just feed the tuner itself, meaning that you could use/charge rechargeable batteries AND the use the bench psu from the same rear power plug.

On Sat, Jun 26, 2010 at 10:10 AM, SATYAN VU3MES <satyansarath40@...>wrote:

>
>
> i too use a z100pro ultra from w4rt.com with battery fitted. but use the
> battery pack when i am mobile only, otherwise the power supply is from
> the dc source. my 857d and the tuner works beautifully.
>
> 73s de VU3MES
> chennai - india - qth location website.
> http://www.findu.com/cgi-bin/find.cgi?call=vu3mes
> http://www.qrz.com/callsign/vu3mes
> http://www.satyansarath.param.mobi [mobile web page]
>
>
> ----- Original message -----
> From: "w3elw□" <bruces3@... <bruces3%40buffalo.com>>
> To: LDG-auto-tuners@yahoogroups.com <LDG-auto-tuners%40yahoogroups.com>
> Subject: [LDG-auto-tuners] Re: Z-100 Plus
> Date: Fri, 25 Jun 2010 14:45:55 -0000
>
>
>
> I have a Z-100 ULTRA from W4RT.com that has two 4xAA battery packs in
> it. I just looked at their web page and they have a kit to add them
> $6.95. I dont use it that much but I just changed the batteries
> yesterday after about4 years.
>
> --- In LDG-auto-tuners@yahoogroups.com <LDG-auto-tuners%40yahoogroups.com>,
> "dh95c" <dh95c@...> wrote:
> >
> > Would someone be able to offer me some advice please? If I was to
> solder in a battery tray into a Z-100 plus for portable work, would
> this limit the ATU to permanently working off battery power only once

> 'in' or would I still have the option of using the psu power without
> batteries installed, would the psu power override the batteries if
> connected via psu? Could anyone here in the UK advise where in the UK
> I can source a 6 in a row AA tray holder. No shortage of 3x2 doubles
> but can't find a 6 x 1 flat. I've tried the usual UK elecs sources.
> Thanks.
> >
>
> ---
> Ovi Mail: Making email access easy
> http://mail.ovi.com
>
>
> [Non-text portions of this message have been removed]
>
>
>

--
73 de Luis, CT2FZI

http://www.qsl.net/ct2fzi

[Non-text portions of this message have been removed]

4281. For Sale: AT600Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-06-28 14:16:34 UTC
From: Phil LaMarche
Topic: 4281 Message: 4281

I have a brand new AT600PRO factory sealed, brand new. Sells for 359.95 plus shipping.

310.00 shipped and insured.

Phil

Philip LaMarche

LaMarche Enterprises, Inc
Phil@...
www.LaMarcheEnterprises.com <http://www.lamarcheenterprises.com/>

727-944-3226
727-937-8834 Fax
727-510-5038 Cell

www.w9dvm.com <http://www.w9dvm.com/>

K3 #1605

CCA 98-00827
CRA 1701
W9DVM

[Non-text portions of this message have been removed]

4282. Re: [LDG-auto-tuners] For Sale: AT600Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-06-29 06:35:19 UTC
From: SATYAN VU3MES
Topic: 4282 Message: 4282

Hi

i am interested, any chance to send this to Chennai, India. my address is
ok in qrz.com

73s de VU3MES
chennai - india - qth location website.
http://www.findu.com/cgi-bin/find.cgi?call=vu3mes
http://www.qrz.com/callsign/vu3mes
http://www.satyansarath.param.mobi [mobile web page]

----- Original message -----
From: "Phil LaMarche□" <plamarc1@verizon.net>
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] For Sale: AT600Pro
Date: Mon, 28 Jun 2010 10:16:34 -0400

?

I have a brand new AT600PRO factory sealed, brand new. Sells for
359.95
plus shipping.

310.00 shipped and insured.

Phil

Philip LaMarche

LaMarche Enterprises, Inc
Phil@...
www.LaMarcheEnterprises.com <http://www.lamarcheenterprises.com/>

727-944-3226
727-937-8834 Fax
727-510-5038 Cell

www.w9dvm.com <http://www.w9dvm.com/>

K3 #1605

CCA 98-00827
CRA 1701
W9DVM

[Non-text portions of this message have been removed]

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http://mail.ovi.com

[Non-text portions of this message have been removed]

4283. RE: [LDG-auto-tuners] For Sale: AT600Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-06-29 13:02:47 UTC
From: Phil LaMarche
Topic: 4282 Message: 4283

Sorry but it's sold.;

Philip LaMarche

LaMarche Enterprises, Inc
Phil@LaMarcheEnterprises.com
www.LaMarcheEnterprises.com <http://www.lamarcheenterprises.com/>

727-944-3226
727-937-8834 Fax
727-510-5038 Cell

www.w9dvm.com <http://www.w9dvm.com/>

K3 #1605

CCA 98-00827
CRA 1701
W9DVM

_____

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of SATYAN VU3MES
Sent: Tuesday, June 29, 2010 2:35 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] For Sale: AT600Pro

Hi

i am interested, any chance to send this to Chennai, India. my address is
ok in qrz.com

73s de VU3MES
chennai - india - qth location website.
http://www.findu.com/cgi-bin/find.cgi?call=vu3mes
http://www.qrz.com/callsign/vu3mes
http://www.satyansarath.param.mobi [mobile web page]

----- Original message -----
From: "Phil LaMarche□" <plamarc1@... <mailto:plamarc1%40verizon.net> >
To: LDG-auto-tuners@yahoogroups.com <mailto:LDG-auto-tuners%40yahoogroups.com>
Subject: [LDG-auto-tuners] For Sale: AT600Pro
Date: Mon, 28 Jun 2010 10:16:34 -0400

?

I have a brand new AT600PRO factory sealed, brand new. Sells for
359.95
plus shipping.

310.00 shipped and insured.

Phil

Philip LaMarche

LaMarche Enterprises, Inc
Phil@... <mailto:Phil%40LaMarcheEnterprises.com>
www.LaMarcheEnterprises.com <http://www.lamarcheenterprises.com/>

727-944-3226
727-937-8834 Fax
727-510-5038 Cell

www.w9dvm.com <http://www.w9dvm.com/>

K3 #1605

CCA 98-00827
CRA 1701
W9DVM

[Non-text portions of this message have been removed]

Ovi Mail: Available in 20 languages
http://mail.ovi.com

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

4284. YT-100/FT-100/Fldigi

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-06-29 20:01:15 UTC
From: hl31943
Topic: 4284 Message: 4284

I recently purchased a YT-100 and am pleased with its ability to match almost anything posing as an antenna. It got a real workout at Field Day.

I did notice a problem when running Fldigi. When I would change bands and force the YT-100 to enter a complete tune cycle, there would be a long delay before anything happened. Often, I would have to close out Fldigi to get it to tune. I understand that the YT-100 and FT-100 share the CAT line and the tuner waits until the rig is through talking with the computer, but this delay would go a couple of minutes sometimes. When using the rig for voice, I haven't noticed any delay.

Anything I might have overlooked? I'm running Vista with a Prolific serial-to-USB cable and Fldigi works great with the rig.

73,
Howard
WB4GUD

4285. LDG tuners with the FT-2000

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-07-01 14:17:55 UTC
From: wb8nbi
Topic: 4285 Message: 4285

For those of you that use a LDG tuner with a LDG tuner I found a way to make the tune button on the LDG tuner to key the FT-2000. I made a cable using a 1/8 in phone plug and a RCA plug on the other end. wire the tip and ground on the 1/8 in plug to a RCA plug use the TX REQ jack on the radio and the plug the 1/8 in plug into the tuner, set menu 147 tune power to 10 or 20 watts then you can use the tune button on the tune to key your FT-2000 works just like the FT-8x7 radios. Keys the radio in CW and puts out 10 or 20 watts until a match is found then unkeys the radio. Works great.

4286. Re: LDG tuners with the FT-2000

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-07-01 17:28:05 UTC
From: cam55orange
Topic: 4285 Message: 4286

You have the radio set on "external tuner"? I believe that is menu item 110.

Set on external, I would expect the power to reduce automatically.

Have you tried the procedure on a really nonresonant antenna? 30M on a G5RV comes to mind.

Thanks,

AB6OR - Bill

--- In LDG-auto-tuners@...m, "wb8nbi" <wb8nbi@...> wrote:
>
> For those of you that use a LDG tuner with a LDG tuner I found a way to make the tune button on the LDG tuner to key the FT-2000. I made a cable using a 1/8 in phone plug and a RCA plug on the other end. wire the tip and ground on the 1/8 in plug to a RCA plug use the TX REQ jack on the radio and the plug the 1/8 in plug into the tuner, set menu 147 tune power to 10 or 20 watts then you can use the tune button on the tune to key your FT-2000 works just like the FT-8x7 radios. Keys the radio in CW and puts out 10 or 20 watts until a match is found then unkeys the radio. Works great.
>

4287. Re: [LDG-auto-tuners] Re: LDG tuners with the FT-2000

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-07-01 17:40:49 UTC
From: wb8nbi@suddenlink.net
Topic: 4285 Message: 4287

I think you are thinking of the FT-950 the FT-2000 does not have this option that I can find. I tuned SWR about 4:1 down to less than 1.2:1
Jimmy (WB8NBI)

From: cam55orange
Sent: Thursday, July 01, 2010 1:28 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: LDG tuners with the FT-2000

You have the radio set on "external tuner"? I believe that is menu item 110.

Set on external, I would expect the power to reduce automatically.

Have you tried the procedure on a really nonresonant antenna? 30M on a G5RV comes to mind.

Thanks,

AB6OR - Bill

--- In LDG-auto-tuners@yahoogroups.com, "wb8nbi" <wb8nbi@...> wrote:
>
> For those of you that use a LDG tuner with a LDG tuner I found a way to make the tune button on the LDG tuner to key the FT-2000. I made a cable using a 1/8 in phone plug and a RCA plug on the other end. wire the tip and ground on the 1/8 in plug to a RCA plug use the TX REQ jack on the radio and the plug the 1/8 in plug into the tuner, set menu 147 tune power to 10 or 20 watts then you can use the tune button on the tune to key your FT-2000 works just like the FT-8x7 radios. Keys the radio in CW and puts out 10 or 20 watts until a match is found then unkeys the radio. Works great.
>

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 9.0.830 / Virus Database: 271.1.1/2974 - Release Date: 06/30/10 14:38:00

[Non-text portions of this message have been removed]

4289. Re: LDG tuners with the FT-2000

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-07-01 16:56:38 UTC
From: wb8nbi
Topic: 4285 Message: 4289

--- In LDG-auto-tuners@yahoogroups.com, "wb8nbi" <wb8nbi@...> wrote:
>
> For those of you that use a LDG tuner. With a LDG tuner I found a way to make the tune button on the LDG tuner to key the FT-2000. I made a cable using a 1/8 in phone plug and a RCA plug on the other end. wire the tip and ground on the 1/8 in plug to a RCA plug use the TX REQ jack on the radio and the plug the 1/8 in plug into the tuner, set menu 147 tune power to 10 or 20 watts then you can use the tune button on the tune to key your FT-2000 works just like the FT-8x7 radios. Keys the radio in CW and puts out 10 or 20 watts until a match is found then unkeys the radio. Works great.
>
I should have said a three conductor phono plug

4290. Re: LDG tuners with the FT-2000

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-07-06 22:42:08 UTC
From: Dwayne
Topic: 4285 Message: 4290

Jimmy,

That is a great tip!

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "wb8nbi" <wb8nbi@...> wrote:
>
> For those of you that use a LDG tuner with a LDG tuner I found a way to make the tune button on the LDG tuner to key the FT-2000. I made a cable using a 1/8 in phone plug and a RCA plug on the other end. wire the tip and ground on the 1/8 in plug to a RCA plug use the TX REQ jack on the radio and the plug the 1/8 in plug into the tuner, set menu 147 tune power to 10 or 20 watts then you can use the tune button on the tune to key your FT-2000 works just like the FT-8x7 radios. Keys the radio in CW and puts out 10 or 20 watts until a match is found then unkeys the radio. Works great.
>

4291. Re: [LDG-auto-tuners] Re: LDG tuners with the FT-2000

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-07-07 01:02:40 UTC
From: wb8nbi@suddenlink.net
Topic: 4285 Message: 4291

Thanks Dwayne I want to make a point that It's a 3 conductor 1/8 in plug using the tip and ground.
Jimmy (WB8NBI)

From: Dwayne
Sent: Tuesday, July 06, 2010 6:42 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: LDG tuners with the FT-2000

Jimmy,

That is a great tip!

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "wb8nbi" <wb8nbi@...> wrote:
>
> For those of you that use a LDG tuner with a LDG tuner I found a way to make the tune button on the LDG tuner to key the FT-2000. I made a cable using a 1/8 in phone plug and a RCA plug on the other end. wire the tip and ground on the 1/8 in plug to a RCA plug use the TX REQ jack on the radio and the plug the 1/8 in plug into the tuner, set menu 147 tune power to 10 or 20 watts then you can use the tune button on the tune to key your FT-2000 works just like the FT-8x7 radios. Keys the radio in CW and puts out 10 or 20 watts until a match is found then unkeys the radio. Works great.
>

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 9.0.830 / Virus Database: 271.1.1/2986 - Release Date: 07/06/10 14:36:00

[Non-text portions of this message have been removed]

4292. DTS-4 antennas switch available...

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-07-07 21:30:59 UTC
From: Petr
Topic: 4292 Message: 4292

Hello friends,

if You are looking for remote controlled antenna switch then there is
the secret sources for the 4-positions antenna switch DTS-4 from LDG. (discontinued long time ago)

DTS-4R (remote control unit)
http://www.cheapham.com/LDG.html

DTS-4(S) (antenna switch unit)
http://www.elix-shop.cz/store/goodsdetail.asp?strGoodsID=66246

I ordered both units 2 weeks ago and it arrived today.

If You will need assistance/help with ordering the DTS-4 unit as it is
Czech site then let me know.

73 - Petr, OK1RP

4293. Z-100 and IC-7000

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-07-11 18:53:47 UTC
From: rbr552
Topic: 4293 Message: 4293

I recently purchased an IC-7000 to replace the IC-706MKIIG. THe Z-100 worked using the front paneltuner button on the 706 but I have not been able to get it to work with the IC-7000. Any thoughts?

4294. Re: Z-100 and IC-7000

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-07-11 22:47:23 UTC
From: davebb123456
Topic: 4293 Message: 4294

HI
i think that you have to go in to the menu in the 7000 and select tuner
THANKS DAVE 2E0DMB

4295. KT-100 - Operating Tips and Advice Please

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-07-11 23:46:03 UTC
From: mickyp555
Topic: 4295 Message: 4295

Hi everyone.
I'm just in the process of setting up a dedicated room for my ham shack, and have bought a KT-100 to go with my TS-870S. Any advice that you can offer that could assist me with operating / tuning up, or just anything you think may be helpful would be greatly appreciated. Many thanks and 73. Mick. MOGWD.

4296. Re: Z-100 and IC-7000

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-07-12 22:29:04 UTC
From: Dwayne
Topic: 4293 Message: 4296

Hi RBR,

It should work exactly the same. There are no user menus in the radio that need to be set.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "rbr552" <rbr552@...> wrote:
>
> I recently purchased an IC-7000 to replace the IC-706MKIIG. THe Z-100 worked using the front paneltuner button on the 706 but I have not been able to get it to work with the IC-7000. Any thoughts?
>

4297. LDG AT-200Pro with IC-718

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-07-15 01:42:01 UTC
From: k2lrv
Topic: 4297 Message: 4297

I recendly picked up an IC-718 and hooked it up to by AT-200Pro. Everything seems to work, but is there a way to get it to use memory tune when I press the tune button on the radio? I can see the LEDs on the 200 light up and go from memory tune to full tune after I press the tune button on the 718.

4298. Re: LDG AT-200Pro with IC-718

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-07-16 03:23:24 UTC
From: Dwayne
Topic: 4297 Message: 4298

Louis,

Make sure you have the tuner menu in the IC-718 radio set to AH-4.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "k2lrv" <k2lrv@...> wrote:
>
> I recendly picked up an IC-718 and hooked it up to by AT-200Pro. Everything seems to work, but is there a way to get it to use memory tune when I press the tune button on the radio? I can see the LEDs on the 200 light up and go from memory tune to full tune after I press the tune button on the 718.
>

4299. Re: [LDG-auto-tuners] Re: 1000Pro wattmeter mod for PEP

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-07-16 07:02:42 UTC
From: John Parkins
Topic: 4229 Message: 4299

Hello Dwayne,

Any more news on the upgrade.......

Saturday, June 12, 2010, 6:41:16 PM, you wrote:

D> Hi Murf,

D> That would be fairly difficult to do. The meter movements in the
D> AT-1000Pro is controlled by the software. If it were directly
D> driven by the RF sensor, then it would be a simple matter of adding a capacitor to slow the decay.

D> We've been working on a software upgrade for many months that will
D> add peak reading to the AT-1000Pro. It's not quite ready yet, but
D> we're hoping to have it available next month (July).

D> Dwayne Kincaid
D> LDG

--
Best regards,
John mailto:kvp@...

4300. Re: 1000Pro wattmeter mod for PEP

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-07-16 21:42:31 UTC
From: nt4om@att.net
Topic: 4229 Message: 4300

Hello Dwayne,

I love my AT-1000PRO but the Peak reading meter would be a definite asset to my station. Is this upgrade available yet? Will it be available as a chip swap or will it be incorporated into a new tuner only.

Tom - NT4OM
"Never Trust 4 Old Men"
"May All Your Signals Be Rare DX"

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
> Hi Murf,
>
> That would be fairly difficult to do. The meter movements in the AT-1000Pro is controlled by the software. If it were directly driven by the RF sensor, then it would be a simple matter of adding a capacitor to slow the decay.
>
> We've been working on a software upgrade for many months that will add peak reading to the AT-1000Pro. It's not quite ready yet, but we're hoping to have it available next month (July).
>
> Dwayne Kincaid
> LDG
>
>
>
> --- In LDG-auto-tuners@yahoogroups.com, "Murf" <n7uvh01@> wrote:
> >
> > hello to the group,
> > I have a 200pro and a 1000pro.. love them both. only thing I would like to do is have the 1000pro wattmeter read pep.. with a slow decay.
> > the 200pro with the bar graph is just right.. has anyone messed with the 1000pro for more pep readings.. tnx.
> > Murf
> > n7uvh in Idaho.
> > 73
> >
>

4301. Re: 1000Pro wattmeter mod for PEP

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-07-19 15:09:48 UTC
From: Dwayne
Topic: 4229 Message: 4301

Hello John,

No news to report. We are still working on it.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, John Parkins <john@...> wrote:
>
> Hello Dwayne,
>
> Any more news on the upgrade.......
>
>
>
> Saturday, June 12, 2010, 6:41:16 PM, you wrote:
>
> D> Hi Murf,
>
> D> That would be fairly difficult to do. The meter movements in the
> D> AT-1000Pro is controlled by the software. If it were directly
> D> driven by the RF sensor, then it would be a simple matter of adding a capacitor to slow the decay.
>
> D> We've been working on a software upgrade for many months that will
> D> add peak reading to the AT-1000Pro. It's not quite ready yet, but
> D> we're hoping to have it available next month (July).
>
> D> Dwayne Kincaid
> D> LDG
>
>
> --
> Best regards,
> John mailto:kvp@...
>

4302. Re: [LDG-auto-tuners] Re: 1000Pro wattmeter mod for PEP

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-07-19 16:37:50 UTC
From: John Parkins
Topic: 4229 Message: 4302

Hello Dwayne,

well I hope you're working 24 hours a day on it..... ;-)

I'll just take the opportunity to thank you for a great bit of kit,
the thing just sits there and does it's job without any drama. True it
does sound like a you've dropped a bag spanners when it's working, but
that's part of it's charm.

Looking forward to the upgrade.

Monday, July 19, 2010, 4:09:48 PM, you wrote:

D> Hello John,

D> No news to report. We are still working on it.

D> Dwayne Kincaid
D> LDG

--
Best regards,
John G8KVP mailto:kvp@...

4303. Z-100Plus & IC706mk2g no go using ICOM tune button.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-07-22 02:34:11 UTC
From: ldevriesau
Topic: 4303 Message: 4303

Hi all,
I recently purchased a LDG Z-100Plus to use on my IC706mk2g.
Unfortunately it doesn't go using the Icom's tune button.
The tuner works OK using PTT and the LDG start button!

Using the Icom button, I get the a beep (press detected by CPU), but nothing else happens.

The voltages on the START & PTT connector is 4.4V & 4.8 V respectively whether the tuner is connected or not. They do not vary when the Tune button is pressed on the Icom.

I haven't done any substitution tests using another LDG Z100+ or IC706 mk2g as yet.

Any ideas?

Lee VK3PK

4304. Re: [LDG-auto-tuners] Z-100Plus & IC706mk2g no go using ICOM tune button.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-07-22 13:07:46 UTC
From: Joe
Topic: 4303 Message: 4304

If you go to the options menu (LOCK+POWER ON) item 28 and set PTT tune
to ON, will it tune when you key the mike?

Joe

On 7/21/2010 10:34 PM, ldevriesau wrote:
> Hi all,
> I recently purchased a LDG Z-100Plus to use on my IC706mk2g.
> Unfortunately it doesn't go using the Icom's tune button.
> The tuner works OK using PTT and the LDG start button!
>
> Using the Icom button, I get the a beep (press detected by CPU), but nothing else
happens.
>
>

4305. Re: [LDG-auto-tuners] Z-100Plus & IC706mk2g no go using ICOM tune button.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-07-22 13:36:51 UTC
From: Joe
Topic: 4303 Message: 4305

Just thought of something else. The TUNE button is a multifunction
key. The manual says to press the button for 2 seconds to make the
autotuner manually tune. Are you holding it on long enough?

Joe

On 7/22/2010 9:07 AM, Joe wrote:
> If you go to the options menu (LOCK+POWER ON) item 28 and set PTT tune
> to ON, will it tune when you key the mike?
>
> Joe
>
> On 7/21/2010 10:34 PM, ldevriesau wrote:
>
>> Hi all,
>> I recently purchased a LDG Z-100Plus to use on my IC706mk2g.
>> Unfortunately it doesn't go using the Icom's tune button.
>> The tuner works OK using PTT and the LDG start button!
>>
>> Using the Icom button, I get the a beep (press detected by CPU), but nothing else
happens.
>>
>>
>>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
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>

4306. Re: Z-100Plus & IC706mk2g no go using ICOM tune button.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-07-23 00:37:13 UTC
From: ldevriesau
Topic: 4303 Message: 4306

Thanks for ideas. I had tried everything including your suggestions, but nothing really helped. However, I have it working now.
I pulled out the circuit of the 706 & I reverse designed the LDG signaling interface and found that there must be an open circuit somewhere as Kirchoff's voltage law did not seem to apply.
Sure enough, the multi strip connector on the PA board(bottom connector) did not seem to be seated properly. I had done some work on the PA board some years ago and it only seemed to affect the Tuner
wiring & was not an issue until I got the LDG.

It now works like a treat! Thanks

Lee VK3PK

4307. AT-100Pro and AT-11

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-08-02 08:39:57 UTC
From: zl1ujg
Topic: 4307 Message: 4307

Hi,
I have a AT-100Pro (2004 V1.6L PCB and it says 100M1.1 on the long chip on the main PCB). This has laid unused for quite a number of years. It appears to work manually by updown the L and C switches, but totally unresponsive on Auto. I have even tried resetting the unit. The unit appears to give a double flash of the top display, if activated. I am sure I am going into Auto mode

I have a AT-11 (Built from the QST article). This unit appears not to tune Auto either.This has also laid unused for several years.

I have checked, and improved the grounding in the shack.

I have a 25-30 foot wire antenna, end fed on 30m.
A manual tuner works ok.

Any ideas? Chips ?

Thanks

Kevin
ZL1UJG

4308. Re: [LDG-auto-tuners] AT-100Pro and AT-11

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-08-03 02:07:45 UTC
From: Glenn AE0Q
Topic: 4307 Message: 4308

Hi Kevin,

This may sound silly, but make sure you are putting RF thru the tuners
while hitting the tune switch :-)

Glenn AE0Q

On Mon, Aug 2, 2010 at 2:39 AM, zl1ujg <zl1ujg@...> wrote:

> Hi,
> I have a AT-100Pro (2004 V1.6L PCB and it says 100M1.1 on the long chip on
> the main PCB). This has laid unused for quite a number of years. It appears
> to work manually by updown the L and C switches, but totally unresponsive on
> Auto. I have even tried resetting the unit.
> The unit appears to give a double flash of the top display, if activated. I
> am sure I am going into Auto mode
>
> I have a AT-11 (Built from the QST article). This unit appears not to tune
> Auto either.This has also laid unused for several years.
>
> I have checked, and improved the grounding in the shack.
>
> I have a 25-30 foot wire antenna, end fed on 30m.
> A manual tuner works ok.
>
> Any ideas? Chips ?
>
> Thanks
>
> Kevin
> ZL1UJG
>
> __,_._,__
>
--
"Remember, any tool can be the right tool!" Red Green

AE0Q ex: GM5BKC, ZB2WZ, V31RY, SV0WY, WA0VPK
ae0q@... --SOWP 5558-M, ARRL LM, QCWA LM, OOTC, NCVA--
http://www.radiotipsandtales.com

[Non-text portions of this message have been removed]

4309. Re: AT-100Pro and AT-11

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-08-03 06:05:20 UTC
From: zl1ujg
Topic: 4307 Message: 4309

Hi,
Yes RF on output in bypass, and can tune manually

Found out the forward detector diode was open/circuit.
I replaced it with a HP 5082-2800 as a temporary fix.
It seems to work on a test bench and looks ok on the air now.

Will have a look at the AT-11 now

Kevin
ZL1UJG

--- In LDG-auto-tuners@yahoogroups.com, Glenn AE0Q <gm5bkc@...> wrote:
>
> Hi Kevin,
>
> This may sound silly, but make sure you are putting RF thru the tuners
> while hitting the tune switch :-)
>
> Glenn AE0Q
>
> On Mon, Aug 2, 2010 at 2:39 AM, zl1ujg <zl1ujg@...> wrote:
>
> > Hi,
> > I have a AT-100Pro (2004 V1.6L PCB and it says 100M1.1 on the long chip on
> > the main PCB). This has laid unused for quite a number of years. It appears
> > to work manually by updown the L and C switches, but totally unresponsive on
> > Auto. I have even tried resetting the unit.
> > The unit appears to give a double flash of the top display, if activated. I
> > am sure I am going into Auto mode
> >
> > I have a AT-11 (Built from the QST article). This unit appears not to tune
> > Auto either.This has also laid unused for several years.
> >
> > I have checked, and improved the grounding in the shack.
> >
> > I have a 25-30 foot wire antenna, end fed on 30m.
> > A manual tuner works ok.
> >
> > Any ideas? Chips ?
> >
> > Thanks
> >
> > Kevin
> > ZL1UJG
> >

> > __,_.-,__
> >
> --
> "Remember, any tool can be the right tool!" Red Green
>
> AE0Q ex: GM5BKC, ZB2WZ, V31RY, SV0WY, WA0VPK
> ae0q@... --SOWP 5558-M, ARRL LM, QCWA LM, OOTC, NCVA--
> http://www.radiotipsandtales.com
>
>
> [Non-text portions of this message have been removed]
>

4310. Re: at-897 plus

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-08-04 23:01:44 UTC
From: CraigAW
Topic: 4022 Message: 4310

My 897 died and LDG replaced it with the Plus. I liked the 897 better as it did not use the CAT port and worked better with Ham Radio Delux. With the Plus and HRD you cannot tune correctly within HRD. Some kind of conflict with HRD and the LDG CAT components?. I love LDG and have 6 of their tuners but they are not interested in solving this problem with the 897 plus. Seems strange considering how many people use HRD.

--- In LDG-auto-tuners@yahoogroups.com, "n8mfn" <n8mfn@...> wrote:
>
> havent been on this group for a while but came acrossed the at-897 plusI have the at-897 tunner and am not happy with it at all in factI use the z-11 pro for my 897 I still like the fact that the897plus connects to the rig makes for portable work easyer Is any one useing the at-897 plus and if so how does it compare to the at897
> Thanks
> Rick
> N8MFN
>

4311. Re: DTS-4 and 6

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-08-06 12:06:29 UTC
From: Jan
Topic: 3841 Message: 4311

Hello Dwayne,

Can you tell me somthing about the connection for the program cable for the LDG DTS-6 and is there anywhere on the internet some software for available?
The switch is working very fine and i will use it for remote control of my antenna's with the program Hamradio de Luxe.

Greatings
Jan Dekker
PA0JAD
Alkmaar
Holland

4312. Re: at-897 plus

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-08-06 15:13:47 UTC
From: Dwayne
Topic: 4022 Message: 4312

Hi Craig,

We don't touch the CAT port when the tuner is not tuning. It just goes in one connector and out the other. So if it's not working with whatever software you are using, there could a cable or plug problem someplace.

Maybe you could be more specific on what kind of issue you are having.

Dwayne Kincaid

--- In LDG-auto-tuners@yahoogroups.com, "CraigAW" <craig@...> wrote:
>
> My 897 died and LDG replaced it with the Plus. I liked the 897 better as it did not use the CAT port and worked better with Ham Radio Delux. With the Plus and HRD you cannot tune correctly within HRD. Some kind of conflict with HRD and the LDG CAT components?. I love LDG and have 6 of their tuners but they are not interested in solving this problem with the 897 plus. Seems strange considering how many people use HRD.
> >
> > --- In LDG-auto-tuners@yahoogroups.com, "n8mfn" <n8mfn@> wrote:
> > >
> > > havent been on this group for a while but came acrossed the at-897 plusI have the at-897 tunner and am not happy with it at all in factI use the z-11 pro for my 897 I still like the fact that the897plus connects to the rig makes for portable work easyer Is any one useing the at-897 plus and if so how does it compare to the at897
> > > Thanks
> > > Rick
> > > N8MFN
> > >
> >

4313. Re: DTS-4 and 6

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-08-06 15:19:42 UTC
From: Dwayne
Topic: 3841 Message: 4313

Hello Jan,

You should be able to find the connection information on the specification page on our web site. Here is the link:

http://www.ldgelectronics.com/c/252/products/4/18/2

We don't know of anyone that has stand alone software to control the switch. But all of the serial commands are listed in the manual.

Dwayne Kincaid

--- In LDG-auto-tuners@yahoogroups.com, "Jan" <jadekker@...> wrote:
>
> Hello Dwayne,
>
> Can you tell me somthing about the connection for the program cable for the LDG DTS-6 and is there anywhere on the internet some software for available?
> The switch is working very fine and i will use it for remote control of my antenna's with the program Hamradio de Luxe.
>
> Greatings
> Jan Dekker
> PA0JAD
> Alkmaar
> Holland
>

4314. Re: [LDG-auto-tuners] Re: DTS-4 and 6

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-08-06 16:00:32 UTC
From: N2CKH
Topic: 3841 Message: 4314

Hi Jan,

When you read the docs take into account that format is an ASCII char paired with a Hex byte into a string sent as a single word at 2400 8N1 with no handshaking and no CR or LF.

Here are some examples of C++ code to buffer the two bytes and send the word via the common antenna switch handler in MARS-ALE where several types of antenna switching are supported, if you were writing just to send to the DTS switch your string could just be sent directly to the comport handler:

```
// Send command string for DTS ANT SW port 1
buffer[0] = 'R';
buffer[1] = 0x02;

ant_send_command(buffer,2);

// Send command string for DTS ANT SW port 2
buffer[0] = 'R';
buffer[1] = 0x03;

ant_send_command(buffer,2);
```

Here is a link to an interface that you will require:

http://www.n2ckh.com/MARS_ALE_FORUM/LDG_DTS4_DTS6.pdf

For a ready made version of the above interface see the end of the above document for contact info on
KC2CNB who has been manufacturing them for the last four years for MARS members and others interested. I do not know if he will be willing to ship overseas, but it won't hurt to ask if you don't want to roll your own.

/s/ Steve, N2CKH

4315. Re: DTS-4 and 6

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-08-06 21:16:24 UTC
From: lostfrogsrecords
Topic: 3841 Message: 4315

Hi Jan,

I see you have had some responses already and here is mine! I have used RealTerm to control the LDG switches, here is a message I archived for future reference:

Under the Display tab I select the Third button down, Hex[space], and select 'Half Duplex'.

Under the Send tab I have a change from the previous method that seems to work as well or better:

Select 'Strip Spaces'

To send a command to the antenna switch, enter $52, then a space, then $xx where xx is the command number. For example to select antenna 3, enter '$52 $04' (without the quotes). Then press the Send Numbers button to the right of the text entry area. That works fine here and I've tried most of the commands.

Hopefully you can embed such strings in your rig control software's Macro Key support, that is what a friend of mine did. I have not tried it yet with HRD, but I know it is possible. Those LDG switches are great!

Dave KI4PSR

--- In LDG-auto-tuners@yahoogroups.com, "Jan" <jadekker@...> wrote:
>
> Hello Dwayne,
>
> Can you tell me somthing about the connection for the program cable for the LDG DTS-6 and is there anywhere on the internet some software for available?
> The switch is working very fine and i will use it for remote control of my antenna's with the program Hamradio de Luxe.
>
> Greatings
> Jan Dekker
> PA0JAD
> Alkmaar
> Holland
>

4316. Re: DTS-4 and 6

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-08-06 21:30:26 UTC
From: Howard Z
Topic: 3841 Message: 4316

There is s/w that can control the DTS-4 or DTS-6 coax switch in the N3ZH_Software yahoo group - in the files section.

The s/w does many many things - and among them is controlling the LDG switch.

Howard

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
> Hello Jan,
>
> You should be able to find the connection information on the specification page on our web site. Here is the link:
>
> http://www.ldgelectronics.com/c/252/products/4/18/2
>
> We don't know of anyone that has stand alone software to control the switch. But all of the serial commands are listed in the manual.
>
> Dwayne Kincaid
>
> --- In LDG-auto-tuners@yahoogroups.com, "Jan" <jadekker@> wrote:
> >
> > Hello Dwayne,
> >
> > Can you tell me somthing about the connection for the program cable for the LDG DTS-6 and is there anywhere on the internet some software for available?
> > The switch is working very fine and i will use it for remote control of my antenna's with the program Hamradio de Luxe.
> >
> > Greatings
> > Jan Dekker
> > PA0JAD
> > Alkmaar
> > Holland
> >
>

4317. W4RT has no more LDG DTS-6 coax switches?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-08-10 22:40:15 UTC
From: Howard Z
Topic: 4317 Message: 4317

Hi,

I have been informed that W4RT has no more DTS-6 coax switches to sell.

Any other source have them?

Howard

4318. RE: [LDG-auto-tuners] W4RT has no more LDG DTS-6 coax switches?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-08-10 23:44:46 UTC
From: Ted Wrobel
Topic: 4317 Message: 4318

Hi Howard,

I have a brand-new DTS-6 I bought from W4RT a few months ago. Never connected or used - I might get to it some day when I have more time. I paid $111 delivered. If you can't find one elsewhere I would be willing to sell it for what I paid, $111 delivered. (assuming you live int the USA!)

73
Ted
W1GRI

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Howard Z
Sent: Tuesday, August 10, 2010 18:40
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] W4RT has no more LDG DTS-6 coax switches?

Hi,

I have been informed that W4RT has no more DTS-6 coax switches to sell.

Any other source have them?

Howard

[Non-text portions of this message have been removed]

4319. Re: W4RT has no more LDG DTS-6 coax switches?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-08-11 02:39:00 UTC
From: Howard Z
Topic: 4317 Message: 4319

Thanks Ted,

I was asking for an internet friend of mine - Larry Rappaport. I will email him a link to this page.

Howard

--- In LDG-auto-tuners@yahoogroups.com, "Ted Wrobel" <twrobel@...> wrote:
>
> Hi Howard,
>
> I have a brand-new DTS-6 I bought from W4RT a few months ago. Never
> connected or used - I might get to it some day when I have more time. I paid
> $111 delivered. If you can't find one elsewhere I would be willing to sell
> it for what I paid, $111 delivered. (assuming you live int the USA!)
>
> 73
> Ted
> W1GRI
>
>
>
> _____
>
> From: LDG-auto-tuners@...m
> [mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Howard Z
> Sent: Tuesday, August 10, 2010 18:40
> To: LDG-auto-tuners@yahoogroups.com
> Subject: [LDG-auto-tuners] W4RT has no more LDG DTS-6 coax switches?
>
>
>
>
> Hi,
>
> I have been informed that W4RT has no more DTS-6 coax switches to sell.
>
> Any other source have them?
>
> Howard
>
>
>
>
>
>

> [Non-text portions of this message have been removed]
>

4320. Ma+LDG Z 100 PLUS

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-08-18 13:52:55 UTC
From: radioblanca
Topic: 4320 Message: 4320

i am new to the group, I put my LDG Z-100 PLUS a
fuse, how many milli amps you have to put? thanks

4321. IT-100 remote indicators

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-08-18 00:24:37 UTC
From: Mort
Topic: 4321 Message: 4321

My intended application for the IT-100 will be with an Icom 706MKIIG in mobile installation. The radio is in the trunk and the tuner will be there as well. In this arrangement, the tuning status will not be visible. Since the 6 pin DIN has two unused pins, 2 & 3 I plan to carry out the tuning status of each LED through these pins, an isolation buffer and have a remote indicator next to the 706 head.

I have some ideas how to accomplish this task. One is simple using a suitable buffer to protect the IT-100 and wires from the trunk to the 706 head. The ohter approach is more complex and uses an inexpensive wireless. The 'load' sensing the status of LDG LEDs will be 2 - 5 uA.

Has anyone ever attempted such a task?

Thank you.

Mort, NA6MA

4322. Re: W4RT has no more LDG DTS-6 coax switches?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-08-19 00:07:17 UTC
From: Howard Z
Topic: 4317 Message: 4322

Just wondering.

Is LDG going to manufacture more DTS-6 coax switches?
Or something similar to it?

I consider it an excellent low cost switch, and recommend it to all who ask.

The only improvements I would suggest is that it use a standard ICOM CI-V adapter rather than having to go to Holland Electronics(or use plain RS232) to hook it up to a computer, and to make the protocol be all ascii characters (no binary data).

Howard

4323. Re: [LDG-auto-tuners] Re: W4RT has no more LDG DTS-6 coax switches?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-08-19 00:35:23 UTC
From: N2CKH
Topic: 4317 Message: 4323

Hi Howard,

You may still be able to get them from www.cheapham.com in NJ.

I too would really like to see the DTS units remain on the LDG product line up after the current production supply is exhausted. They are very popular with MARS-ALE users. Long ago when first asked Dwayne about the serial port parameters when I first added support for the DTS line to MARS-ALE, I asked about the prospect of offering a model that supported the ICOM C-IV interface and CSMA protocol due to the lack of serial ports in PC's, but now with USB ports, I would prefer a DTS like device with a USB interface.

An approach for CIV support would be an MCU CIV emulation, say PIC based etc., that implemented the CIV interface and CSMA protocol required and also knew how to command and control the DTSx interface. Writing such code to emulate an ICOM radio device is not too difficult, I just did so in emulating an IC746PRO in whole to allow MARS-ALE to look like an ICOM radio to any CAT capable program and do so for an antenna switch would only require the radio address code and the antenna port selection code.

You never know what the future will bring, but in this market it really depends on the demand and how fast a product sells to the market to justify tying up funds in a production run and inventory, perhaps LDG will bring back the DTSx series or perhaps something even better?

/s/ Steve, N2CKH

At 08:07 PM 8/18/2010, you wrote:
>
>
>Just wondering.
>
>Is LDG going to manufacture more DTS-6 coax switches?
>Or something similar to it?
>
>I consider it an excellent low cost switch, and recommend it to all who ask.
>
>The only improvements I would suggest is that it use a standard ICOM
>CI-V adapter rather than having to go to Holland Electronics(or use
>plain RS232) to hook it up to a computer, and to make the protocol
>be all ascii characters (no binary data).
>
>Howard

4324. Re: [LDG-auto-tuners] IT-100 remote indicators

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-08-18 21:25:21 UTC
From: Jimmy (WB8NB)
Topic: 4321 Message: 4324

I see no need for status lights just check the SWR with the meter on the 706.
DE Jimmy (WB8NBI)

From: Mort
Sent: Tuesday, August 17, 2010 8:24 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] IT-100 remote indicators

My intended application for the IT-100 will be with an Icom 706MKIIG in mobile installation. The radio is in the trunk and the tuner will be there as well. In this arrangement, the tuning status will not be visible. Since the 6 pin DIN has two unused pins, 2 & 3 I plan to carry out the tuning status of each LED through these pins, an isolation buffer and have a remote indicator next to the 706 head.

I have some ideas how to accomplish this task. One is simple using a suitable buffer to protect the IT-100 and wires from the trunk to the 706 head. The ohter approach is more complex and uses an inexpensive wireless. The 'load' sensing the status of LDG LEDs will be 2 - 5 uA.

Has anyone ever attempted such a task?

Thank you.

Mort, NA6MA

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 9.0.851 / Virus Database: 271.1.1/3079 - Release Date: 08/18/10 02:35:00

[Non-text portions of this message have been removed]

4325. Re: W4RT has no more LDG DTS-6 coax switches?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-08-19 13:13:26 UTC
From: Dwayne
Topic: 4317 Message: 4325

Hi Howard,

LDG has no plans at this time to bring back the DTS series. Those were discontinued a couple of years ago and although there has been some pockets of interest, we don't feel there is a large enough market to justify bring it back.

However, if we did, your suggestions would make for some great changes.

Dwayne Kincaid

--- In LDG-auto-tuners@yahoogroups.com, "Howard Z" <Howard_Z@...> wrote:
>
> Just wondering.
>
> Is LDG going to manufacture more DTS-6 coax switches?
> Or something similar to it?
>
> I consider it an excellent low cost switch, and recommend it to all who ask.
>
> The only improvements I would suggest is that it use a standard ICOM CI-V adapter rather than having to go to Holland Electronics(or use plain RS232) to hook it up to a computer, and to make the protocol be all ascii characters (no binary data).
>
> Howard
>

4326. Re: Ma+LDG Z 100 PLUS

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-08-19 13:16:07 UTC
From: Dwayne
Topic: 4320 Message: 4326

Hello Blanca,

A one amp slow-blow fuse would work fine.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "radioblanca" <radioblanca10@...> wrote:
>
> i am new to the group, I put my LDG Z-100 PLUS a
> fuse, how many milli amps you have to put? thanks
>

4327. AT-1000pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-08-19 13:20:32 UTC
From: wa2sry
Topic: 4327 Message: 4327

I just got a used AT-1000pro and the meter lamp is out, Has anybody done a replacement with led's? I hate to pay $10 for a bulb. I tried to take a voltage measurement and it reads 0vdc? Maybe I have other problems. It seems to tune alright. I'm just learning about it.

73 Larry K1ZW
In Durham

4328. MINT - LDG AT-11MP - v1.6 For Sale

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-08-19 16:25:14 UTC
From: captain_magic
Topic: 4328 Message: 4328

I just updated my transceiver to an Icom 756 Pro3 so I no longer need this E-Ham highly rated tuner. Below is the information from the board:

BOARD: V2.2G - June 2001
ENCLOSURE: V1.2
INTEGRATED CIRCUIT: MP 1.6 (printed on a sticker)

As you can see, it has the latest update chip V1.6. It will be shipped with the wall-wart power supply and full color owners manual.

Thanks,
Bob - WX8YZ

4329. Re: IT-100 remote indicators

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-08-19 23:07:44 UTC
From: Ken
Topic: 4321 Message: 4329

You have the necessary indicators on the radio.

If tune is successful the tune indicator on the radio will lite. SWR and power out indicators on the radio will tell you things are working ok.

Even though my tuner is near my radio, I find very little need to look at the LEDs on it unless I am experimenting with a new antenna. The tuner just works every time and to confirm this I see the tune indicator lite up on the radio..

73 - Ken - VE5KC
- http://amateur-radio.ca
- http://ham-radio.ca

MM Hamsoft & MMTTY 10th Anniversary
Sign the Guest-book @ http://mmhamsoft.amateur-radio.ca

--- In LDG-auto-tuners@yahoogroups.com, "Mort" <marditti@...> wrote:
>
>
> My intended application for the IT-100 will be with an Icom 706MKIIG in
> mobile installation. The radio is in the trunk and the tuner will be there as well. In this arrangement, the tuning status will not be visible. Since the 6 pin DIN has two unused pins, 2 & 3 I plan to carry out the tuning status of each LED through these pins, an isolation buffer and have a remote indicator next to the 706 head.
>
> I have some ideas how to accomplish this task. One is simple using a suitable buffer to protect the IT-100 and wires from the trunk to the 706 head. The ohter approach is more complex and uses an inexpensive wireless. The 'load' sensing the status of LDG LEDs will be 2 - 5 uA.
>
> Has anyone ever attempted such a task?
>
> Thank you.
>
> Mort, NA6MA
>

4330. MINT - LDG AT-11MP - v1.6 For Sale - UPDATE: with price information

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-08-19 23:40:27 UTC
From: captain_magic
Topic: 4328 Message: 4330

Sorry I forgot to include the price and shipping information in the original post:

I'm selling it for $150 plus actual shipping charges resulting from your selection of method. It will be expertly packed. I accept a money order or PayPal.

Thank you,
Bob - WX8YZ

> I just updated my transceiver to an Icom 756 Pro3 so I no longer need this E-Ham highly rated tuner. Below is the information from the board:
>
> BOARD: V2.2G - June 2001
> ENCLOSURE: V1.2
> INTEGRATED CIRCUIT: MP 1.6 (printed on a sticker)
>
> As you can see, it has the latest update chip V1.6. It will be shipped with the wall-wart power supply and full color owners manual.
>
> Thanks,
> Bob - WX8YZ
>

4331. Re: AT-1000pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-08-20 00:07:25 UTC
From: Dwayne
Topic: 4327 Message: 4331

Larry,

We have not tried to replace the bulb with an LED, but you probably could. It would most likely not be as bright, but it would last significantly longer. I would use a bright white and a 1K, 1/4 watt resistor in series.

The bulb is pretty much a standard small bulb with about 100 mA current draw at 12 volts. You'll get less brightness from an LED since it will only draw about 15 mA.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "wa2sry" <lclarks@...> wrote:
>
> I just got a used AT-1000pro and the meter lamp is out, Has anybody done a replacement with led's? I hate to pay $10 for a bulb. I tried to take a voltage measurement and it reads 0vdc? Maybe I have other problems. It seems to tune alright. I'm just learning about it.
>
> 73 Larry K1ZW
> In Durham
>

4332. Re: [LDG-auto-tuners] Re: IT-100 remote indicators

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-08-20 02:00:24 UTC
From: Howard Bingham
Topic: 4321 Message: 4332

Wonder why LDG doesn't make a tuner more mobile friendly, such as
with a _remote head_ so mobile operators can see the LED's..?

My AT-200Pro is virtually useless in mobile use, unless one pulls
over in a parking lot to tune the antenna in use if a change is
necessary, as due to restricted "under-dash" space, the tuner sits
under the glove box & only a passenger (If one has a passenger), has
clear view of the tuner as it goes through it's process..!

I've simply tuned my antennas the OLD fashioned way with an SWR
bridge at time of installation & use an antenna selection switch to
choose the correct antenna for the band being used..

If anyone wants an AT-200Pro, mine is for trade or sale, as I have
not re-installed it since LDG serviced it last spring after having
high SWR issues the tuner apparently could not handle.. (Will trade
for a much smaller tuner that does not occupy several ft. of knee
space under the dash, OR $ 160.00 cash + shipping.)

Now use an old Heathkit SWR/power meter to monitor performance (Quite
large analog display, on top of dash, rather than blinking LED's that
are out of field of vision) & could not be more happy with my Yaesu
FT-857D & 4 tuned single band antennas....

Howard Bingham
Member 10-10 International, participant in Houston SHOT Net Tuesday's
8 p.m. local time 28.488

==========
At 06:07 PM 8/19/2010, Ken wrote:
>You have the necessary indicators on the radio.
>
>If tune is successful the tune indicator on the radio will lite. SWR
>and power out indicators on the radio will tell you things are working ok.
>
>Even though my tuner is near my radio, I find very little need to
>look at the LEDs on it unless I am experimenting with a new antenna.
>The tuner just works every time and to confirm this I see the tune
>indicator lite up on the radio..
>
>73 - Ken - VE5KC
>- http://amateur-radio.ca
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>MM Hamsoft & MMTTY 10th Anniversary
>Sign the Guest-book @ http://mmhamsoft.amateur-radio.ca

4333. Re: IT-100 remote indicators

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-08-20 01:32:46 UTC
From: Mort
Topic: 4321 Message: 4333

Thank you to Jimmy WB8NBI and Ken VE5KC. Your replies will save me a bunch of effort. Since I have not used any tuner with the 706, I was not aware that there is feedback and I was going to 'fix' that.

Thank you both.

73,

Mort, NA6MA

--- In LDG-auto-tuners@yahoogroups.com, "Ken" <ve5kc@...> wrote:
>
> You have the necessary indicators on the radio.
>
> If tune is successful the tune indicator on the radio will lite. SWR and power out indicators on the radio will tell you things are working ok.
>
> Even though my tuner is near my radio, I find very little need to look at the LEDs on it unless I am experimenting with a new antenna. The tuner just works every time and to confirm this I see the tune indicator lite up on the radio..
>
> 73 - Ken - VE5KC
> - http://amateur-radio.ca
> - http://ham-radio.ca
>
> MM Hamsoft & MMTTY 10th Anniversary
> Sign the Guest-book @ http://mmhamsoft.amateur-radio.ca
>
>
> --- In LDG-auto-tuners@yahoogroups.com, "Mort" <marditti@> wrote:
> >
> >
> > My intended application for the IT-100 will be with an Icom 706MKIIG in
> > mobile installation. The radio is in the trunk and the tuner will be there as well. In this arrangement, the tuning status will not be visible. Since the 6 pin DIN has two unused pins, 2 & 3 I plan to carry out the tuning status of each LED through these pins, an isolation buffer and have a remote indicator next to the 706 head.
> >
> > I have some ideas how to accomplish this task. One is simple using a suitable buffer to protect the IT-100 and wires from the trunk to the 706 head. The ohter approach is more complex and uses an inexpensive wireless. The 'load' sensing the status of LDG LEDs will be 2 - 5 uA.
> >
> > Has anyone ever attempted such a task?
> >
> > Thank you.

> >
> > Mort, NA6MA
> >
>

4334. RE: [LDG-auto-tuners] Re: AT-1000pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-08-20 15:47:14 UTC
From: Larry stowell
Topic: 4327 Message: 4334

Thanks Dwayne

Does it illuminate with the on/off of the tuner. This is a previously owned tuner and it didn't work
when I got it, I checked the voltage at the pins on the board and read zero.

Thanks
73 Larry K1ZW

-----Original Message-----
From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Dwayne
Sent: Thursday, August 19, 2010 8:07 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: AT-1000pro

Larry,

We have not tried to replace the bulb with an LED, but you probably could. It would most likely not
be as bright, but it would last significantly longer. I would use a bright white and a 1K, 1/4 watt
resistor in series.

The bulb is pretty much a standard small bulb with about 100 mA current draw at 12 volts. You'll get
less brightness from an LED since it will only draw about 15 mA.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "wa2sry" <lclarks@...> wrote:
>
> I just got a used AT-1000pro and the meter lamp is out, Has anybody done a replacement with led's?
I hate to pay $10 for a bulb. I tried to take a voltage measurement and it reads 0vdc? Maybe I have
other problems. It seems to tune alright. I'm just learning about it.
>
> 73 Larry K1ZW
> In Durham
>

Yahoo! Groups Links

4335. FS: Z-11 Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-08-20 18:08:56 UTC
From: Bob Pariza
Topic: 4335 Message: 4335

For Sale: Icom 706Mk2G

A very nice, clean 'Mk2G, serial #021xxx. This radio has the optional narrow SSB filter (FL-223) and the optional carrying handle (MB-72) installed. It also has the HM-118TN microphone with tones. When I got this rig I took it to our local tech who went through it and made certain that everything was operating correctly and within specs. He also did the 60-meter mod. This is really a great radio and has seen almost no use since I've had it.

The price is $725, double boxed and shipped to your door (in the lower 48) via UPS ground. Pictures are available upon request, questions are welcomed.

Also For Sale: LDG Z-11 Pro Antenna Tuner

A very clean Z-11 Pro tuner. The box is marked "blemished" and the only flaw that I can find is one small chip on the corner of the cover, just above the upper-left corner of the front panel. This tuner works just great and is a terrific partner for the '706. It's small, fast and easy to work with. I bought this tuner new and it too has seen almost no use.

The price is $125, double boxed and shipped to your door (in the lower 48) via UPS ground. Pictures are available upon request, questions are welcomed.

Buy both for $825, again double boxed and delivered in the lower 48 via UPS ground.

If you have any questions or want to make an offer, please contact me off-list @ bpariza at yahoo.com.

Thanks, Bob

4336. Re: AT-1000pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-08-20 19:31:39 UTC
From: Dwayne
Topic: 4327 Message: 4336

Hi Larry,

Yes the light should come on when the tuner is powered on by the on/off switch.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "Larry stowell" <lclarks@...> wrote:
>
> Thanks Dwayne
>
> Does it illuminate with the on/off of the tuner. This is a previously owned tuner and it didn't work
> when I got it, I checked the voltage at the pins on the board and read zero.
>
> Thanks
> 73 Larry K1ZW
>
> -----Original Message-----
> From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Dwayne
> Sent: Thursday, August 19, 2010 8:07 PM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: [LDG-auto-tuners] Re: AT-1000pro
>
> Larry,
>
> We have not tried to replace the bulb with an LED, but you probably could. It would most likely not
> be as bright, but it would last significantly longer. I would use a bright white and a 1K, 1/4 watt
> resistor in series.
>
> The bulb is pretty much a standard small bulb with about 100 mA current draw at 12 volts. You'll get
> less brightness from an LED since it will only draw about 15 mA.
>
> Dwayne Kincaid
> LDG
>
> --- In LDG-auto-tuners@yahoogroups.com, "wa2sry" <lclarks@> wrote:
> >
> > I just got a used AT-1000pro and the meter lamp is out, Has anybody done a replacement with led's?
> I hate to pay $10 for a bulb. I tried to take a voltage measurement and it reads 0vdc? Maybe I have

> other problems. It seems to tune alright. I'm just learning about it.
> >
> > 73 Larry K1ZW
> > In Durham
> >
>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>

4337. Re: DTS-4 and 6

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-08-22 10:08:58 UTC
From: Jan
Topic: 3841 Message: 4337

Tnx Steve for the reply. I will look at the URL and see of it will work.

73
Jan
PA0JAD

--- In LDG-auto-tuners@yahoogroups.com, N2CKH <n2ckh@...> wrote:
>
>
> Hi Jan,
>
> When you read the docs take into account that format is an ASCII char
> paired with a Hex byte into a string sent as a single word at 2400
> 8N1 with no handshaking and no CR or LF.
>
> Here are some examples of C++ code to buffer the two bytes and send
> the word via the common antenna switch handler in MARS-ALE where
> several types of antenna switching are supported, if you were writing
> just to send to the DTS switch your string could just be sent
> directly to the comport handler:
>
> // Send command string for DTS ANT SW port 1
> buffer[0] = 'R';
> buffer[1] = 0x02;
>
> ant_send_command(buffer,2);
>
> // Send command string for DTS ANT SW port 2
> buffer[0] = 'R';
> buffer[1] = 0x03;
>
> ant_send_command(buffer,2);
>
> Here is a link to an interface that you will require:
>
> http://www.n2ckh.com/MARS_ALE_FORUM/LDG_DTS4_DTS6.pdf
>
> For a ready made version of the above interface see the end of the
> above document for contact info on
> KC2CNB who has been manufacturing them for the last four years for
> MARS members and others interested. I do not know if he will be
> willing to ship overseas, but it won't hurt to ask if you don't want
> to roll your own.
>
> /s/ Steve, N2CKH

>

4338. Re: DTS-4 and 6

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-08-22 10:10:45 UTC
From: Jan
Topic: 3841 Message: 4338

Tnx for the info Dave,

I will look for the info and try it out.
73
Jan
PA0JAD

--- In LDG-auto-tuners@yahoogroups.com, "lostfrogsrecords" <dave@...> wrote:
>
> Hi Jan,
>
> I see you have had some responses already and here is mine! I have used
> RealTerm to control the LDG switches, here is a message I archived for
> future reference:
>
> --------
> Under the Display tab I select the Third button down, Hex[space], and
> select 'Half Duplex'.
>
> Under the Send tab I have a change from the previous method that seems
> to work as well or better:
>
> Select 'Strip Spaces'
>
> To send a command to the antenna switch, enter $52, then a space, then
> $xx where xx is the command number. For example to select antenna 3,
> enter '$52 $04' (without the quotes). Then press the Send Numbers
> button to the right of the text entry area. That works fine here and
> I've tried most of the commands.
>
> -----
>
> Hopefully you can embed such strings in your rig control software's
> Macro Key support, that is what a friend of mine did. I have not tried
> it yet with HRD, but I know it is possible. Those LDG switches are
> great!
>
> Dave KI4PSR
>
>
> --- In LDG-auto-tuners@yahoogroups.com, "Jan" <jadekker@> wrote:
> >
> > Hello Dwayne,
> >
> > Can you tell me somthing about the connection for the program cable

> for the LDG DTS-6 and is there anywhere on the internet some software
> for available?
> > The switch is working very fine and i will use it for remote control
> of my antenna's with the program Hamradio de Luxe.
> >
> > Greatings
> > Jan Dekker
> > PA0JAD
> > Alkmaar
> > Holland
> >
>

4339. Older Z100

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-08-22 18:40:14 UTC
From: cmccarter
Topic: 4339 Message: 4339

I have an older Z100 with a ver 1.0 firmware. is there any way to upgrade this unit to newer firmware?

It seems to still work OK. Been a while since I used it since I have had the rig in the car .

4340. YT-450 vs Z11 Pro ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-08-22 19:58:21 UTC
From: CharlesC
Topic: 4340 Message: 4340

I just saw an ad for the LDG YT-450. Since I have an FT-450 and a Z-11 Pro, I have to ask:

The Z11 Pro works fine with my FT-450 -- it sits in the attic, with AA batteries powering it for a year or so.

What benefit would I get from switching to the YT-450? Wider tuning range? Lower losses?

Thanks --

Charles VA7CPC

4341. Re: YT-450 vs Z11 Pro ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-08-23 21:28:50 UTC
From: Ken
Topic: 4340 Message: 4341

Hi Charles,

From what you write, you have your tuner remotely located where power is not readily available.

The Z11 Pro is an excellent tuner that is very versatile. (I have two of them) Being able to run on batteries and tune with RF sense and makes it do what you want. So, in your setup, you would gain nothing with a YT-450.

The YT-450 is designed to be powered from the radio, not batteries. There is no mention in the manual, that I saw, of an RF sense ability to use it separate from the radio, without CAT. To use this tuner remotely, you would have to run power and CAT cables to the tuner in addition to your coax.

From the YT-450 manual..
http://www.ldgelectronics.com/assets/manuals/YT450ManualRevA.pdf

"The T-450 is similar to previous LDG tuners,but is specially engineered to integrate with your Yaesu FT-450 or FT-950 HF radio. The YT-450 connects to the CAT (Computer Automated Transceiver) port on the back of the radio. The CAT interface allows an external device such as a PC or the YT-450 to control the FT-450/950 by sending it serial commands. The YT-450 takes advantage of this interface to simplify the tuning process -- one button push is all that is needed in order to switch the radio to AM mode, reduce output power, transmit a carrier, measure the transmit frequency,and then restore the radio to its previous mode and power level! Additionally, the YT-450 also draws power directly from the radio, so no extra cable is needed."

73 - Ken - VE5KC
- http://amateur-radio.ca
- http://ham-radio.ca

MM Hamsoft & MMTTY 10th Anniversary
Sign the Guest-book @ http://mmhamsoft.amateur-radio.ca

--- In LDG-auto-tuners@yahoogroups.com, "CharlesC" <cpcohen1945@...> wrote:
>
> I just saw an ad for the LDG YT-450. Since I have an FT-450 and a Z-11 Pro, I have to ask:
>
> The Z11 Pro works fine with my FT-450 -- it sits in the attic, with AA batteries powering it for a year or so.
>
> What benefit would I get from switching to the YT-450? Wider tuning range? Lower losses?
>
> Thanks --
>
> Charles VA7CPC

>

4342. AT-1000Pro Upgrade

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-08-23 22:09:37 UTC
From: Dwayne
Topic: 4342 Message: 4342

LDG has announced the FREE AT-1000Pro Upgrade program. All owners (new and used) are eligible. The upgrade includes updated tuning algorithms and the addition of Peak and Average meter modes. Simply fill out the form (from our main web page) and mail to LDG or e-mail the form to the special AT-1000Pro upgrade e-mail address: AT1000ProUpgrade@... and you will receive a FREE upgrade chip.

Dwayne Kincaid
LDG

4343. Re:AT-1000Pro Upgrade

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-08-24 10:05:33 UTC
From: Liz & Tony Buckland
Topic: 4342 Message: 4343

Many thanks Dwayne, it's what a lot of us have been waiting for :-).
It will make a good tuner a great tuner.

73 Tony ZL3HAM

4344. Re: [LDG-auto-tuners] AT-1000Pro Upgrade

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-08-23 23:26:07 UTC
From: Jimmy (WB8NB)
Topic: 4342 Message: 4344

This is very good news for me. Thank you very much Dwayne. I hope this will fix all.
DE Jimmy (WB8NBI)

From: Dwayne
Sent: Monday, August 23, 2010 6:09 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] AT-1000Pro Upgrade

LDG has announced the FREE AT-1000Pro Upgrade program. All owners (new and used) are eligible. The upgrade includes updated tuning algorithms and the addition of Peak and Average meter modes. Simply fill out the form (from our main web page) and mail to LDG or e-mail the form to the special AT-1000Pro upgrade e-mail address: AT1000ProUpgrade@... and you will receive a FREE upgrade chip.

Dwayne Kincaid
LDG

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 9.0.851 / Virus Database: 271.1.1/3089 - Release Date: 08/23/10 02:35:00

[Non-text portions of this message have been removed]

4345. RE: [LDG-auto-tuners] AT-1000Pro Upgrade

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-08-24 11:21:20 UTC
From: Larry stowell
Topic: 4342 Message: 4345

Dwayne

What great customer support. All questions have been answered very promptly and now this, outstanding.

Thank You
Larry K1ZW

-----Original Message-----
From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Jimmy
(WB8NB)
Sent: Monday, August 23, 2010 7:26 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] AT-1000Pro Upgrade

This is very good news for me. Thank you very much Dwayne. I hope this will fix all.
DE Jimmy (WB8NBI)

From: Dwayne
Sent: Monday, August 23, 2010 6:09 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] AT-1000Pro Upgrade

LDG has announced the FREE AT-1000Pro Upgrade program. All owners (new and used) are eligible. The
upgrade includes updated tuning algorithms and the addition of Peak and Average meter modes. Simply
fill out the form (from our main web page) and mail to LDG or e-mail the form to the special
AT-1000Pro upgrade e-mail address: AT1000ProUpgrade@... and you will receive a FREE upgrade chip.

Dwayne Kincaid
LDG

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 9.0.851 / Virus Database: 271.1.1/3089 - Release Date: 08/23/10 02:35:00

[Non-text portions of this message have been removed]

Yahoo! Groups Links

4346. Re: AT-1000Pro Upgrade

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-08-24 11:25:31 UTC
From: nt4om@att.net
Topic: 4342 Message: 4346

Now that is what I call Good Customer Relations. Thanks LDG...I have emailed my form. I absolutely love this tuner. It proved to be faster and found more reliable matches than another "3 letter named" auto tuner I borrowed from a friend.

Tom - NT4OM
"Never Trust 4 Old Men"
"May All Your Signals Be Rare DX"

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
> LDG has announced the FREE AT-1000Pro Upgrade program. All owners (new and used) are eligible. The upgrade includes updated tuning algorithms and the addition of Peak and Average meter modes. Simply fill out the form (from our main web page) and mail to LDG or e-mail the form to the special AT-1000Pro upgrade e-mail address: AT1000ProUpgrade@... and you will receive a FREE upgrade chip.
>
> Dwayne Kincaid
> LDG
>

4347. Re: AT-1000Pro Upgrade

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-08-25 13:29:40 UTC
From: vk5zuc
Topic: 4342 Message: 4347

Bravo Dwayne
The email is away.
Andrew

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
> LDG has announced the FREE AT-1000Pro Upgrade program. All owners (new and used) are eligible. The upgrade includes updated tuning algorithms and the addition of Peak and Average meter modes. Simply fill out the form (from our main web page) and mail to LDG or e-mail the form to the special AT-1000Pro upgrade e-mail address: AT1000ProUpgrade@... and you will receive a FREE upgrade chip.
>
> Dwayne Kincaid
> LDG
>

4348. Re: [LDG-auto-tuners] Re: AT-1000Pro Upgrade

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-08-25 13:34:31 UTC
From: CT2FZI IM58KR
Topic: 4342 Message: 4348

Hello everyone,

I don't use the AT-1000Pro, but I sure have to say something about LDG and Dwayne:

The best. Period.

I will never stop using LDG products, in fact I am always looking for discontinued products because they are so good, so useful in my station and so rare!

73 de Luis, CT2FZI

http://www.ct2fzi.net

On 25 August 2010 14:29, vk5zuc <vk5zuc@...> wrote:

>
>
> Bravo Dwayne
> The email is away.
> Andrew
>
> --- In LDG-auto-tuners@yahoogroups.com <LDG-auto-tuners%40yahoogroups.com>,
> "Dwayne" <ldgyahoo@...> wrote:
> >
> > LDG has announced the FREE AT-1000Pro Upgrade program. All owners (new
> and used) are eligible. The upgrade includes updated tuning algorithms and
> the addition of Peak and Average meter modes. Simply fill out the form (from
> our main web page) and mail to LDG or e-mail the form to the special
> AT-1000Pro upgrade e-mail address: AT1000ProUpgrade@... and you will
> receive a FREE upgrade chip.
> >
> > Dwayne Kincaid
> > LDG
> >
>
>
>

[Non-text portions of this message have been removed]

4349. Re: AT-1000Pro Upgrade (discontinued products note)

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-08-26 21:47:47 UTC
From: kav246
Topic: 4342 Message: 4349

"" in fact I am always looking for discontinued products because they are so good, so useful in my station and so rare!

73 de Luis, CT2FZI""

Too right they're rare. I can't even find the one that just sold on Ebay in completed items. Its like it never existed!

But LDG please take note, a DAMAGED RT11 just fetched something like £150!!!!

Was there a good reason for discontinuing that model?

Kav

4350. Modification to AT-600 Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-08-31 17:01:18 UTC
From: ltw_1937
Topic: 4350 Message: 4350

I have a AT-600 Pro and am well satisfied with it. I want to start using it with MARS ALE. When I have the transmit set up with low SWR on a frequency, some of the other frequencies in my receive scan are severely attenuated. To solve this problem, I need to be able to go to a bypass mode under computer command when receive scanning and then return to auto mode under compute command when ready to transmit.

The bottom line is I need a simple remote function of the tune button for momentarily closure.

NO I have not discussed with LDG and Yes I know I can do this with the discontinued PC control version of the tuner and would be interested in locating one of those.

Appreciate any help. Larry K4LLQ/ AAT3PY.

4351. Re: Modification to AT-600 Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-09-01 00:54:12 UTC
From: Dwayne
Topic: 4350 Message: 4351

Hello Larry,

The ring on the radio interface on the back should give you what you want. The ring mirrors the tune switch on the front panel. So if you ground that for about 0.5 seconds (or less), it will put the tuner in bypass.

Then once comms are established, you can tune at the desired freq.

The 200PC have been discontinued, but there are plenty available. Try www.cheapham.com for about $160.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "ltw_1937" <aat3py@...> wrote:
>
> I have a AT-600 Pro and am well satisfied with it. I want to start using it with MARS ALE. When I have the transmit set up with low SWR on a frequency, some of the other frequencies in my receive scan are severely attenuated. To solve this problem, I need to be able to go to a bypass mode under computer command when receive scanning and then return to auto mode under compute command when ready to transmit.
>
> The bottom line is I need a simple remote function of the tune button for momentarily closure.
>
> NO I have not discussed with LDG and Yes I know I can do this with the discontinued PC control version of the tuner and would be interested in locating one of those.
>
> Appreciate any help. Larry K4LLQ/ AAT3PY.
>

4353. Re: [LDG-auto-tuners] Modification to AT-600 Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-09-01 02:03:47 UTC
From: N2CKH
Topic: 4350 Message: 4353

Hi Larry,

I know things are heating up in Army MARS with
ALE and many are just getting started. The support forum for MARS-ALE is:

http://groups.yahoo.com/group/MARS-ALE/

Although the AT200PC would be a much better
choice for ALE as it was designed with ALE in
mind, you can control any of the PRO series
tuners for BYPASS when needed in MARS-ALE where
upon the next TX state the tuner will automatically exit BYPASS.

You must first be sure that the tuner has been
trained for the frequencies being used and that
your antenna is relatively stable in all WX
conditions as there is little margin for
elongated re-tuning cycles with the PRO tuners
whereas with the AT-200PC the tuner is preset to
the last know state for frequency from memory by
MARS-ALE before any RF which shortens any needed
re-tuning if the antenna system characteristics
vary. I also recommend using a value of 1..3 in
ATU Tune Words to generate a short, low RF tune
tone prior to ALE data being sent.

You need to select ATU Type LDG PRO and enter the
serial port for ATU com port. You do not need to
enter the value for DTR BYPASS as its preset by selecting LDG PRO.

If for some reason you have timing issues then
select RS232 LINES for ATU Type and play with
entering values for DTR BYPASS in milliseconds.

Lastly you need to specify for each channel the
ATU will be active using either CHANNEL ADD or
CHANNEL MODIFY by checking ATU Enable or not.

Here is a simple circuit for PRO model
interfacing, many approaches can be taken but this one is pretty simple:

http://www.n2ckh.com/MARS_ALE_FORUM/ldg_radio_port_DTR_reed_relay_circuit.jpg

Here are docs on using the DTSx switches if you
also want to switch between NVIS and Skywave antenna.

http://www.n2ckh.com/MARS_ALE_FORUM/LDG_DTS4_DTS6.pdf

Here are the docs on using the AT200PC, the preferred choice in my book.

http://www.n2ckh.com/MARS_ALE_FORUM/AT200PC.pdf

/s/ Steve, N2CKH

At 01:01 PM 8/31/2010, you wrote:
>
>
>I have a AT-600 Pro and am well satisfied with
>it. I want to start using it with MARS ALE. When
>I have the transmit set up with low SWR on a
>frequency, some of the other frequencies in my
>receive scan are severely attenuated. To solve
>this problem, I need to be able to go to a
>bypass mode under computer command when receive
>scanning and then return to auto mode under
>compute command when ready to transmit.
>
>The bottom line is I need a simple remote
>function of the tune button for momentarily closure.
>
>NO I have not discussed with LDG and Yes I know
>I can do this with the discontinued PC control
>version of the tuner and would be interested in locating one of those.
>
>Appreciate any help. Larry K4LLQ/ AAT3PY.
>
>

[Non-text portions of this message have been removed]

4354. Help needed...RF getting into tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-09-01 22:37:04 UTC
From: andrewthall
Topic: 4354 Message: 4354

I am running an IC-7000 into an AT-200Pro in my truck. On 40 meters, after I get the tuner to tune up, my RF wakes up the tuner and it starts going crazy. The antenna is a Texas Bug Catcher. I never experienced this problem when I was running a Kenwood TS-480 with its built-in tuner.

Any help would be greatly appreciated.

Andrew Thall, K2OO

4355. Re: [LDG-auto-tuners] Help needed...RF getting into tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-09-02 01:29:04 UTC
From: Howard Bingham
Topic: 4354 Message: 4355

At 05:37 PM 9/1/2010, andrewthall wrote:
>I am running an IC-7000 into an AT-200Pro in my truck. On 40
>meters, after I get the tuner to tune up, my RF wakes up the tuner
>and it starts going crazy. The antenna is a Texas Bug Catcher. I
>never experienced this problem when I was running a Kenwood TS-480
>with its built-in tuner.
>
>Any help would be greatly appreciated.
>
>Andrew Thall, K2OO
--

Sounds exactly like what I experienced with my AT-200Pro with a Yaesu FT-857D, but with a different make of antenna, sent the tuner in to factory after many trials with new coax & different antennas, LDG could not re-create my complaint at the factory, but AT-200Pro was returned with a replaced diode (IIRC)..

Is your coax dated..?

I changed coax from RG-58 to RG-8x, ran it straight to a proven & previously used antenna & get SWR of 1.2:1 without the tuner (But with an old Heath SWR/Power bridge in-line) on 6 & 10 meters.. The tuner is still in the box, haven't found any need for it.. Antenna Hustler Resonator long mast on spring with 10m resonator (Mast is resonant on 6 M)...

Made several QSO's on recent 10-10 Summer QSO Party while mobile.

Howard Bingham
KE5APJ

--

4356. Re: Help needed...RF getting into tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-09-02 18:57:23 UTC
From: zl1ujg
Topic: 4354 Message: 4356

I had a problem with RF in the outside shack. Fixed, not mobile!
I bonded everything together with short leads. Made sure the PSU negative was grounded to the chassis. Used ferrites on the supply cables. And ran a local earth.
Problem solved. Can use the PC simulataneously with RF out

With a mobile, depending on placement of seperate units, the earth bonding may not be good. There may be RF on the outside of the coax say between the Rig and ATU, so ferrites may help. And check local bonding of units to chassis.

Good luck

Kevin
ZL1UJG

4357. older AT-100pro tuner mounting position

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-09-06 12:56:53 UTC
From: KB1PFL
Topic: 4357 Message: 4357

Hi guys I was wondering if there woud be any problems mounting the at100 pro on its side i'm puting my station in a go kit and space is a premium would there be any problems with relays on there side over time?thanks.73' Jim KB1PFL

4358. AT200Pro For Sale

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-09-06 18:25:45 UTC
From: Deliboy
Topic: 4358 Message: 4358

The tuner is about 1 1/2 yrs old, works great. Only has 100 watts through it. Selling because I have now have am amp.
Price is $175 shipped with insurance by UPS. Payment by paypal(no Fee) or USPS Money order.
Thanks
Skip
NC2T

4359. Re: AT-1000Pro Upgrade

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-09-09 19:34:37 UTC
From: Dwayne
Topic: 4342 Message: 4359

Just a quick update to this. We have most of the requests processed and the first chips should be arriving shortly.

Be sure to down load the new manual from the web site as some of the functions have changed.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "" <ldgyahoo@...> wrote:
>
> LDG has announced the FREE AT-1000Pro Upgrade program. All owners (new and used) are eligible. The upgrade includes updated tuning algorithms and the addition of Peak and Average meter modes. Simply fill out the form (from our main web page) and mail to LDG or e-mail the form to the special AT-1000Pro upgrade e-mail address: AT1000ProUpgrade@... and you will receive a FREE upgrade chip.
>
> Dwayne Kincaid
> LDG
>

4360. Re: AT-1000Pro Upgrade

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-09-11 23:00:15 UTC
From: lostfrogsrecords
Topic: 4342 Message: 4360

Thanks!

My chip arrived in the mail today.

You folks are -the best-!

Dave KI4PSR

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
> Just a quick update to this. We have most of the requests processed and the first chips should be arriving shortly.
>
> Be sure to down load the new manual from the web site as some of the functions have changed.
>
> Dwayne Kincaid
> LDG
>
> --- In LDG-auto-tuners@yahoogroups.com, "" ldgyahoo@ wrote:
> >
> > LDG has announced the FREE AT-1000Pro Upgrade program. All owners (new and used) are eligible. The upgrade includes updated tuning algorithms and the addition of Peak and Average meter modes. Simply fill out the form (from our main web page) and mail to LDG or e-mail the form to the special AT-1000Pro upgrade e-mail address: AT1000ProUpgrade@ and you will receive a FREE upgrade chip.
> >
> > Dwayne Kincaid
> > LDG
> >
>

4361. Re: [LDG-auto-tuners] Re: AT-1000Pro Upgrade

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-09-11 23:20:30 UTC
From: Jimmy (WB8NB)
Topic: 4342 Message: 4361

I also received my upgrade and it took care of the problem I was having. Thanks Dwayne.
DE Jimmy (WB8NBI)

From: lostfrogsrecords
Sent: Saturday, September 11, 2010 7:00 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: AT-1000Pro Upgrade

Thanks!

My chip arrived in the mail today.

You folks are -the best-!

Dave KI4PSR

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
> Just a quick update to this. We have most of the requests processed
and the first chips should be arriving shortly.
>
> Be sure to down load the new manual from the web site as some of the
functions have changed.
>
> Dwayne Kincaid
> LDG

[Non-text portions of this message have been removed]

4362. Re: AT-1000Pro Upgrade

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-09-12 00:50:39 UTC
From: dougm737@sbcglobal.net
Topic: 4342 Message: 4362

Thanks for the upgrade. Arrived today and will install shortly.

4363. RE: [LDG-auto-tuners] Re: AT-1000Pro Upgrade

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-09-11 22:40:54 UTC
From: Larry stowell
Topic: 4342 Message: 4363

Dwayne & Evelyn

Thank you I just received the chip great service!!!!

73 Larry K1ZW

-----Original Message-----
From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Dwayne
Sent: Thursday, September 09, 2010 3:35 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: AT-1000Pro Upgrade

Just a quick update to this. We have most of the requests processed and the first chips should be
arriving shortly.

Be sure to down load the new manual from the web site as some of the functions have changed.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "" <ldgyahoo@...> wrote:
>
> LDG has announced the FREE AT-1000Pro Upgrade program. All owners (new and used) are eligible.
The upgrade includes updated tuning algorithms and the addition of Peak and Average meter modes.
Simply fill out the form (from our main web page) and mail to LDG or e-mail the form to the special
AT-1000Pro upgrade e-mail address: AT1000ProUpgrade@... and you will receive a FREE upgrade chip.
>
> Dwayne Kincaid
> LDG
>

Yahoo! Groups Links

4364. Re: AT-1000Pro Upgrade

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-09-13 15:29:36 UTC
From: ei4jr
Topic: 4342 Message: 4364

Hi LDG Team
Thank you I just received and fitted the chip and all is woking great. What a fantastic service!!!!
Regards
Peter EI4JR

> From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Dwayne
> Sent: Thursday, September 09, 2010 3:35 PM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: [LDG-auto-tuners] Re: AT-1000Pro Upgrade
>
> Just a quick update to this. We have most of the requests processed and the first chips should be
> arriving shortly.
>
> Be sure to down load the new manual from the web site as some of the functions have changed.
>
> Dwayne Kincaid
> LDG
>
> --- In LDG-auto-tuners@yahoogroups.com, "" <ldgyahoo@> wrote:
> >
> > LDG has announced the FREE AT-1000Pro Upgrade program. All owners (new and used) are eligible.
> The upgrade includes updated tuning algorithms and the addition of Peak and Average meter modes.
> Simply fill out the form (from our main web page) and mail to LDG or e-mail the form to the special
> AT-1000Pro upgrade e-mail address: AT1000ProUpgrade@ and you will receive a FREE upgrade chip.
> >
> > Dwayne Kincaid
> > LDG
> >
>
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> ------------------------------------
>
> Yahoo! Groups Links
>

4365. RE: [LDG-auto-tuners] Re: AT-1000Pro Upgrade

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-09-13 02:23:18 UTC
From: John Deithloff
Topic: 4342 Message: 4365

Thanks for the note about the upgrade.
I sent in my request for the chip upgrade last week just after receiving my AT-1000Pro.
I'll look forward to receiving the chip asap.
tnx & 73, John,
de W5FFS

From: LDG-auto-tuners@yahoogroups.com
[mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Dwayne
Sent: Thursday, September 09, 2010 2:35 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: AT-1000Pro Upgrade

Just a quick update to this. We have most of the requests processed and the first chips should be arriving shortly.

Be sure to down load the new manual from the web site as some of the functions have changed.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com
<mailto:LDG-auto-tuners%40yahoogroups.com> , "" <ldgyahoo@...> wrote:
>
> LDG has announced the FREE AT-1000Pro Upgrade program. All owners (new and used) are eligible. The upgrade includes updated tuning algorithms and the addition of Peak and Average meter modes. Simply fill out the form (from our main web page) and mail to LDG or e-mail the form to the special AT-1000Pro upgrade e-mail address: AT1000ProUpgrade@... and you will receive a FREE upgrade chip.
>
> Dwayne Kincaid
> LDG
>

[Non-text portions of this message have been removed]

4366. RT-11 continued...

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-09-13 19:05:47 UTC
From: Jacob Tennant
Topic: 4366 Message: 4366

I have also found that if I try to tune a antenna I get different results everytime I try to tune it.

For example, I have a dipole hand tuned with a MFJ analyzer for 1:1 @ 7.300Mhz also shows 1:1 on my FT-450. When I hook the RT-11 inline it can only tune the dipole to 2:1 at best.

Each additional tuning cycle produces a different swr reading but never get a 1:1 reading that should be there very easy.

Could the chip be outdated or bad? What was the last or latest version firmware?

I looked inside the case and nothing appears to be bad or burnt.

Jake - K8JWT

Sent from my iPho

4367. IT-100 and Tuning indicator on Icom 7000

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-09-13 18:49:58 UTC
From: robertlstarr
Topic: 4367 Message: 4367

Hi All, I have an IT-100 tuner that works great with both my Icom 706mkiig and my Icom 7000 with one difference. When tuning out of the "Tuned" frequency range or band, the Icom 706mkiig must (I assume) send a signal to the IT-100 that drops the tuner out of the antenna circuit automatically. The 706mkiig tuner light goes off and the IT-100 Tuning red lights blinks as it goes off-line. This happens each time the 706mkiig is tuned out of the previously tuned band.

The Icom 7000 never (again assumed) sends a signal that the transceiver has been tuned out of range unless the 7000 is switched to VHF or UHF frequencies. Only then will the IT-100 acknowledge the frequency is out-of-range and drop the IT-100 out of the antenna circuit. I am aware that this behavior is described in the IT-100 manual but the 706mkiig seems to be more advanced in dropping the tuner out when out of a previously tuned range!

Is this normal?

Thanks for any help or suggestions!

Bob

4368. RT-11 troubles

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-09-13 18:37:43 UTC
From: Jacob Tennant
Topic: 4368 Message: 4368

I have a used RT-11 that seems to be tuning incorrectly as it shows that my swr is under 1.5:1 but the radio indicates a 3:1 swr?

Jake K8JWT

Sent from my iPhone

4369. Re: [LDG-auto-tuners] RT-11 continued...

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-09-13 22:40:15 UTC
From: Jimmy (WB8NB)
Topic: 4366 Message: 4369

I have found that tuners do funny things when you try to tune into a good SWR or less than 1.2to1. You do not need the tuner with that low SWR just bypass it and go on.
DE Jimmy (WB8NBI)

From: Jacob Tennant
Sent: Monday, September 13, 2010 3:05 PM
To: LDG-auto-tuners Moderator
Subject: [LDG-auto-tuners] RT-11 continued...

I have also found that if I try to tune a antenna I get different results everytime I try to tune it.

For example, I have a dipole hand tuned with a MFJ analyzer for 1:1 @ 7.300Mhz also shows 1:1 on my FT-450. When I hook the RT-11 inline it can only tune the dipole to 2:1 at best.

Each additional tuning cycle produces a different swr reading but never get a 1:1 reading that should be there very easy.

Could the chip be outdated or bad? What was the last or latest version firmware?

I looked inside the case and nothing appears to be bad or burnt.

Jake - K8JWT

Sent from my iPho

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 9.0.851 / Virus Database: 271.1.1/3132 - Release Date: 09/13/10 02:35:00

[Non-text portions of this message have been removed]

4370. RE: [LDG-auto-tuners] RT-11 continued...

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-09-13 22:45:12 UTC
From: David Murman
Topic: 4366 Message: 4370

Why are you trying to use a tuner when the antenna is already 1:1. Your driving the tuner crazy.

David

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Jacob Tennant
Sent: Monday, September 13, 2010 2:06 PM
To: LDG-auto-tuners Moderator
Subject: [LDG-auto-tuners] RT-11 continued...

I have also found that if I try to tune a antenna I get different results everytime I try to tune it.

For example, I have a dipole hand tuned with a MFJ analyzer for 1:1 @ 7.300Mhz also shows 1:1 on my FT-450. When I hook the RT-11 inline it can only tune the dipole to 2:1 at best.

Each additional tuning cycle produces a different swr reading but never get a 1:1 reading that should be there very easy.

Could the chip be outdated or bad? What was the last or latest version firmware?

I looked inside the case and nothing appears to be bad or burnt.

Jake - K8JWT

Sent from my iPho

[Non-text portions of this message have been removed]

4371. Re: [LDG-auto-tuners] RT-11 continued...

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-09-13 23:42:46 UTC
From: Jacob Tennant
Topic: 4366 Message: 4371

I understand that with a antenna with a 1:1 SWR a tuner is not needed, it was just a reference as to what appears to be the problems I am having with my tuner as a 1:1 SWR antenna should be simple for the tuner to match up but it takes a full 8 to 10 seconds before the tuner stops tuning and even then it takes a 1:1 SWR tuned antenna and turns it into a antenna that is not 1:1SWR.

The other reason for this demostration is that it seems that the tuner is not reading the antenna properly as I also have a YT-100 for my FT-857D. I connected the FT-857D/YT-100 to a simple 10 meter dipole that I had check and knew it to be about a 4:1 SWR at 28.400Mhz. The YT-100 matched it down to 1:1 SWR in just a few seconds. The RT-11 with my FT-450 tuning the same way as the FT-857D package (10 watts in AM) never got the same antenna at the same frequency to tune any better that the 2:1 SWR I started out with. I tried 5 tuning cycles with the RT-11 and got 5 different SWR levels.

Could this be a problem with the processor chip or something else?

I also noticed that the RT-11 will not tune antennas that are above approx. 3:1 SWR unlike my YT-100 which has tuned antennas of up to 9:1 SWR and got them down to a useable level with only one tuning cycle.

Just trying to figure out if this RT-11 is a lost cause of is it worth sending out for repair as I only have $75.00 invested in it so far, not counting the remote head for $25.00 from W4RT.COM

Jacob Tennant - K8JWT
On Sep 13, 2010, at 6:40 PM, Jimmy (WB8NB) wrote:

> I have found that tuners do funny things when you try to tune into a good SWR or less than 1.2to1. You do not need the tuner with that low SWR just bypass it and go on.
> DE Jimmy (WB8NBI)
>
>
> From: Jacob Tennant
> Sent: Monday, September 13, 2010 3:05 PM
> To: LDG-auto-tuners Moderator
> Subject: [LDG-auto-tuners] RT-11 continued...
>
>
>
> I have also found that if I try to tune a antenna I get different results everytime I try to tune it.
>
> For example, I have a dipole hand tuned with a MFJ analyzer for 1:1 @ 7.300Mhz also shows 1:1 on my FT-450. When I hook the RT-11 inline it can only tune the dipole to 2:1 at best.
>
> Each additional tuning cycle produces a different swr reading but never get a 1:1 reading

that should be there very easy.
>
> Could the chip be outdated or bad? What was the last or latest version firmware?
>
> I looked inside the case and nothing appears to be bad or burnt.
>
> Jake - K8JWT
>
> Sent from my iPho
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>
> No virus found in this incoming message.
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>
> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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4372. Re: [LDG-auto-tuners] RT-11 continued...

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-09-14 13:12:47 UTC
From: Charles Scott
Topic: 4366 Message: 4372

Jacob:

It may be that you have a problem with your RT-11. If so, it's most likely relays. Burned relay contacts could certainly make the unit erratic. If you bought it used (it seems that way) it could be that it was abused and then the person couldn't get it working correctly so they sold it. It's not that hard to replace the relays if that's what it is.

There's also an adjustment that needs to be set to (I believe) set reflected power balance or some such thing. I would think though that if that's a bit out of whack that you'd still get somewhat consistent readings.

Also, the tuner should be fine with a 1:1 load. It may not give you exactly the same reading after it tuned, but should be pretty close.

Chuck

On 9/13/2010 7:42 PM, Jacob Tennant wrote:
> I understand that with a antenna with a 1:1 SWR a tuner is not needed, it was just a reference as to what appears to be the problems I am having with my tuner as a 1:1 SWR antenna should be simple for the tuner to match up but it takes a full 8 to 10 seconds before the tuner stops tuning and even then it takes a 1:1 SWR tuned antenna and turns it into a antenna that is not 1:1SWR.
>
> The other reason for this demostration is that it seems that the tuner is not reading the antenna properly as I also have a YT-100 for my FT-857D. I connected the FT-857D/YT-100 to a simple 10 meter dipole that I had check and knew it to be about a 4:1 SWR at 28.400Mhz. The YT-100 matched it down to 1:1 SWR in just a few seconds. The RT-11 with my FT-450 tuning the same way as the FT-857D package (10 watts in AM) never got the same antenna at the same frequency to tune any better that the 2:1 SWR I started out with. I tried 5 tuning cycles with the RT-11 and got 5 different SWR levels.
>
> Could this be a problem with the processor chip or something else?
>
> I also noticed that the RT-11 will not tune antennas that are above approx. 3:1 SWR unlike my YT-100 which has tuned antennas of up to 9:1 SWR and got them down to a useable level with only one tuning cycle.
>
> Just trying to figure out if this RT-11 is a lost cause of is it worth sending out for repair as I only have $75.00 invested in it so far, not counting the remote head for $25.00 from W4RT.COM
>
> Jacob Tennant - K8JWT
> On Sep 13, 2010, at 6:40 PM, Jimmy (WB8NB) wrote:

4373. Re: [LDG-auto-tuners] RT-11 continued...

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-09-14 12:05:45 UTC
From: Jimmy (WB8NB)
Topic: 4366 Message: 4373

Auto tuner that is trying to tune a 1:1 SWR will just go crazy and never find a match because there is no miss match for it to work on. It just keeps looking for one. I would check LDG web sight and see if they have a update chip for the RT-11.
DE Jimmy (WB8NBI)

From: Jacob Tennant
Sent: Monday, September 13, 2010 7:42 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] RT-11 continued...

I understand that with a antenna with a 1:1 SWR a tuner is not needed, it was just a reference as to what appears to be the problems I am having with my tuner as a 1:1 SWR antenna should be simple for the tuner to match up but it takes a full 8 to 10 seconds before the tuner stops tuning and even then it takes a 1:1 SWR tuned antenna and turns it into a antenna that is not 1:1SWR.

The other reason for this demostration is that it seems that the tuner is not reading the antenna properly as I also have a YT-100 for my FT-857D. I connected the FT-857D/YT-100 to a simple 10 meter dipole that I had check and knew it to be about a 4:1 SWR at 28.400Mhz. The YT-100 matched it down to 1:1 SWR in just a few seconds. The RT-11 with my FT-450 tuning the same way as the FT-857D package (10 watts in AM) never got the same antenna at the same frequency to tune any better that the 2:1 SWR I started out with. I tried 5 tuning cycles with the RT-11 and got 5 different SWR levels.

Could this be a problem with the processor chip or something else?

I also noticed that the RT-11 will not tune antennas that are above approx. 3:1 SWR unlike my YT-100 which has tuned antennas of up to 9:1 SWR and got them down to a useable level with only one tuning cycle.

Just trying to figure out if this RT-11 is a lost cause of is it worth sending out for repair as I only have $75.00 invested in it so far, not counting the remote head for $25.00 from W4RT.COM

Jacob Tennant - K8JWT
On Sep 13, 2010, at 6:40 PM, Jimmy (WB8NB) wrote:

> I have found that tuners do funny things when you try to tune into a good SWR or less than 1.2to1. You do not need the tuner with that low SWR just bypass it and go on.
> DE Jimmy (WB8NBI)
>
>
> From: Jacob Tennant
> Sent: Monday, September 13, 2010 3:05 PM
> To: LDG-auto-tuners Moderator
> Subject: [LDG-auto-tuners] RT-11 continued...
>

>
>
> I have also found that if I try to tune a antenna I get different results everytime I try to tune it.
>
> For example, I have a dipole hand tuned with a MFJ analyzer for 1:1 @ 7.300Mhz also shows 1:1 on my FT-450. When I hook the RT-11 inline it can only tune the dipole to 2:1 at best.
>
> Each additional tuning cycle produces a different swr reading but never get a 1:1 reading that should be there very easy.
>
> Could the chip be outdated or bad? What was the last or latest version firmware?
>
> I looked inside the case and nothing appears to be bad or burnt.
>
> Jake - K8JWT
>
> Sent from my iPho
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> [Non-text portions of this message have been removed]
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Version: 9.0.851 / Virus Database: 271.1.1/3132 - Release Date: 09/13/10 02:35:00

[Non-text portions of this message have been removed]

4374. Re: [LDG-auto-tuners] RT-11 continued...

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-09-14 21:03:10 UTC
From: Howard Bingham
Topic: 4366 Message: 4374

At 08:12 AM 9/14/2010, you wrote:

>Jacob:
>
>It may be that you have a problem with your RT-11. If so, it's most
>likely relays. Burned relay contacts could certainly make the unit
>erratic. If you bought it used (it seems that way) it could be that it
>was abused and then the person couldn't get it working correctly so they
>sold it. It's not that hard to replace the relays if that's what it is.
>
>There's also an adjustment that needs to be set to (I believe) set
>reflected power balance or some such thing. I would think though that if
>that's a bit out of whack that you'd still get somewhat consistent
>readings.
>
>Also, the tuner should be fine with a 1:1 load. It may not give you
>exactly the same reading after it tuned, but should be pretty close.
>
>Chuck

--

To me, an SWR/Power meter is of better use in trouble shooting
problems, rather than trying to make an antenna tuner soothe out the issues..!

After LDG could not replicate problems I was having, I simply slipped
in an old Heathkit SWR/Power meter where the tuner once was, seems I
get better performance & a true metered SWR reading, rather than an
array of flashing lights that are next to impossible to monitor while driving..

Howard Bingham

PS: Anyone want an LDG-AT200Pro...? Will trade for any ham equipment
of value (Up to $ 200.00 worth), the tuner was LDG serviced & had
diode replaced, but is still in shipping box, has not been used since service.)

--

>On 9/13/2010 7:42 PM, Jacob Tennant wrote:
> > I understand that with a antenna with a 1:1 SWR a tuner is not
> needed, it was just a reference as to what appears to be the
> problems I am having with my tuner as a 1:1 SWR antenna should be
> simple for the tuner to match up but it takes a full 8 to 10
> seconds before the tuner stops tuning and even then it takes a 1:1
> SWR tuned antenna and turns it into a antenna that is not 1:1SWR.
> >
> > The other reason for this demostration is that it seems that the

> tuner is not reading the antenna properly as I also have a YT-100
> for my FT-857D. I connected the FT-857D/YT-100 to a simple 10 meter
> dipole that I had check and knew it to be about a 4:1 SWR at
> 28.400Mhz. The YT-100 matched it down to 1:1 SWR in just a few
> seconds. The RT-11 with my FT-450 tuning the same way as the
> FT-857D package (10 watts in AM) never got the same antenna at the
> same frequency to tune any better that the 2:1 SWR I started out
> with. I tried 5 tuning cycles with the RT-11 and got 5 different SWR levels.
> >
> > Could this be a problem with the processor chip or something else?
> >
> > I also noticed that the RT-11 will not tune antennas that are
> above approx. 3:1 SWR unlike my YT-100 which has tuned antennas of
> up to 9:1 SWR and got them down to a useable level with only one tuning cycle.
> >
> > Just trying to figure out if this RT-11 is a lost cause of is it
> worth sending out for repair as I only have $75.00 invested in it
> so far, not counting the remote head for $25.00 from W4RT.COM
> >
> > Jacob Tennant - K8JWT
> > On Sep 13, 2010, at 6:40 PM, Jimmy (WB8NB) wrote:
--

4375. Re: [LDG-auto-tuners] RT-11 continued...

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-09-14 21:25:53 UTC
From: Charles Scott
Topic: 4366 Message: 4375

Howard:

You do realize that an SWR/Power meter does not do the same thing as a tuner, right?

You say you replaced a tuner with an SWR/Power meter and that was better. So you already had a tuned antenna then, right?

What we're talking about is a malfunctioning tuner. Not sure why replacing that with something that's not a tuner would help.

Chuck - N8DNX

On 9/14/2010 5:03 PM, Howard Bingham wrote:
> At 08:12 AM 9/14/2010, you wrote:
>
>> Jacob:
>>
>> It may be that you have a problem with your RT-11. If so, it's most
>> likely relays. Burned relay contacts could certainly make the unit
>> erratic. If you bought it used (it seems that way) it could be that it
>> was abused and then the person couldn't get it working correctly so they
>> sold it. It's not that hard to replace the relays if that's what it is.
>>
>> There's also an adjustment that needs to be set to (I believe) set
>> reflected power balance or some such thing. I would think though that if
>> that's a bit out of whack that you'd still get somewhat consistent
>> readings.
>>
>> Also, the tuner should be fine with a 1:1 load. It may not give you
>> exactly the same reading after it tuned, but should be pretty close.
>>
>> Chuck
> --
>
> To me, an SWR/Power meter is of better use in trouble shooting
> problems, rather than trying to make an antenna tuner soothe out the issues..!
>
> After LDG could not replicate problems I was having, I simply slipped
> in an old Heathkit SWR/Power meter where the tuner once was, seems I
> get better performance& a true metered SWR reading, rather than an
> array of flashing lights that are next to impossible to monitor while driving..
>
> Howard Bingham
>
>

4376. Re: [LDG-auto-tuners] RT-11 continued...

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-09-15 00:06:07 UTC
From: Jacob Tennant
Topic: 4366 Message: 4376

OK, after I got home from work and read Chucks reply I got brave and dis-assembled my RT-11 as best I could since my supply of tiny tools is limited.

Upon opening the case there is no smell of burnt electrical parts and no visible signs of any burn marks anywhere on the board that I can see on either side.

The main processor chip is marked RT 1.3A and I am assuming that is the version number and have a email out to LDG tech support to see if there is any newer versions available as I have a friend with a chip burner at his work site that said he could burn me a new one if I can just download the firmware instead of shipping out my chip and losing my auto-tuner for the time in shipping.

I did notice marked on the PCB for TP1 and TP2 with variable resistors beside them and was wondering where to find a schematic and or service manual for this unit as there is also a variable capacitor near the TP's.

Don't be alarmed as I am not going to try to tinker with this unit much without the help of my trusted ham electronics guru aka. retired professor of Aerospace Engineering and general go-to guy for all things electronic.

Any ideas???

Jacob Tennant - K8JWT

On Sep 14, 2010, at 9:12 AM, Charles Scott wrote:

>
> Jacob:
>
> It may be that you have a problem with your RT-11. If so, it's most
> likely relays. Burned relay contacts could certainly make the unit
> erratic. If you bought it used (it seems that way) it could be that it
> was abused and then the person couldn't get it working correctly so they
> sold it. It's not that hard to replace the relays if that's what it is.
>

4377. Re: RT-11 continued...

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-09-15 10:58:23 UTC
From: Ken
Topic: 4366 Message: 4377

Just for fun.. try tuning your dummy load..

One evening I forgot to switch from my dummy load to antenna and pressed the tune button on my IC-7000.. well my Z11pro sure didn't like it.. was not able to tune at all.. tried a bit then stopped and the tune indicator on the radio went out.

On my antenna I never have a problem.. it is not any where near 1:1 on any frequency.. The tuner works great, tuning my crappy wire from 160 -6 meters.. and it gets out amazingly good.

73 - Ken - VE5KC
- http://amateur-radio.ca

--- In LDG-auto-tuners@yahoogroups.com, "Jimmy \(WB8NB\)" <wb8nbi@...> wrote:
>
> Auto tuner that is trying to tune a 1:1 SWR will just go crazy and never find a match because there is no miss match for it to work on. It just keeps looking for one. I would check LDG web sight and see if they have a update chip for the RT-11.
> DE Jimmy (WB8NBI)
>
>

4378. Re: [LDG-auto-tuners] Re: RT-11 continued...

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-09-15 11:40:54 UTC
From: Jacob Tennant
Topic: 4366 Message: 4378

Well last night I got brave and pulled all of the chips out of my RT-11 and using contact cleaner and a q-tip to clean all of the contacts and it did make a big difference as now the tuner is functioning much better.

Still not tuning some bands on my 80 meter dipole but does much better than before.

Only thing ia it will not tune the dipole to a usable level on 40 meters.

Go figure...

Jacob Tennant - K8JWT

Sent from my iPhone

On Sep 15, 2010, at 6:58 AM, "Ken" <ve5kc@...> wrote:

>
>
> Just for fun.. try tuning your dummy load..
>
> One evening I forgot to switch from my dummy load to antenna and pressed the tune button on my IC-7000.. well my Z11pro sure didn't like it.. was not able to tune at all.. tried a bit then stopped and the tune indicator on the radio went out.
>
> On my antenna I never have a problem.. it is not any where near 1:1 on any frequency.. The tuner works great, tuning my crappy wire from 160 -6 meters.. and it gets out amazingly good.
>
> 73 - Ken - VE5KC
> - http://amateur-radio.ca
>
> --- In LDG-auto-tuners@yahoogroups.com, "Jimmy \(WB8NB\)" <wb8nbi@...> wrote:
>>
>> Auto tuner that is trying to tune a 1:1 SWR will just go crazy and never find a match because there is no miss match for it to work on. It just keeps looking for one. I would check LDG web sight and see if they have a update chip for the RT-11.
>> DE Jimmy (WB8NBI)
>>
>>
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4379. Re: AT-1000Pro Upgrade

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-09-15 13:19:15 UTC
From: Murf
Topic: 4342 Message: 4379

My hat is off to the LDG team! I got my upgrade about 2 weeks from sending in the form.. all I can say is WOW! Super fast tuning.. I about fell out of my chair the first time I tryed to load an antenna! I thought I was smoking the tuner for those relays where just a going. I Love the PEP meter reading. Might be more upgrades I am have not found yet.

Each day I get off work, I cant wait to play with my radio and tuners..

ts-480hx to LDG pro200 to ameritron Al-811h to LDG 1000 pro..
antenneas.. A3WS, A4S, Hygain Hytower, 260 foot diple fed ladder line to 1:1 then coax to shack to tuners, 1/4 top loaded 160 meter sloper, A99, 4 element for 6 meters.. and 2 empty coax connections on remote coax switch to play with. Loads every thing.. even hook a alagator clip to neighbors 10 acre eletric fence he does not use anymore.

tnx and keep up the good work!

Murf
n7uvh

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
> LDG has announced the FREE AT-1000Pro Upgrade program. All owners (new and used) are eligible. The upgrade includes updated tuning algorithms and the addition of Peak and Average meter modes. Simply fill out the form (from our main web page) and mail to LDG or e-mail the form to the special AT-1000Pro upgrade e-mail address: AT1000ProUpgrade@... and you will receive a FREE upgrade chip.
>
> Dwayne Kincaid
> LDG
>

4380. Re: [LDG-auto-tuners] Re: RT-11 continued...

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-09-15 13:46:54 UTC
From: Joe
Topic: 4366 Message: 4380

Tuning an 80 meter antenna to 40 meters would be a plus, but I would not expect it to happen. Your trying to tune a full wave dipole on 40 meters, that's a difficult thing to do.

Joe

On 9/15/2010 7:40 AM, Jacob Tennant wrote:
> Only thing ia it will not tune the dipole to a usable level on 40 meters.
>
> Go figure...
>
> Jacob Tennant - K8JWT
>

4381. Re: AT-1000Pro Upgrade

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-09-18 16:11:54 UTC
From: ka5s
Topic: 4342 Message: 4381

Add my kudos to the others. Just sent off the form. I also remember the LDG FW upgrade for rigs that fold back on transient relay SWR.

Cortland
KA5S

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
> LDG has announced the FREE AT-1000Pro Upgrade program. All owners (new and used) are eligible. The upgrade includes updated tuning algorithms and the addition of Peak and Average meter modes. Simply fill out the form (from our main web page) and mail to LDG or e-mail the form to the special AT-1000Pro upgrade e-mail address: AT1000ProUpgrade@... and you will receive a FREE upgrade chip.
>
> Dwayne Kincaid
> LDG
>

4382. Re: Remote Tune Button for AT-1000

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-09-18 16:07:03 UTC
From: ka5s
Topic: 3819 Message: 4382

Exactly what I have in mind for an AT-1000 (non-Pro) in the barn. Local power, with a twisted pair to key a relay to tune.

I can free up the AT-1000 since I just got a Pro for inside.

FWIW... have used LDG tuners from the QRP to Z100's (both kinds) and 1000's and Z100's. Nice work.

Cheers,

Cortland Richmond
KA5S

--- In LDG-auto-tuners@yahoogroups.com, "ldgelectronics" <ldgyahoo@...> wrote:
>
> Hi Mark,
>
> Yes, we've heard of people doing exactly that. Each of the push buttons is ground activated, so you can simply parallel another set of switches going to ground. You may need 0.01 uF 50 volt bypass caps on each line as well as using shielded cable.
>
> Dwayne Kincaid
> LDG
>

4383. Re: AT-1000Pro Upgrade

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-09-19 13:32:24 UTC
From: vk5zuc
Topic: 4342 Message: 4383

Hi Dwayne,
Got my chip on Friday and installed it last night.
The FAST tunning is amazing and the peak reading meter great.
However the meter/auto tune sensitivity seems reduced.
I realise that one is not really supposed to use a 1KW tuner with 5W of QRP. However I have been using a Flex 1500 at 5w to drive an amp to 350W and could tune on 5W with the linear off on the old chip. That way I could do QRP or QRO at the flick of a power swich.
Now it is intermittent on 160, 80 and 40m with nix above.
Andrew

--- In LDG-auto-tuners@yahoogroups.com, "vk5zuc" <vk5zuc@...> wrote:
>
> Bravo Dwayne
> The email is away.
> Andrew
>
> --- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@> wrote:
> >
> > LDG has announced the FREE AT-1000Pro Upgrade program. All owners (new and used) are eligible. The upgrade includes updated tuning algorithms and the addition of Peak and Average meter modes. Simply fill out the form (from our main web page) and mail to LDG or e-mail the form to the special AT-1000Pro upgrade e-mail address: AT1000ProUpgrade@ and you will receive a FREE upgrade chip.
> >
> > Dwayne Kincaid
> > LDG
> >
>

4384. Re: AT-1000Pro Upgrade

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-09-19 18:06:37 UTC
From: Murf
Topic: 4342 Message: 4384

I did notice I had to use a little more rf to get it in the auto tune mode.. I was using 5 watts.. now 10 watts. One other thing I have notice after about a week of use, is sometimes when I power the tuner down.. I have to unplug to power cord in back to fire it back up agn.. I am checking to see I it is rf from pulling out of line and pack in.
Murf

--- In LDG-auto-tuners@yahoogroups.com, "vk5zuc" <vk5zuc@...> wrote:
>
> Hi Dwayne,
> Got my chip on Friday and installed it last night.
> The FAST tunning is amazing and the peak reading meter great.
> However the meter/auto tune sensitivity seems reduced.
> I realise that one is not really supposed to use a 1KW tuner with 5W of QRP. However I have been using a Flex 1500 at 5w to drive an amp to 350W and could tune on 5W with the linear off on the old chip. That way I could do QRP or QRO at the flick of a power swich.
> Now it is intermittent on 160, 80 and 40m with nix above.
> Andrew
>
> --- In LDG-auto-tuners@yahoogroups.com, "vk5zuc" <vk5zuc@> wrote:
> >
> > Bravo Dwayne
> > The email is away.
> > Andrew
> >
> > --- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@> wrote:
> > >
> > > LDG has announced the FREE AT-1000Pro Upgrade program. All owners (new and used) are eligible. The upgrade includes updated tuning algorithms and the addition of Peak and Average meter modes. Simply fill out the form (from our main web page) and mail to LDG or e-mail the form to the special AT-1000Pro upgrade e-mail address: AT1000ProUpgrade@ and you will receive a FREE upgrade chip.
> > >
> > > Dwayne Kincaid
> > > LDG
> > >
> >
>

4385. Re: IT-100 remote indicators

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-09-19 16:54:19 UTC
From: Mort
Topic: 4321 Message: 4385

Jimmy WB8NBI and Ken VE5KC,

This is another thank you for advising me not to bother with a a remote tune indicator for the IT-100. Indeed everything is right there on MK706. After installing the tuner, everything worked just great.
Thank you again,

73,

Mort, NA6MA

--- In LDG-auto-tuners@yahoogroups.com, "Ken" <ve5kc@...> wrote:
>
> You have the necessary indicators on the radio.
>
> If tune is successful the tune indicator on the radio will lite. SWR and power out indicators on the radio will tell you things are working ok.
>
> Even though my tuner is near my radio, I find very little need to look at the LEDs on it unless I am experimenting with a new antenna. The tuner just works every time and to confirm this I see the tune indicator lite up on the radio..
>
> 73 - Ken - VE5KC
> - http://amateur-radio.ca
> - http://ham-radio.ca
>
> MM Hamsoft & MMTTY 10th Anniversary
> Sign the Guest-book @ http://mmhamsoft.amateur-radio.ca
>
>
> --- In LDG-auto-tuners@yahoogroups.com, "Mort" <marditti@> wrote:
> >
> >
> > My intended application for the IT-100 will be with an Icom 706MKIIG in
> > mobile installation. The radio is in the trunk and the tuner will be there as well. In this arrangement, the tuning status will not be visible. Since the 6 pin DIN has two unused pins, 2 & 3 I plan to carry out the tuning status of each LED through these pins, an isolation buffer and have a remote indicator next to the 706 head.
> >
> > I have some ideas how to accomplish this task. One is simple using a suitable buffer to protect the IT-100 and wires from the trunk to the 706 head. The ohter approach is more complex and uses an inexpensive wireless. The 'load' sensing the status of LDG LEDs will be 2 - 5 uA.
> >
> > Has anyone ever attempted such a task?
> >

> > Thank you.
> >
> > Mort, NA6MA
> >
>

4386. AT-1000Pro Upgrade - received & Installed --great update

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-09-21 14:37:16 UTC
From: saukp
Topic: 4342 Message: 4386

I would like to add my thanks to the folks at LDG for the AT1000pro update and the quick delivery of the chip.

All for FREE.

I Finally got a chance to install the new chip and to me the tuning processes seems so much quicker, both in search to tune and in memory to tune mode. The memory mode is soooo much quicker than before that at first i thought it wasnt working

it was working just fine.

Also the peak function is nice...this has allowed me to adjust power
going from my orion to the FL-7000 amps while talking on ssb and keep
the power level constant coming from the amp...there is no alc feedaback between the orion and fl-7000 so this is a nice added feature for me.

Once again thanks for a great job and great customer service

Paul K3SF

--- In LDG-auto-tuners@yahoogroups.com, "ka5s" <ka5s@...> wrote:
>
> Add my kudos to the others. Just sent off the form. I also remember the LDG FW upgrade for rigs that fold back on transient relay SWR.
>
> Cortland
> KA5S
>
> --- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@> wrote:
> >
> > LDG has announced the FREE AT-1000Pro Upgrade program. All owners (new and used) are eligible. The upgrade includes updated tuning algorithms and the addition of Peak and Average meter modes. Simply fill out the form (from our main web page) and mail to LDG or e-mail the form to the special AT-1000Pro upgrade e-mail address: AT1000ProUpgrade@ and you will receive a FREE upgrade chip.
> >
> > Dwayne Kincaid
> > LDG
> >
>

4387. Interface Application Note

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-09-21 16:28:16 UTC
From: Dwayne
Topic: 4387 Message: 4387

Hello all,

We've added a two page application note on interfacing to LDG tuners. It's in the "Files" section of this group.

While it does not list every way to interface to the most of the generic LDG tuners, it is a good starting point for those that need more info on what is going on.

Dwayne Kincaid
LDG

4388. LDG

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-10-01 00:19:42 UTC
From: Martin Staffa
Topic: 4388 Message: 4388

I have purchased an AT200 pro hooked it up to my TS2000 and to a fan dipole 75/160 will not tune! My ts 2000 tunes it no problem. Yes I took the auto tuner off line, any ideas thanks Martin N1KGP 73s

[Non-text portions of this message have been removed]

4389. LDG

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-10-01 17:29:31 UTC
From: Martin Staffa
Topic: 4388 Message: 4389

Is this group dead no activity, Martin N1KGP

[Non-text portions of this message have been removed]

4390. Re: LDG

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-10-02 01:29:31 UTC
From: W3FIS
Topic: 4388 Message: 4390

Well, I just took delivery on my Z-718 today for my FT-817ND and have been fooling around with it this afternoon.

Due to deed restrictions, I have to have a long wire in the attic. With my MFJ-902 "Travel Tuner," I can tune 80/40/30/20 without any problem. With the new tuner, I can't tune 80. Since the wire is "short," is it fair to assume that the LDG can't switch in enough inductance? I hate to have to run two tuners in series, and run one in bypass mode, just to get to tune 80 meters. Would a 4:1 balun likely do the trick, just run the output unbalance?

/paul W3FIS

4391. Re: [LDG-auto-tuners] LDG

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-10-02 01:31:22 UTC
From: Jimmy (WB8NB)
Topic: 4388 Message: 4391

?Maybe no activity equals no problems.
DE Jimmy (WB8NBI)

From: Martin Staffa
Sent: Friday, October 01, 2010 1:29 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] LDG

Is this group dead no activity, Martin N1KGP

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

4392. Re:AT 200

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-10-02 11:32:58 UTC
From: Martin Staffa
Topic: 4392 Message: 4392

Well if I am having a problem with mine maybe there is something going on with mine. All I am looking for is some input as to what might be going on with this tuner. I already own one that works very well or I would not have purchased a second.OK back to the issue at hand, I have a fan dipole cut for 160/75 the tuner will not tune. I have been at the tutorials to no avail. Running a TS2000 have shut off internal tuner when trying to use LDG. Have spoken to tech support asked if I should use a balun answer is not needed.Any thoughts on this problem Thank you Martin N1KGP

[Non-text portions of this message have been removed]

4393. Re: [LDG-auto-tuners] Re: LDG

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-10-02 18:45:49 UTC
From: Jim
Topic: 4388 Message: 4393

On 10/01/2010 09:29 PM, W3FIS wrote:
> Well, I just took delivery on my Z-718 today for my FT-817ND and have been fooling around with it this afternoon.
>
> Due to deed restrictions, I have to have a long wire in the attic. With my MFJ-902 "Travel Tuner," I can tune 80/40/30/20 without any problem. With the new tuner, I can't tune 80. Since the wire is "short," is it fair to assume that the LDG can't switch in enough inductance? I hate to have to run two tuners in series, and run one in bypass mode, just to get to tune 80 meters. Would a 4:1 balun likely do the trick, just run the output unbalance?
>
> /paul W3FIS
>
>

Often if a manual tuner doesn't have a problem and an auto tuner does,
the problem can be traced to RF getting into the tuner. While I don't
have a Z-718, I have used other LDG tuners to tune fairly short wires on
80 meters, so I don't think that's the problem.

Jim.

4394. Re: LDG

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-10-02 19:46:41 UTC
From: Dwayne
Topic: 4388 Message: 4394

Jim,

That is very good advise.

Another thing to think about is a manual tuner will usually have a much, much wider tuning range than the typical autotuner. So check the antenna with no tuner in line to see what the SWR is and make sure it's within the tuning range of the tuner.

Dwayne Kincaid
LDG

> >
> Often if a manual tuner doesn't have a problem and an auto tuner does,
> the problem can be traced to RF getting into the tuner. While I don't
> have a Z-718, I have used other LDG tuners to tune fairly short wires on
> 80 meters, so I don't think that's the problem.
>
> Jim.
>

4395. Short antenna

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-10-02 20:11:24 UTC
From: W3FIS
Topic: 4395 Message: 4395

Due to deed restrictions, I'm stuck with a short end-fed "stealth" antenna about 15' long. With the Z-817, I can easily tune 40 meters up, but with the Z-817, cannot get a match on 80 meters. With my MFJ-902 "Travel Tuner," which is a "T" design, and clearly has more range, I can tune the antenna on 80 meters.

My perception is that the Z-817 doesn't throw enough inductance into the antenna to bring the resonance frequency down.

Would a 1:4 balun do the trick? LDG lists one (I do not need something for out-of-doors) that would would be fine.

What is the wisdom of the group?

BTW, the Z-817 nicely tunes this "short" wire on 6 meters.. New fields to explore on WSPRnet.

73 /paul W3FIS

4396. Re: [LDG-auto-tuners] Re:AT 200

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-10-03 01:30:48 UTC
From: Howard Bingham
Topic: 4392 Message: 4396

At 06:32 AM 10/2/2010, Martin Staffa wrote:
>Well if I am having a problem with mine maybe there is something
>going on with
>mine. All I am looking for is some input as to what might be going
>on with this
>tuner. I already own one that works very well or I would not have purchased a
>second.OK back to the issue at hand, I have a fan dipole cut for 160/75 the
>tuner will not tune. I have been at the tutorials to no avail.
>Running a TS2000
>have shut off internal tuner when trying to use LDG. Have spoken to
>tech support
>asked if I should use a balun answer is not needed.Any thoughts on
>this problem
>Thank you Martin N1KGP
--

Nothing against LDG, but it seems my mobile rig (Yaesu FT-857D) runs
better with only an SWR bridge than with a tuner, to spite
recommendations that I get both by more seasoned hams.

May have something to due with the size & the LED's, as the only
place to put it in my pickup was under the glove box, as I have stick
shift & the heater & A/C controls are in the way for anything to be
mounted close enough to see..

IF ONLY there was a remote control head & real gauges instead of the
LED's which can be annoying to monitor while driving (As if there are
not already enough other distractions to worry about in heavy city traffic.

Howard Bingham
KE5APJ

--

4397. Re: [LDG-auto-tuners] Re:AT 200

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-10-03 01:48:06 UTC
From: Cortland Richmond
Topic: 4392 Message: 4397

On the 857 there is a 1/8 inch connector just under the tuning knob for plugging in a meter. Instead of buying one of those marketed for the 857 I just got a sensitive meter at a flea market and shunted it with an adjustable resistor to set full scale SWR. I admit a cardboard meter box taped to the dash didn't look as good as a W4RT meter... (heh!)

HOWEVER:

Using an automatic tuner with a mobile antenna is a LOT safer than manually tuning an antenna with the aid of a meter while driving, even when there's one more or less in the driver's line of sight. With a Screwdriver or the like, one can first tune for best heard signal, than enter a tune cycle and know things won't be much worse than if he'd resonated the Screwdriver exactly. With a fixed coil (Hamstick or Hustler, etc) just stay within the band you've tuned the antenna for earlier, and hit the tune button. You don't need to look at SWR bars/LED's or meters.

Cortland
KA5S

-----Original Message-----
>From: Howard Bingham <ke5apj@...>
>Sent: Oct 2, 2010 9:30 PM
>To: LDG-auto-tuners@yahoogroups.com
>Subject: Re: [LDG-auto-tuners] Re:AT 200
> [SNIPPED]
>
>IF ONLY there was a remote control head & real gauges instead of the
>LED's which can be annoying to monitor while driving (As if there are
>not already enough other distractions to worry about in heavy city traffic.
>
>Howard Bingham
>KE5APJ

4398. Re:

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-10-03 01:57:50 UTC
From: Martin Staffa
Topic: 4398 Message: 4398

Well thanks for the response your the only one so far ! Every thing is in the house so no need to take my eyes of the road Hi I do have one in the truck, no led just hit the tune on the radio. But this at 200 is just not doing what it supposed to do.Still waiting for a response thanks for thought though.Martin N1KGP 73s

[Non-text portions of this message have been removed]

4399. while we're on the subject of the 200pro.....

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-10-03 02:14:50 UTC
From: LYLE M
Topic: 4399 Message: 4399

I have a question. I have a ts-440SAT with an LDG 200 pro, and then a 4:1 balun (inside the shack) going out to the feedline of a 10-80 end fed zepp. Am I right in trying to understand this, that if I put a different balun inline at the same point, that I can get the 200 to tune up on 160 band?
thanks for the clarification.

DeKE5ZCG
Lyle

4400. Re: [LDG-auto-tuners] Re:AT 200

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-10-03 03:25:37 UTC
From: Howard Bingham
Topic: 4392 Message: 4400

-----Original Message-----
>From: Cortland Richmond <ka5s@...>
>Sent: Oct 2, 2010 8:48 PM
>To: LDG-auto-tuners@yahoogroups.com
>Subject: Re: [LDG-auto-tuners] Re:AT 200
>
>On the 857 there is a 1/8 inch connector just under the tuning knob for plugging in a meter. Instead of buying one of those marketed for the 857 I just got a sensitive meter at a flea market and shunted it with an adjustable resistor to set full scale SWR. I admit a cardboard meter box taped to the dash didn't look as good as a W4RT meter... (heh!)
>
>HOWEVER:
>
>Using an automatic tuner with a mobile antenna is a LOT safer than manually tuning an antenna with the aid of a meter while driving, even when there's one more or less in the driver's line of sight. With a Screwdriver or the like, one can first tune for best heard signal, than enter a tune cycle and know things won't be much worse than if he'd resonated the Screwdriver exactly. With a fixed coil (Hamstick or Hustler, etc) just stay within the band you've tuned the antenna for earlier, and hit the tune button. You don't need to look at SWR bars/LED's or meters.
>
>Cortland
>KA5S
>
--

Sounds fine & dandy, only with a very limited budget, and issues with low clearances, a screwdriver antenna is far from my budget (Unless I luck out on Texas LOTTO ;-))

Simply put, I use Hustler resonator antennas on a folding mast, in addition to dual band 2m/70cm antennas for a different radio, at last count have 4 antenna mounts on the back rail of pickup bed, only the dual band antenna fits carport & garages without problems, other antennas I either fold over or remove & only use as needed (Placing a cheap dummy in the crew in socket to prevent weather issues).

An SWR meter is better for my personal use & DO NOT like dedicated meters as that would necessitate additional expenses this retired dude can ill afford. Nothing like an OLD Heathkit SWR/Power meter that when I'm driving is front & center on dash, parking, the jumper cable just long enough to place on floor & out of sight.

As good as the LDG Autotuning tuners are, to me those blinking idiot lights are a ROYAL PAIN to be able to read while driving, that HEATHKIT tuner can be read by anyone with ease..!

Simplicity at it's best, OH, Multiple antenna switcher on floor is most often set for 6m/10m antenna, as it's used more often than not, the dual bander is a dedicated antanna on

a separate radio, no having to mess with the FT-857D programming issues, my OLD dual band Kenwood is computer programable, but most often have it set on just 2 rfrequently used repeaters.

Howard Bingham
KE5APJ

--

4401. Re: [LDG-auto-tuners] Re:AT 200

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-10-03 19:29:09 UTC
From: Jim
Topic: 4392 Message: 4401

On 10/02/2010 11:25 PM, Howard Bingham wrote:
>
> An SWR meter is better for my personal use& DO NOT like dedicated meters as that would necessitate additional expenses this retired dude can ill afford. Nothing like an OLD Heathkit SWR/Power meter that when I'm driving is front& center on dash, parking, the jumper cable just long enough to place on floor& out of sight.
>
> As good as the LDG Autotuning tuners are, to me those blinking idiot lights are a ROYAL PAIN to be able to read while driving, that HEATHKIT tuner can be read by anyone with ease..!
>
Thank goodness we don't all like the same things, otherwise LDG would
either be masters of the universe or out of business. I happen to
dearly love my old RT-11 loading the backstay of my sailboat. It just
works on both marine and ham bands.

Jim.

4402. Re: [LDG-auto-tuners] Re:AT 200

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-10-03 22:19:12 UTC
From: Cortland Richmond
Topic: 4392 Message: 4402

Thing is, it's an AUTOTUNER -- cover up the LED's or put the tuner out of eyesight and no need to worry about them.

Cortland
KA5S

> [Original Message]
> From: Jim <k4gvo@...>
> To: <LDG-auto-tuners@yahoogroups.com>
> Date: 10/3/2010 3:29:16 PM
> Subject: Re: [LDG-auto-tuners] Re:AT 200
>
> On 10/02/2010 11:25 PM, Howard Bingham wrote:
> >
> > An SWR meter is better for my personal use& DO NOT like dedicated meters as that would necessitate additional expenses this retired dude can ill afford. Nothing like an OLD Heathkit SWR/Power meter that when I'm driving is front& center on dash, parking, the jumper cable just long enough to place on floor& out of sight.
> >
> > As good as the LDG Autotuning tuners are, to me those blinking idiot lights are a ROYAL PAIN to be able to read while driving, that HEATHKIT tuner can be read by anyone with ease..!
> >
> Thank goodness we don't all like the same things, otherwise LDG would
> either be masters of the universe or out of business. I happen to
> dearly love my old RT-11 loading the backstay of my sailboat. It just
> works on both marine and ham bands.
>
> Jim.
>

4403. Re:AT 200

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-10-05 00:13:00 UTC
From: kb0naz
Topic: 4392 Message: 4403

--- In LDG-auto-tuners@yahoogroups.com, Jim <k4gvo@...> wrote:
>
> On 10/02/2010 11:25 PM, Howard Bingham wrote:
> >
> > An SWR meter is better for my personal use& DO NOT like dedicated meters as that would necessitate additional expenses this retired dude can ill afford. Nothing like an OLD Heathkit SWR/Power meter that when I'm driving is front& center on dash, parking, the jumper cable just long enough to place on floor& out of sight.
> >
> > As good as the LDG Autotuning tuners are, to me those blinking idiot lights are a ROYAL PAIN to be able to read while driving, that HEATHKIT tuner can be read by anyone with ease..!
> >
> Thank goodness we don't all like the same things, otherwise LDG would
> either be masters of the universe or out of business. I happen to
> dearly love my old RT-11 loading the backstay of my sailboat. It just
> works on both marine and ham bands.
>
> Jim.
>

sure wish they still made that RT11 or another remote tuner..hint hint !!;I should have kept the 2 RT11's I had years ago

Scott KB0NAZ

4404. Re: older AT-100pro tuner mounting position

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-10-04 23:08:59 UTC
From: W3FIS
Topic: 4357 Message: 4404

I can't see why not. The relays are "latching," and spring returns. Orientation in my experience (except for telegraph relays) makes no difference.

The LDG tuner for the FT-897 is on its side, I believe.

/paul W3FIS

4405. Re: LDG

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-10-04 22:08:55 UTC
From: W3FIS
Topic: 4388 Message: 4405

I am suspecting the range of the tuner, as the tuner works fine on 40 upwards, but not 80. The manual tuner (MF-902) can tune up a bent nail!

/paul W3FIS

4406. AT-200PC

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-10-06 12:16:43 UTC
From: John
Topic: 4406 Message: 4406

I've switched radios and have a YT-100 on the way and a KT-100, so now my AT-200PC (computer controlled AT) is excess to my needs. So just sitting on my bench, so if interested please contact off list and I can provide details and pics. Mostly want to sell it, but would entertain a trade, perhaps for a Z-817 or Z-11PRO.

4407. Re: [LDG-auto-tuners] Re: LDG

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-10-06 14:35:52 UTC
From: Glenn AE0Q
Topic: 4388 Message: 4407

The L-match autotuner is quite different from the MFJ T-match. You can make many loads "look" good with the T-match but a lot of power may be dissipated in the matching network.

The L-network won't allow that and so the range may seem less.

73 - Glenn AE0Q

On Mon, Oct 4, 2010 at 4:08 PM, W3FIS <deadgoose@...> wrote
>
> I am suspecting the range of the tuner, as the tuner works fine on 40
> upwards, but not 80. The manual tuner (MF-902) can tune up a bent nail!
>
>

AE0Q
ae0q@... http://www.radiotipsandtales.com

[Non-text portions of this message have been removed]

4408. Re: LDG

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-10-07 13:12:55 UTC
From: Paul W. Ross
Topic: 4388 Message: 4408

Why should that be? The major loss is going to be in the inductors. There will be minimal dielectric loss is the capacitors.

Any reflected power is loss in heating the output transistors, versus PERHAPS more loss in the inductor??

Frankly the non-optimal antenna is the real culprit, but I have deed restrictions, so a "stealth" antenna of magnet wire is required.

Anyways, I have worked Australia with one watt on WSPRnet... and regularly work the west coast PSK-31 with 5 watts, and Europe with 1 watt on JT65-HF...

I have been accused of powering things with flatulent butterflies and using a bent nail for an antenna...

/paul W3FIS

4409. Re:YT-450 for FT-450 and FT-950

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-10-06 21:47:18 UTC
From: Jim Dale
Topic: 4409 Message: 4409

I just received my YT-450 for my FT-950.
My question is on my FT-950 how do I setup for a tuner on my setup menu.
Do I use internal or external?

Jim D
KC0PPA

4410. Re: LDG

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-10-08 22:16:08 UTC
From: James
Topic: 4388 Message: 4410

I need a 160 meter antenna but I cannot find a bent nail that long.

The manual tuner (MF-902) can tune up a bent nail!

4411. Re: AT-200PC

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-10-09 00:29:27 UTC
From: Howard Z
Topic: 4406 Message: 4411

John,

People using ALE or MARS/ALE like that tuner.

Howard

--- In LDG-auto-tuners@yahoogroups.com, "John" <k0ftc@...> wrote:
>
> I've switched radios and have a YT-100 on the way and a KT-100, so now my AT-200PC (computer controlled AT) is excess to my needs. So just sitting on my bench, so if interested please contact off list and I can provide details and pics. Mostly want to sell it, but would entertain a trade, perhaps for a Z-817 or Z-11PRO.
>

4412. Re: LDG

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-10-08 23:49:25 UTC
From: W3FIS
Topic: 4388 Message: 4412

I thought a little more about the topic. Let's consider an "L" tuner. Think of it as a "PI" tuner with once capacitor missing. You put the "missing" capacitor end where you get the best match. This is what LDG appears to do.

In matching a load (ANY LOAD), the "match" condition for maximum power transfer is to present the complex conjugate of the load impedance. That means:
Opposite "sign" of the reactive portion and of equivalent value. If you see an "L," you need a value of "C". If you see a "C" (the usual "short" antenna problem), you use an "L," the classic loading coil. Where the coil goes is another story.

Resistive part must be the same.

You can prove this with the calculus. Determine power transfer as a function of R and X, and determine the maximum value for power transfer. Freshman EE...

The first part is easy. Variable inductor or capacitor is all that is needed. However, the 2nd part is the hard part. If you look at a "Pi" network, the ground point is actually the "tap" on a capacitive voltage divider, the two capacitors in series and the inductor forming a resonant circuit.

If you do a "wye-delta" transformation (I'm an old electric power EE guy), instead of a voltage divider, you have a current divider and a "T" tuner. The problem is that you have three variables in a "T" or "Pi" tuner -- two capacitors and an inductor. You only have two things to match, so you have an "over deterimined" set of equations, so there is no UNIQUE match. With the "L" tuner, if you can get a match, you have the ONLY match value set (only 2 variable, not 3).

With three variables, you have potentially a much better range for a potential match.

The LDG Z-817 states that it is an "L" tuner, and swaps the C from one end to the other to attempt to get a match.

Interestingly enough in light of that bit of information, I took my MFJ-16010 tuner (L design) and fitted it with an SPDT toggle switch from Rat Shack to do just that. Avoids having to swap cables, which is a PITA.

Also, FWIIW, I recently picked up a nice CB antenna from Universal Radio for modification to 10 meters (took off about 6' of the whip). I wanted to fit a piece of Tygon tube as a chafe guard. In pulling the base apart, inside was a nice small base loading coil, and SMALL capacitor across the coax to ground! The "L" tuner incarnate!

The real question is which tuner has less loss? The "T," or the "L"? You would have to determine the current in the L for the condition of best match. Again, all things being equal, the higher loss will be with the inductor with the higher current.

Also, to further confuse things, core loss is a weird function of frequency, and should vary with the core material choice. Skin effects shouldn't be an issue until you get above maybe 10 MHz. I pulled apart my two MFJ tuners, and they use what looks like maybe #14

wire, which at the power levels I'm running, is more than satisfactory.

I recall when in grad school running a 5 KW AM station to pay my bills (WELI in New Haven), the sucker used really large rigid coax and I recall the coils in the Collins phasing rack being something like silver plated 3/8" copper tube, but that was a long time ago.

Once you get above 30 MHz, inductors behave less like inductors, and the whole game changes. The the turn-to-turn capacitance becomes important, and the leads on the capacitors have inductive components.

Those of us cursed with "short" antennas and deed restrictions need to read all the stuff about mobile HF antennas.

What have I missed???

/paul W3FIS

4413. Re: AT-200PC

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-10-09 11:07:35 UTC
From: John
Topic: 4406 Message: 4413

Thank you Howard. I just sold the tuner to someone wanting it for MARS/ALE. It is a nice tuner and worked well. I changed transceivers and wanted to try some dedicated tuners for them is the reason I was offering it. I should buy stock in LDG - I've bought quite a variety of them - HI. I've never had a problem with any of them. They make good products. Thank you for the note. 73, John

--- In LDG-auto-tuners@yahoogroups.com, "Howard Z" <Howard_Z@...> wrote:
>
> John,
>
> People using ALE or MARS/ALE like that tuner.
>
> Howard
>
> --- In LDG-auto-tuners@yahoogroups.com, "John" <k0ftc@> wrote:
> >
> > I've switched radios and have a YT-100 on the way and a KT-100, so now my AT-200PC (computer controlled AT) is excess to my needs. So just sitting on my bench, so if interested please contact off list and I can provide details and pics. Mostly want to sell it, but would entertain a trade, perhaps for a Z-817 or Z-11PRO.
> >
>

4414. Re: [LDG-auto-tuners] Re: LDG

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-10-10 01:34:28 UTC
From: Glenn AE0Q
Topic: 4388 Message: 4414

With the T-match the three elements (two capacitors and inductor) can be adjusted so that the TX sees 50 ohms, but the efficiency is very poor and lots of power is dissipated in the inductor rather than being transferred to the load. Try it, get one tuned up for best SWR, then start changing the capacitor settings. You can make the TX happy with many combinations, but not all give the same output from the tuner to antenna.

I discovered this the hard way, tuning up a dipole on RTTY with a 300w MFJ-949E. The 100w out of my radio into a perfect match (as shown by adjusting the tuner) melted the inductor and it slid sideways in the box.

One of the published tricks to avoid that is to always use the least possible inductance when tuning the T-match.

Another is to change to LDG and Ten Tec L-match tuners :-)

Glenn AE0Q

On Thu, Oct 7, 2010 at 7:12 AM, Paul W. Ross <deadgoose@...> wrote:

> Why should that be? The major loss is going to be in the inductors.
>
> There will be minimal dielectric loss is the capacitors.
>
> Any reflected power is loss in heating the output transistors, versus
> PERHAPS more loss in the inductor??
>
> Frankly the non-optimal antenna is the real culprit, but I have deed
> restrictions, so a "stealth" antenna of magnet wire is required.
>
> Anyways, I have worked Australia with one watt on WSPRnet... and
> regularly work the west coast PSK-31 with 5 watts, and Europe with 1
> watt on JT65-HF...
>
> I have been accused of powering things with flatulent butterflies and
> using a bent nail for an antenna...
>
> /paul W3FIS
> __·_,·___
>
>
--
"Remember, any tool can be the right tool!" Red Green

AE0Q ex: GM5BKC, ZB2WZ, V31RY, SV0WY, WA0VPK
ae0q@... --SOWP 5558-M, ARRL LM, QCWA LM, OOTC, NCVA--
http://www.radiotipsandtales.com

[Non-text portions of this message have been removed]

4415. Re: LDG

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-10-10 02:08:21 UTC
From: W3FIS
Topic: 4388 Message: 4415

Google is our friend.... here is what seems to be a reasonable discussion of the matter.

http://www.w8ji.com/antenna_tuners.htm

It gives a good idea why LDG has gone with an "L" design, especially if we are trying to "automate" the minimum SWR. There is going to a "unique" set of values for a match, if you can get one, with the range of L and C available.

Also, there is a pretty good article in the ARRL archives on how to tune with a "T" tuner. It does support the "minimum L" argument.

For a really "difficult" antenna, I'll keep my "T" tuner.

BTW, I have a 1:4 balun on order, and as my mechanical engineer friends say, "when in doubt, get a bigger hammer." I'll simply transform that out-of-range impedance into something the Z-817 can handle for 80 meters. Of course, there is loss in the balun... (more gasoline just thrown on the fire.....)

/paul W3FIS

4416. Re: LDG

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-10-10 01:47:59 UTC
From: W3FIS
Topic: 4388 Message: 4416

--- In LDG-auto-tuners@yahoogroups.com, Glenn AE0Q <gm5bkc@...> wrote:
>
> With the T-match the three elements (two capacitors and inductor) can be
> adjusted so that the TX sees 50 ohms, but the efficiency is very poor and
> lots of power is dissipated in the inductor rather than being transferred to
> the load. Try it, get one tuned up for best SWR, then start changing the
> capacitor settings. You can make the TX happy with many combinations, but
> not all give the same output from the tuner to antenna.

I note that the instructions from MFJ for the MFJ-902 suggest using the minimum inductance, which will obviously minimize losses, as the major one is the inductor. That is consistent with your comment.

However, you have not addressed why one design (T, Pi, or L) should be better than the other.

Ideally, you shouldn't have to use a tuner. However in the real world, you will need one. The issue is which one, given the constraints of space, deed restrictions, etc, etc, etc. There seems to be a lot of anecdotal discussion, but who has done some analysis on the issue?

/paul W3FIS

>

4417. Re: [LDG-auto-tuners] Re: LDG

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-10-10 14:22:20 UTC
From: Larry KA5T
Topic: 4388 Message: 4417

Paul:

You might find answers to some of your questions on the web site of
David Knight, G3YNH, http://www.g3ynh.info . He seems to have done some
extensive investigation of tuners, and the problem of coupling antennas
to transmitters. Interesting reading at the very least...

FYI
FWIW

I have no connection with David, other than having read and studied the
info on his web site....

Larry
KA5T

On 10/10/2010 01:47 z, W3FIS wrote:
...

>
> However, you have not addressed why one design (T, Pi, or L) should be better than the
other.
>
...

4418. Re: LDG

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-10-10 20:05:52 UTC
From: W3FIS
Topic: 4388 Message: 4418

That is a good site, and most enlightening. I need to pull the cover off of my Z-817 and see just how many inductors it has, in light of the fact that it is probably using a binary selection process.

/paul W3FIS

4420. Re: AT-1000Pro Upgrade

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-10-12 11:41:33 UTC
From: vk5zuc
Topic: 4342 Message: 4420

Hello All,
With the new chip after a time the AT1000pro seems to lock up and become unresponsive to the front buttons.
Cycle the power at the supply and all is back to where it was and responsive again. Anyone with similar behaviour?
Andrew

--- In LDG-auto-tuners@yahoogroups.com, "vk5zuc" <vk5zuc@...> wrote:
>
> Hi Dwayne,
> Got my chip on Friday and installed it last night.
> The FAST tunning is amazing and the peak reading meter great.
> However the meter/auto tune sensitivity seems reduced.
> I realise that one is not really supposed to use a 1KW tuner with 5W of QRP. However I have been using a Flex 1500 at 5w to drive an amp to 350W and could tune on 5W with the linear off on the old chip. That way I could do QRP or QRO at the flick of a power swich.
> Now it is intermittent on 160, 80 and 40m with nix above.
> Andrew
>
> --- In LDG-auto-tuners@yahoogroups.com, "vk5zuc" <vk5zuc@> wrote:
> >
> > Bravo Dwayne
> > The email is away.
> > Andrew
> >
> > --- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@> wrote:
> > >
> > > LDG has announced the FREE AT-1000Pro Upgrade program. All owners (new and used) are eligible. The upgrade includes updated tuning algorithms and the addition of Peak and Average meter modes. Simply fill out the form (from our main web page) and mail to LDG or e-mail the form to the special AT-1000Pro upgrade e-mail address: AT1000ProUpgrade@ and you will receive a FREE upgrade chip.
> > >
> > > Dwayne Kincaid
> > > LDG
> > >
> >
>

4421. Re:YT-450 for FT-450 and FT-950

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-10-12 19:14:16 UTC
From: W3FIS
Topic: 4409 Message: 4421

Seems it works the same as my Z-817 for my FT-817ND, except it gets its power from the FT-450.

The Z-817 accesses the CAT/control port on the transceiver, reads system parameters, does its thing, and returns control to the transceiver.

Explain the internal/external deal??

/paul W3FIS

4422. Re:AT-11 Autotuner and QRP

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-10-13 13:09:34 UTC
From: Paul W. Ross
Topic: 4422 Message: 4422

Quite likely. My auto tuner (Z-817) is used with my FT-817ND, of course, and a Ft. Tuthill 80, and a Wilderness Radio NorCal 40A.

The Z-817 reduces the power on my FT-817ND to 2.5 watts for tuning.

/paul W3FIS

4423. Tamed the beast

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-10-13 17:03:39 UTC
From: W3FIS
Topic: 4423 Message: 4423

Got the 1:4 balun in the mail today. Hooked it up to my 32' wire in the attic. I can now tune nicely all the way from 80 meters through 10 meters with the Z-817ND. Hooked the balun up as a simple impedance step-up unbalanced transformer, as the manual suggests for "long wire" antennas.

As I suspected, the z-817 simply could not muster up enough inductance for the impedance presented by the "short" antenna.

BTW, I also pulled the back off at the suggestion of member of the group. A dab of hot melt craft glue (it appears to be polyethelene) took care of the "sticky tape" problem. Also gently tightened all screws/nuts, and ran a bead of silicon rubber seal around the edge of the case before putting it back together. If I want to run it out-of-doors, I don't need to be concerned about moisture.

As I said, when in doubt, get a bigger hammer. Check with SWR meter suggests I am getting 1.3:1 or better in all cases.

Problem solved!

/paul W3FIS

4424. Re: AT-1000Pro Upgrade

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-10-13 18:54:59 UTC
From: Murf
Topic: 4342 Message: 4424

yes Andrew.. I too have same problem..
some times when I power down the tuner.. using the tuners power switch, it will not come back on ontill i turn off the power supply and it comes on right then.. dont need to use the power switch.. I was thinking a relay is hanging up..
Murf
n7uvh

--- In LDG-auto-tuners@yahoogroups.com, "vk5zuc" <vk5zuc@...> wrote:
>
> Hello All,
> With the new chip after a time the AT1000pro seems to lock up and become unresponsive to the front buttons.
> Cycle the power at the supply and all is back to where it was and responsive again.
Anyone with similar behaviour?
> Andrew
>
> --- In LDG-auto-tuners@yahoogroups.com, "vk5zuc" <vk5zuc@> wrote:
> >
> > Hi Dwayne,
> > Got my chip on Friday and installed it last night.
> > The FAST tunning is amazing and the peak reading meter great.
> > However the meter/auto tune sensitivity seems reduced.
> > I realise that one is not really supposed to use a 1KW tuner with 5W of QRP. However I have been using a Flex 1500 at 5w to drive an amp to 350W and could tune on 5W with the linear off on the old chip. That way I could do QRP or QRO at the flick of a power swich.
> > Now it is intermittent on 160, 80 and 40m with nix above.
> > Andrew
> >
> > --- In LDG-auto-tuners@yahoogroups.com, "vk5zuc" <vk5zuc@> wrote:
> > >
> > > Bravo Dwayne
> > > The email is away.
> > > Andrew
> > >
> > > --- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@> wrote:
> > > >
> > > > LDG has announced the FREE AT-1000Pro Upgrade program. All owners (new and used) are eligible. The upgrade includes updated tuning algorithms and the addition of Peak and Average meter modes. Simply fill out the form (from our main web page) and mail to LDG or e-mail the form to the special AT-1000Pro upgrade e-mail address: AT1000ProUpgrade@ and you will receive a FREE upgrade chip.
> > > >
> > > > Dwayne Kincaid
> > > > LDG
> > > >

> > >
> >
>

4425. Z-11Pro2 Hangup

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-10-13 19:14:30 UTC
From: Ted Leonard
Topic: 4425 Message: 4425

I am using the Z-11Pro 2 tuner with my Flex 1500, I wanted to be able to use it remotly so installed the batterys, works fine except sometimes it hangs up with the 2 red LED's lit.
The only way to get it back is to remove power and that is a pain because you have to take the cover off and pull a cell out. Now I leave a cell out and just power it from my PS.
Much easier to reset this way, but it shouldn't be happening. When the 2 red LED's are lit it won't do anything until you remove power and power up again. Ideas??

Ted W3VG

4426. Re:YT-450 for FT-450 and FT-950

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-10-13 23:40:12 UTC
From: Jim Dale
Topic: 4409 Message: 4426

Explain the internal/external deal??

This would be the setting in the menu for and internal or external tuner.
Jim
KC0PPA

4427. AT897 plus with K3

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-10-14 08:02:06 UTC
From: vr2xmc
Topic: 4427 Message: 4427

Hello Group,

I have an AT897plus with my FT897D. Can this tuner be used with Elecraft K3. If yes, how should I wire the interface cable?

73

Johnny VR2XMC

4428. Compare & Contrast AT-1000 with the Pro?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-10-14 08:16:28 UTC
From: doc@kd4e.com
Topic: 4428 Message: 4428

Is there a feature chart or FAQ that compares and contrasts
the AT-1000 with the AT-1000Pro, please?

How close is the AT-1000 with the 2.5. upgrade (Adds 200
memories. Improved tuning. Upgrade chip $20.)

Thanks!

--

Thanks! & 73, doc, KD4E
http://KD4E.com
Have an http://ultrafidian.com day
Defend free speech or lose your freedom.
I don't google I SEARCH! http://ixquick.com

4429. Re: Compare & Contrast AT-1000 with the Pro?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-10-14 22:03:05 UTC
From: Dwayne
Topic: 4428 Message: 4429

There are no comparison charts that include discontinued products.

However, the 1000Pro added a larger meter, Auto mode, 4000 memories. The latest firmware has peak and average meter modes.

The tuning section in both units are nearly the same.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "doc@..." <doc@...> wrote:
>
> Is there a feature chart or FAQ that compares and contrasts
> the AT-1000 with the AT-1000Pro, please?
>
> How close is the AT-1000 with the 2.5. upgrade (Adds 200
> memories. Improved tuning. Upgrade chip $20.)
>
> Thanks!
>
>
>
> --
>
> Thanks! & 73, doc, KD4E
> http://KD4E.com
> Have an http://ultrafidian.com day
> Defend free speech or lose your freedom.
> I don't google I SEARCH! http://ixquick.com
>

4430. Re: AT897 plus with K3

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-10-14 22:00:33 UTC
From: Dwayne
Topic: 4427 Message: 4430

Hello Johnny,

I don't think there is any way to interface and AT-897Plus to a K3.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "vr2xmc" <vr2xmc@...> wrote:
>
> Hello Group,
>
> I have an AT897plus with my FT897D. Can this tuner be used with Elecraft K3. If yes, how should I wire the interface cable?
>
> 73
>
> Johnny VR2XMC
>

4431. Feedback needed

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-10-14 22:12:50 UTC
From: Dwayne
Topic: 4431 Message: 4431

Hi Folks,

With so many LDG tuners these days (and more coming), we're trying to simplify the decision making process somewhat. We've recently updated the tuner comparison spec chart and now we'd like to try a Tuner Selection "Flow Chart".

I'll put it in the Files section of this group and anyone that has comments or feedback on how they think it will work can post to the group or directly to me.

Thanks for your help,

Dwayne Kincaid
LDG

4432. Icom IC7000 & older LDG Z100 coupler compatability

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-10-14 23:30:35 UTC
From: ldevriesau
Topic: 4432 Message: 4432

Hi All,
Before I try and source the 4 way connector for the IC 7000, Can anyone please, confirm that the protocols between the IC7000 & Z100 are compatible?
regards,
Lee VK3PK

4433. Re： [LDG-auto-tuners] Re: AT897 plus with K 3

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-10-14 22:55:06 UTC
From: Johnny Siu
Topic: 4427 Message: 4433

Hello Dwayne,

Thanks for reply. Since there is no way to interface, can I manually TX a 10W carrier from K3 and then push the 'tune' button in AT897 to tune the antenna? In other words, the whole process is done by me and NOT automatic.

73

Johnny VR2XMC

寄件人: Dwayne <ldgyahoo@ldgelectronics.com>
收件人: LDG-auto-tuners@yahoogroups.com
傳送日期: 2010/10/15 (五) 6:00:33 AM
主題： [LDG-auto-tuners] Re: AT897 plus with K3

Hello Johnny,

I don't think there is any way to interface and AT-897Plus to a K3.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@...m, "vr2xmc" <vr2xmc@...> wrote:
>
> Hello Group,
>
> I have an AT897plus with my FT897D. Can this tuner be used with Elecraft K3. If
>yes, how should I wire the interface cable?
>
> 73
>
> Johnny VR2XMC
>

[Non-text portions of this message have been removed]

4434. Re: Icom IC7000 & older LDG Z100 coupler compatability

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-10-14 23:39:34 UTC
From: Dwayne
Topic: 4432 Message: 4434

Hello Lee,

Yes, they are compatible.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "ldevriesau" <rex.vk3pk@...> wrote:
>
> Hi All,
> Before I try and source the 4 way connector for the IC 7000, Can anyone please, confirm that the protocols between the IC7000 & Z100 are compatible?
> regards,
> Lee VK3PK
>

4435. Reï¼☐ [LDG-auto-tuners] Re: AT897 plus with K3

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-10-14 23:41:34 UTC
From: Dwayne
Topic: 4427 Message: 4435

Hi Johnny,

No, I don't think that is possible as the AT-897Plus is looking for serial commands to and from the radio. If the serial data is not there on power up, it just flashes the Red LED for an error.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, Johnny Siu <vr2xmc@...> wrote:
>
> Hello Dwayne,
>
> Thanks for reply.Â Since there is no way to interface, can I manually TX a 10W
> carrier from K3 and then push the 'tune' button in AT897 to tune the antenna?Â
> In other words, the whole process is done by me and NOT automatic.
>
> 73
>
> Johnny VR2XMC
>
>
>
>
> _____
> å¯☐ä»¶äºº'ï¹☐ Dwayne <ldgyahoo@...>
> æ"¶ä»¶äºº'ï¹☐ LDG-auto-tuners@yahoogroups.com
> å☐³é☐☐æ☐¥æ☐☐ï¹☐ 2010/10/15 (äº") 6:00:33 AM
> ä¸»é¡☐ï¼☐ [LDG-auto-tuners] Re: AT897 plus with K3
>
> Â
> Hello Johnny,
>
> I don't think there is any way to interface and AT-897Plus to a K3.
>
> Dwayne Kincaid
> LDG
>
> --- In LDG-auto-tuners@yahoogroups.com, "vr2xmc" <vr2xmc@> wrote:
> >
> > Hello Group,
> >
> > I have an AT897plus with my FT897D. Can this tuner be used with Elecraft K3. If
> >yes, how should I wire the interface cable?
> >

> > 73
> >
> > Johnny VR2XMC
> >
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

4436. LDG-auto-tuners] Re: AT897 plus with K3

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-10-15 00:24:52 UTC
From: Johnny Siu
Topic: 4427 Message: 4436

Hello Dwayne,

Well, now understand. BTW, can the Z100plus / Z11 pro be used with K3 apart from Icom and Yaesu?

TNX

Johnny VR2XMC

寄件人: Dwayne <ldgyahoo@...>
收件人: LDG-auto-tuners@yahoogroups.com
傳送日期: 2010/10/15 (五) 7:41:34 AM
主題： Reï¼š [LDG-auto-tuners] Re: AT897 plus with K3

Hi Johnny,

No, I don't think that is possible as the AT-897Plus is looking for serial commands to and from the radio. If the serial data is not there on power up, it just flashes the Red LED for an error.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, Johnny Siu <vr2xmc@...> wrote:
>
> Hello Dwayne,
>
> Thanks for reply.Â Since there is no way to interface, can I manually TX a 10W
>
> carrier from K3 and then push the 'tune' button in AT897 to tune the antenna?Â
>
> In other words, the whole process is done by me and NOT automatic.
>
> 73
>
> Johnny VR2XMC
>
>
>
>
> ---
> å¯„ä»¶äºº: Dwayne <ldgyahoo@...>
> æ"¶ä»¶äºº: LDG-auto-tuners@yahoogroups.com
> å‚³é€?æ—¥æœŸ: 2010/10/15 (ä¸") 6:00:33 AM
> ä¸»é¡Œ: [LDG-auto-tuners] Re: AT897 plus with K3
>

> Â
> Hello Johnny,
>
> I don't think there is any way to interface and AT-897Plus to a K3.
>
> Dwayne Kincaid
> LDG
>
> --- In LDG-auto-tuners@yahoogroups.com, "vr2xmc" <vr2xmc@> wrote:
> >
> > Hello Group,
> >
> > I have an AT897plus with my FT897D. Can this tuner be used with Elecraft K3.
>If
>
> >yes, how should I wire the interface cable?
> >
> > 73
> >
> > Johnny VR2XMC
> >
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

4437. LDG-auto-tuners] Re: AT897 plus with K3

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-10-15 02:00:51 UTC
From: Dwayne
Topic: 4427 Message: 4437

Johnny,

Yes, the Z-11Pro and the Z-100Plus are generic tuners and can be used with just about any 100 watt radio without an interface. Simply key the radio in a carrier mode and press the tune button on the tuner.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, Johnny Siu <vr2xmc@...> wrote:
>
> Hello Dwayne,
>
> Well, now understand.Â BTW, can the Z100plus / Z11 pro be used with K3 apart
> from Icom and Yaesu?
>
> TNX
>
> Johnny VR2XMC
>
>
>
>
> _____
> å¯¯□ä»¶äºº'ï¹□ Dwayne <ldgyahoo@...>
> æ"¶ä»¶äºº'ï¹□ LDG-auto-tuners@yahoogroups.com
> å□³é□□æ□¥æ□□ï¹□ 2010/10/15 (äº") 7:41:34 AM
> ä¸»é¡□ï¼□ ReÃ¯Â¼Å¡ [LDG-auto-tuners] Re: AT897 plus with K3
>
> Â
> Hi Johnny,
>
> No, I don't think that is possible as the AT-897Plus is looking for serial
> commands to and from the radio. If the serial data is not there on power up, it
> just flashes the Red LED for an error.
>
> Dwayne Kincaid
> LDG
>
> --- In LDG-auto-tuners@yahoogroups.com, Johnny Siu <vr2xmc@> wrote:
> >
> > Hello Dwayne,
> >
> > Thanks for reply.Ã□Â Since there is no way to interface, can I manually TX a 10W
> >

> > carrier from K3 and then push the 'tune' button in AT897 to tune the antenna?Ã□Â
> >
> > In other words, the whole process is done by me and NOT automatic.
> >
> > 73
> >
> > Johnny VR2XMC
> >
> >
> >
> >
> > _____
> > Ã¥Â¯â□□Ã¤Â»Â¶Ã¤ÂºÂºÃ¯Â¹â□¢ Dwayne <ldgyahoo@>
> > Ã¦"Â¶Ã¤Â»Â¶Ã¤ÂºÂºÃ¯Â¹â□¢ LDG-auto-tuners@yahoogroups.com
> > Ã¥â□□Â³Ã©â□¬ï¿½Ã¦â□"Â¥Ã¦Å"Å¸Ã¯Â¹â□¢ 2010/10/15 (Ã¤Âº") 6:00:33 AM
> > Ã¤Â¸Â»Ã©Â¡Å'Ã¯Â¼Å¡ [LDG-auto-tuners] Re: AT897 plus with K3
> >
> > Ã□Â
> > Hello Johnny,
> >
> > I don't think there is any way to interface and AT-897Plus to a K3.
> >
> > Dwayne Kincaid
> > LDG
> >
> > --- In LDG-auto-tuners@yahoogroups.com, "vr2xmc" <vr2xmc@> wrote:
> > >
> > > Hello Group,
> > >
> > > I have an AT897plus with my FT897D. Can this tuner be used with Elecraft K3.
> > >If
> >
> > >yes, how should I wire the interface cable?
> > >
> > > 73
> > >
> > > Johnny VR2XMC
> > >
> >
> >
> >
> >
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> > [Non-text portions of this message have been removed]
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>
> [Non-text portions of this message have been removed]
>

4438. Re: Icom IC7000 & older LDG Z100 coupler compatability

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-10-15 02:12:55 UTC
From: ldevriesau
Topic: 4432 Message: 4438

Thanks Dwayne,
Are either of the Molex Part Number 0003092041 or 0003092042 the correct plug for the IC7000?
Regards,
Lee

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
> Hello Lee,
>
> Yes, they are compatible.
>
> Dwayne Kincaid
> LDG
>
> --- In LDG-auto-tuners@yahoogroups.com, "ldevriesau" <rex.vk3pk@> wrote:
> >
> > Hi All,
> > Before I try and source the 4 way connector for the IC 7000, Can anyone please, confirm that the protocols between the IC7000 & Z100 are compatible?
> > regards,
> > Lee VK3PK
> >
>

4439. Re: [LDG-auto-tuners] Feedback needed

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-10-15 07:42:13 UTC
From: SATYAN VU3MES
Topic: 4431 Message: 4439

Hi Dwayne

juz to confirm that ?the flow chart you have uploaded is very informative and help prospective users of ldg tuners to take correct decision on selecting the right stuff for them. i had been using a z11pro along with my 857d and am very happy with its performance tuning everything i throw at it. hopes to upgrade soon when i change over to an amp in the future.

73s de VU3MES
chennai - india - qth location website.
http://www.findu.com/cgi-bin/find.cgi?call=vu3mes
http://www.qrz.com/callsign/vu3mes
http://www.satyansarath.param.mobi [mobile web page]

----- Original message -----
From: "Dwayne□" <ldgyahoo@...>
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Feedback needed
Date: Thu, 14 Oct 2010 22:12:50 -0000

?

Hi Folks,

With so many LDG tuners these days (and more coming), we're trying to simplify the decision making process somewhat. We've recently updated the tuner comparison spec chart and now we'd like to try a Tuner Selection "Flow Chart".

I'll put it in the Files section of this group and anyone that has comments or feedback on how they think it will work can post to the group or directly to me.

Thanks for your help,

Dwayne Kincaid
LDG

Ovi Mail: Making email access easy
http://mail.ovi.com

[Non-text portions of this message have been removed]

4440. Re: Feedback needed

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-10-15 13:12:38 UTC
From: W3FIS
Topic: 4431 Message: 4440

Right on target! Thanks!

Slightly off topic, but in the next revision (this might apply to other LDG products), please include the "reset" procedure. In experimenting with my Z-817, and a variety of antenna configurations, I have needed to clear the memory on occasion.

73 /paul W3FIS

4441. Re: [LDG-auto-tuners] Re: Feedback needed

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-10-15 14:34:13 UTC
From: Rudy Benner
Topic: 4431 Message: 4441

Z-817, just hold down the button for a while....a long while.

ve3bdr

From: W3FIS
Sent: Friday, October 15, 2010 9:12 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: Feedback needed

Right on target! Thanks!

Slightly off topic, but in the next revision (this might apply to other LDG products), please include the "reset" procedure. In experimenting with my Z-817, and a variety of antenna configurations, I have needed to clear the memory on occasion.

73 /paul W3FIS

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 9.0.862 / Virus Database: 271.1.1/3198 - Release Date: 10/15/10 02:34:00

[Non-text portions of this message have been removed]

4442. Re: Compare & Contrast AT-1000 with the Pro?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-10-15 16:22:41 UTC
From: doc@kd4e.com
Topic: 4428 Message: 4442

The latest firmware (in both?) has peak and average meter modes?

The auto mode in the Pro "automatically starts a tuning cycle when the SWR exceeds a limit you set." - but in the non-Pro the initial setting stays the same unless one manually initiates a re-tune - presumably when one observes a SWR change on the meter?

4,000 memories in the Pro whereas the newer firmware adds 200 to the non-Pro. (making a total of ?? memories in the non-Pro?)

The purpose of the memories is to make a return to settings faster and more quiet?

Thanks!

doc

Re: Compare & Contrast AT-1000 with the Pro?

Thu Oct 14, 2010 3:05 pm (PDT)

There are no comparison charts that include discontinued products.

However, the 1000Pro added a larger meter, Auto mode, 4000 memories.

The latest firmware has peak and average meter modes.

The tuning section in both units are nearly the same.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com
<mailto:LDG-auto-tuners%40yahoogroups.com>, "doc@..." <doc@...> wrote:
>
> Is there a feature chart or FAQ that compares and contrasts the
> AT-1000 with the AT-1000Pro, please?
>
> How close is the AT-1000 with the 2.5. upgrade (Adds 200 memories.
> Improved tuning. Upgrade chip $20.)
>
> Thanks!

--

Thanks!& 73, doc, KD4E
http://KD4E.com
Have an http://ultrafidian.com day

Defend free speech or lose your freedom.
I don't google I SEARCH! http://ixquick.com

4443. Re: Feedback needed (Z-817)

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-10-15 20:32:22 UTC
From: W3FIS
Topic: 4431 Message: 4443

I know how to reset the Z-817, but it isn't in the manual. Should be, which is my point. With a 4:1 balun to help things along, it is quite amazing how well the until matches things up!

/paul W3FIS

4444. Re: Feedback needed (Z-817)

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-10-15 22:32:26 UTC
From: Dwayne
Topic: 4431 Message: 4444

Paul,

We've pretty much taken out the memory clear function for all of our tuners. Since each memory is stored by frequency, just doing a full tune will throw away the old one and put the new one in it's place. We have not yet found a case where "all" of the memories needed to be cleared.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "W3FIS" <deadgoose@...> wrote:
>
> I know how to reset the Z-817, but it isn't in the manual. Should be, which is my point. With a 4:1 balun to help things along, it is quite amazing how well the until matches things up!
>
> /paul W3FIS
>

4445. Feedback requested : LDG AT-1000Pro with ICOM 7800/PW-1

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-10-15 23:50:14 UTC
From: KJ4VTE
Topic: 4445 Message: 4445

I would like to know if anyone is using LDG AT-1000Pro with ICOM 7800/PW-1 and can offer feedback please.

Thanks,
Asim

4446. Re: Feedback needed (Z-817)

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-10-16 00:38:07 UTC
From: W3FIS
Topic: 4431 Message: 4446

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
> Paul,
>
> We've pretty much taken out the memory clear function for all of our tuners. Since each memory is stored by frequency, just doing a full tune will throw away the old one and put the new one in it's place. We have not yet found a case where "all" of the memories needed to be cleared.

Ok, it was not clear to me that a replacement algorithm was being used. Problem solved, then. Thanks!

/paul

4447. Re: Feedback needed (Z-817)

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-10-16 13:17:42 UTC
From: Paul W. Ross
Topic: 4431 Message: 4447

To Dwayne mostly...

Ok, you use a "replacement" algorithm for the Z-817 when it is attached to the FT-817ND. What about the "200 memories" when we use it for one of our QRP rigs? How does it know, or does it just do a quick search in the smaller memory???

Inquiring minds want to know...

/paul W3FIS

4448. Re: [LDG-auto-tuners] Re: Compare & Contrast AT-1000 with the Pro?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-10-15 23:49:26 UTC
From: Cortland Richmond
Topic: 4428 Message: 4448

Non-Pro firrware upgrade? Suspect I could USE that. And what is the key sequence to activate and deactivate PEP reading on the Pro (or non, for that matter)?

Cortland
KA5S

-----Original Message-----
>From: "doc@..." <doc@...>
>Sent: Oct 15, 2010 12:22 PM
>To: LDG-auto-tuners@yahoogroups.com
>Subject: [LDG-auto-tuners] Re: Compare & Contrast AT-1000 with the Pro?
>
>The latest firmware (in both?) has peak and average meter modes?
>
>The auto mode in the Pro "automatically starts a tuning cycle when
>the SWR exceeds a limit you set." - but in the non-Pro the initial
>setting stays the same unless one manually initiates a re-tune -
>presumably when one observes a SWR change on the meter?
>
>4,000 memories in the Pro whereas the newer firmware adds 200
>to the non-Pro. (making a total of ?? memories in the non-Pro?)
>
>The purpose of the memories is to make a return to settings
>faster and more quiet?
>
>Thanks!
>
>doc
>
>--
> Re: Compare & Contrast AT-1000 with the Pro?
>
>Thu Oct 14, 2010 3:05 pm (PDT)
>
>There are no comparison charts that include discontinued products.
>
>However, the 1000Pro added a larger meter, Auto mode, 4000 memories.
>
>The latest firmware has peak and average meter modes.
>
>The tuning section in both units are nearly the same.
>
>Dwayne Kincaid
>LDG
>

>--- In LDG-auto-tuners@yahoogroups.com
><mailto:LDG-auto-tuners%40yahoogroups.com>, "doc@..." <doc@...> wrote:
>>
>> Is there a feature chart or FAQ that compares and contrasts the
>> AT-1000 with the AT-1000Pro, please?
>>
>> How close is the AT-1000 with the 2.5. upgrade (Adds 200 memories.
>> Improved tuning. Upgrade chip $20.)
>>
>> Thanks!
>
>--
>
>Thanks!& 73, doc, KD4E
>http://KD4E.com
>Have an http://ultrafidian.com day
>Defend free speech or lose your freedom.
>I don't google I SEARCH! http://ixquick.com
>
>
>
>------------------------------------
>
>Yahoo! Groups Links
>
>
>

4449. Re: Feedback needed (Z-817)

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-10-16 18:16:00 UTC
From: Dwayne
Topic: 4431 Message: 4449

Hi Paul,

Good question. We use a circular buffer for the 200 memories where the most recent match found is always first in the list. When more than 200 matches have been found, it throws away the oldest one, thereby keeping the most recent 200 matches stored.

During the development of that technique, we found that just 40 or 50 memories would work very well. But the processor has enough space for 200 memories and we put in as many as it would hold.

So again, no need to erase the memories as it saves a new one every time that it needs to and only throws away the oldest one.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "Paul W. Ross" <deadgoose@...> wrote:
>
> To Dwayne mostly...
>
> Ok, you use a "replacement" algorithm for the Z-817 when it is attached
> to the FT-817ND. What about the "200 memories" when we use it for one of
> our QRP rigs? How does it know, or does it just do a quick search in
> the smaller memory???
>
> Inquiring minds want to know...
>
> /paul W3FIS
>

4450. Re: Feedback needed (Z-817)

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-10-16 22:16:14 UTC
From: W3FIS
Topic: 4431 Message: 4450

>
> Good question. We use a circular buffer for the 200 memories where the most recent match found is always first in the list. When more than 200 matches have been found, it throws away the oldest one, thereby keeping the most recent 200 matches stored.

Ok, classical "most recently used" argument. (sorry, I was a CS prof in an earlier life, among other things).

>
> During the development of that technique, we found that just 40 or 50 memories would work very well. But the processor has enough space for 200 memories and we put in as many as it would hold.

More is always better....
>
> So again, no need to erase the memories as it saves a new one every time that it needs to and only throws away the oldest one.

200 will be more than enough, as the CW portions of 80, 40, 30, and 20 meters are sufficiently narrow that much re-tuning doesn't seem necessary.

Thanks!

/paul W3FIS

4451. Re: [LDG-auto-tuners] Re: Compare & Contrast AT-1000 with the Pro?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-10-17 01:10:37 UTC
From: Cortland Richmond
Topic: 4428 Message: 4451

I found the Pro manual online (used one I bought didn't have a manual)) so I now know how to switch between PEP and average power. Will see what surprises the non-pro firmware update may bring.

Cortland
KA5S

> [Original Message]
> From: Cortland Richmond <ka5s@...>
> To: <LDG-auto-tuners@yahoogroups.com>
> Date: 10/16/2010 10:08:54 AM
> Subject: Re: [LDG-auto-tuners] Re: Compare & Contrast AT-1000 with the Pro?
>
> Non-Pro firrware upgrade? Suspect I could USE that. And what is the key sequence to activate and deactivate PEP reading on the Pro (or non, for that matter)?
>
> Cortland
> KA5S

4452. Re: [LDG-auto-tuners] Re: Feedback needed (Z-817)

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-10-17 11:21:58 UTC
From: Jim
Topic: 4431 Message: 4452

On 10/16/2010 02:16 PM, Dwayne wrote:
> Hi Paul,
>
> Good question. We use a circular buffer for the 200 memories where the most recent match found is always first in the list. When more than 200 matches have been found, it throws away the oldest one, thereby keeping the most recent 200 matches stored.
>
> During the development of that technique, we found that just 40 or 50 memories would work very well. But the processor has enough space for 200 memories and we put in as many as it would hold.
>
> So again, no need to erase the memories as it saves a new one every time that it needs to and only throws away the oldest one.
>
> Dwayne Kincaid
> LDG
>
>

Hi, Dwayne,

Do all of the LDG tuners that have memories use the same technique?
Including the AT-11MP with the upgraded chip?

Thanks,
Jim de K4GVO

4453. KT-100 problem

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-10-17 14:33:38 UTC
From: John
Topic: 4453 Message: 4453

I just recently installed a KT-100 on my new TS-480SAT. The 480 has the internal AT but wanted something that would tune mult-band on my vertical and doublet (I use a mechanical switch to select with a single antenna cable to the radio, on the Ant1 cable). It has been working great until this morning, and now when I power on the radio, the tune light glows red right away and does not go out. The tuner is quiet, does not seem to be in any tuning cycle. I press the tune button on the tuner and it won't go into by-pass, tune, and the red light continues to glow. I press the AT button on the radio and I get the high SWR signal from the radio and the tuner does not tune, change any indication, and the LED continues to glow red. I've rechecked by settings on the radio and it has the right ANT1 selected per instructions in the radio and LDG manual. I've disconnected and reconnected the tuner connections to the radio and the antenna. It has worked great up until now, so anyone have an answer to how to fix this. Is there a reset somewhere. I thought I'd try the group before taking the next steps. TU, 73, John

4454. Re: [LDG-auto-tuners] Re: AT-1000Pro Upgrade

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-10-17 12:50:32 UTC
From: John Parkins
Topic: 4342 Message: 4454

Hello All,

Just to report I have just had a similar lockup. Turned the Pro on
tx'd a bit of power and nothing! No indication on the meter and no
tuning. Removed the power cord for a few seconds, replaced it and all
worked as it should.

Tuesday, October 12, 2010, 12:41:33 PM, you wrote:

v> Hello All,
v> With the new chip after a time the AT1000pro seems to lock up and
v> become unresponsive to the front buttons.
v> Cycle the power at the supply and all is back to where it was and
v> responsive again. Anyone with similar behaviour?
v> Andrew

--
Best regards,
John G8KVP mailto:kvp@...

4455. Re: AT-1000Pro Upgrade

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-10-17 21:01:13 UTC
From: lostfrogsrecords
Topic: 4342 Message: 4455

My upgraded AT-1000Pro has been working flawlessly since the chip replacement. However, at the time of the chip replacement I didn't realize that my shack 13.8V DC supply had failed, and I had been running off of the automatically switched shack battery for a while...unfortunately depleted the battery to ~10V. So when I first tried the newly chipped AT, it seemed to exhibit the symptoms you have described. After a moment's panic (ok, at least half an hour <g>), I discovered the power issue, replaced the PS, and all was well and has been ever since.

So perhaps ensure that the AT power is not marginal?

Dave KI4PSR

--- In LDG-auto-tuners@yahoogroups.com, John Parkins <john@...> wrote:
>
> Hello All,
>
> Just to report I have just had a similar lockup. Turned the Pro on
> tx'd a bit of power and nothing! No indication on the meter and no
> tuning. Removed the power cord for a few seconds, replaced it and all
> worked as it should.
>
>
> Tuesday, October 12, 2010, 12:41:33 PM, you wrote:
>
> v> Hello All,
> v> With the new chip after a time the AT1000pro seems to lock up and
> v> become unresponsive to the front buttons.
> v> Cycle the power at the supply and all is back to where it was and
> v> responsive again. Anyone with similar behaviour?
> v> Andrew
>
>
>
>
>
>
> --
> Best regards,
> John G8KVP mailto:kvp@...
>

4456. z11Pro Version

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-10-18 21:06:11 UTC
From: k8yzk
Topic: 4456 Message: 4456

Just received the Z11Pro (not the II), and wow it is very quiet compared to the AT-11MP(which is still a very nice tuner). The version on the chip say 1.5, so is there a updated version and if so what is the difference? Also anyone using the battery option and do you like it?
I am using mine with a IC-736 that has a bad tuner in it, and like the option of using the tune button again.

Thanks to all and 73
Kurt
K8YZK

4457. Re: Feedback needed (Z-817)

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-10-18 21:33:53 UTC
From: Dwayne
Topic: 4431 Message: 4457

Jim,

We've had so many models and versions over the past 15 years that I don't think ALL of them used that technique. I know in the past five years all of the tuners have had either the 200 circular memories or the memory stored by frequency.

The AT-11MP, Z-11 and the AT-1000 with the last upgrade use the 200 memories.

Dwayne Kincaid
LDG

> Hi, Dwayne,
>
> Do all of the LDG tuners that have memories use the same technique?
> Including the AT-11MP with the upgraded chip?
>
> Thanks,
> Jim de K4GVO
>

4458. Oct Announcements

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-10-22 22:49:53 UTC
From: Dwayne
Topic: 4458 Message: 4458

1) LDG has announced the Free Surge Protector Rebate. Purchase any new (or refurbished) LDG tuner between Oct 15, 2010 and April15, 2011 and receive a Free SP-200 Surge Protector from LDG. The rebate form is downloadable in pdf from our web site. The offer is valid worldwide.

2) We have estimated that we will have about three to four months of upgrades left for the older AT-1000, Z-100 and AT-11MP tuners. The increasing costs and shortages of availabilities will make it difficult to stock these chips in the future.

In addition, it's possible that there may be times starting in 2011 that the chips may not be available at all for repairs of these older tuners.

Dwayne Kincaid
LDG

4459. Re: [LDG-auto-tuners] Oct Announcements

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-10-23 10:42:50 UTC
From: Jim Lynch
Topic: 4458 Message: 4459

On 10/22/2010 06:49 PM, Dwayne wrote:
> 1) LDG has announced the Free Surge Protector Rebate. Purchase any new (or refurbished) LDG tuner between Oct 15, 2010 and April15, 2011 and receive a Free SP-200 Surge Protector from LDG. The rebate form is downloadable in pdf from our web site. The offer is valid worldwide.
>
> 2) We have estimated that we will have about three to four months of upgrades left for the older AT-1000, Z-100 and AT-11MP tuners. The increasing costs and shortages of availabilities will make it difficult to stock these chips in the future.
>
> In addition, it's possible that there may be times starting in 2011 that the chips may not be available at all for repairs of these older tuners.
>
> Dwayne Kincaid
> LDG
>
>
Hi, Dwayne,

Thanks for the very proactive support of all the LDG products.

Have you had any upgrades to the AT-11MP since you first released the
memory option a couple of years back? I'd like to make sure I'm running
the latest.

Thanks,
Jim.

4460. light bulb

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-10-22 23:11:46 UTC
From: Donald
Topic: 4460 Message: 4460

got the new upgraded chip put it in to day and the light in the meter stoped working ldg said the chip wouldnt have anything to do with the light bulb must of gone said i could get one from cheapham they want 5 for the bulb and 7 to ship it any one know anther sorce for the light or what kind of bulb would like to get local and not pay 7 for shipping thanks don

4461. Re: Oct Announcements

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-10-23 15:24:00 UTC
From: Dwayne
Topic: 4458 Message: 4461

Hi Jim,

The memory upgrade for the AT-11MP was the last version that came out for that product. Same for the Z-11.

Dwayne Kincaid

>
> Thanks for the very proactive support of all the LDG products.
>
> Have you had any upgrades to the AT-11MP since you first released the
> memory option a couple of years back? I'd like to make sure I'm running
> the latest.
>
> Thanks,
> Jim.
>

4462. Using Z-11 Pro II with random or long wire antennas

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-10-27 18:38:02 UTC
From: Gordon
Topic: 4462 Message: 4462

I have the Z-11 Pro II, and am want to know if anyone has simply attached a 'long wire' to the inner connector of the antenna plug, and if so - did the tuner match the 'long wire' (30m, or ~100 feet) without either a counterpoise or a ground connection to the antenna tuner, on 80 or 40m bands?

What is the shortest length which I could tune on 80 metres, using the above configuration ?

I have the 4:1 and the 1:1 baluns from LDG, and would like to hear from those of you who have used them with the Z11 Pro II and random/long wires.

My reason for asking is that when 'canoe-portable' on a wilderness campsite & QRP with my FT-817, I need the simplest antenna possible - which works reasonably well !

Gordon VE3JSJ

4463. Re: Using Z-11 Pro II with random or long wire antennas

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-10-27 20:06:56 UTC
From: lawresh
Topic: 4462 Message: 4463

Gordon,

The challenge with end-fed random length wire antennas is some lengths represent a very high impedance at particular frequencies - a condition difficult to match with auto-tuners (which tend to be more limited in matching range - although there are a few exceptions), and most tuners in general.

Years ago, Alan Chester (G3CCB)(SK) proposed a simple solution: Select a wire length such that when used on the bands of interest, the chosen length presented a lower impedance and therefore was easier to match. The secret? Stay away from multiples of 1/2 wave length and opt for lengths in the 1/8 - 3/8 or 5/8 - 7/8 wave length. The trick is to find a single length where this property is true for all the bands of interest. Working through the math, here are the wire lengths he proposed:
26.5m for 160-10M use
15m for 80, 40, 20, 17, 15, 10M use
10m for 80, 40, 30, 17, 12, 10M use

While I haven't tried this particular advice with the Z-11pro, I believe this reasoning makes a good starting point for experiments. So, shorten your 30m wire to 26.5m and test!

Recommended additional reading:
http://www.aa5tb.com/efha.html

Steve
aa8af

--- In LDG-auto-tuners@yahoogroups.com, "Gordon" <g@...> wrote:
>
> I have the Z-11 Pro II, and am want to know if anyone has simply attached a 'long wire' to the inner connector of the antenna plug, and if so - did the tuner match the 'long wire' (30m, or ~100 feet) without either a counterpoise or a ground connection to the antenna tuner, on 80 or 40m bands?
>
>

4464. Re:Using Z-11 Pro II with random or long wire antennas

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-10-28 14:08:34 UTC
From: Paul W. Ross
Topic: 4462 Message: 4464

I have the Z-817, which I assume is similar. I have a 34' wire in the attic, end fed. To get it to tune on 80 meters, I inserted the 4;1 balun, which I leave in for all other bands. Can't do 160, but can tune up through 10 meters. A shorter wire out the window, with no balun does 6 meters.

/paul W3FIS

4465. KT-100 with Kenwood TS-870

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-10-28 19:01:10 UTC
From: mickyp555
Topic: 4465 Message: 4465

Hi

Please can anyone advise me on a KT-100 tuning issue.
When using the tune button on my TS-870, the KT-100 attempts to tune on all bands except 40m. Nothing happens at all - no tuning cycle starts.
On all other bands it attempts to find a match.

My antenna is a 40m Dipole with 20m traps.

Any help would be appreciated.

Regards

Mick
M0GWD

4466. AT-11MP meter Alignment

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-10-28 19:46:40 UTC
From: Billiam
Topic: 4466 Message: 4466

I am driving the AT-11MP with 100 watts but the meter shows about 30 watts. anyone have any ideas to fix this?

4467. What is my new KT-100 doing?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-10-28 20:20:10 UTC
From: Andrew
Topic: 4467 Message: 4467

I purchased a new KT-100 antenna tuner yesterday. I got it all hooked up properly and used it to tune across 20 meters and it worked fine. On 10 meters, however, it wouldn't tune up on a frequency my TS-2000's internal tuner can tune, instead the red "Tuning" led flashes three times after the green "SWR" led goes out. Then I tried 12 and 15 meters and it does the same thing, flashing the red "Tuning" led three times after the green "SWR" led goes out. I tried 17 meters and it seemed to tune, but then it kept trying to tune while flashing between the red "Tuning" led and the green "SWR" led. I again tuned up across 20 meters with no problem, 40 meters, no problem, 60 meters, no problem, 75 meters, no problem, but on 160 meters it will not tune any better than my internal tuner, rather blinking the red "Tuning" led twice after a tuning cycle when it cannot tune up on a frequency.

Is my tuner working as designed? I've used my TS-2000's internal tuner to tune across the 28MHz portion of the 10 meter band, the entire 15 and 40 meter bands, as well as portions of 17, 20, 75 and 160 meters. The only benefit I can see from this tuner is the ability to cover the entire 20, 60 and 75 meter bands, but then I lose the ability to tune 10, 15 and 17 meters.

Andrew Sommers
KD5FHW

4468. AT897 Plus -- manual tune

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-10-28 20:58:48 UTC
From: scotchmandr
Topic: 4468 Message: 4468

I just got an AT897 Plus today and am hoping that I can also do a manual tune like I can on my z817.

There may be times where I don't want to bother with the CAT cable (tired of it falling off on my z817). So, I don't see it in the manual (or I just missed it).

Can I just Switch to AM or PKT like the z817 and then hold the Tune button, Transmit on low power (say 5W or 10W) and let go of the Tune button while Transmitting.

Can this be done with the AT897 with the 897 or even another radio?

Phillip

4469. Re:Using Z-11 Pro II with random or long wire antennas

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-10-28 22:25:18 UTC
From: Gordon
Topic: 4462 Message: 4469

Thanks Paul - Do you connect the wire to the 'red' terminal on the balun, with no wire attached to the black connector ?

Gordon VE3JSJ
==========

--- In LDG-auto-tuners@yahoogroups.com, "Paul W. Ross" <deadgoose@...> wrote:
>
> I have the Z-817, which I assume is similar. I have a 34' wire in the
> attic, end fed. To get it to tune on 80 meters, I inserted the 4;1
> balun, which I leave in for all other bands. Can't do 160, but can tune
> up through 10 meters. A shorter wire out the window, with no balun does
> 6 meters.
>
> /paul W3FIS
>

4470. Re:Using Z-11 Pro II with random or long wire antennas

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-10-29 12:06:12 UTC
From: Paul W. Ross
Topic: 4462 Message: 4470

The antenna goes to the red terminal. The black post goes to the ground/short coax/grounded to building ground.

Also, my feed to my 2 meter/70 cm J pole which is at the end of the attic, runs underneath, so acts as a counterpoise of sorts. This is in the attic off of the spare bedroom that is my "shack." I also have a switch at the mid-point (16') so that I can cut the antenna length down for high bands, if I need to. Prior to the Z-817, I was using a MFJ-902 "Travel Tuner," which is a "T" tuner.

/paul W3FIS

4471. Re:Using Z-11 Pro II with random or long wire antennas

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-10-29 12:36:25 UTC
From: W3FIS
Topic: 4462 Message: 4471

I forgot to mention, the 4:1 balun is the LDG one. That can be run with one output terminal grounded, as an impedance transformer, not as a balun in the usual sense.

/paul W3FIS

4472. Re: What is my new KT-100 doing?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-10-29 23:48:23 UTC
From: W3FIS
Topic: 4467 Message: 4472

I ran on to a similar problem with my Z-817 versus my MFJ-902. The Z-817 would not tune some frequencies until I put a 4:1 balun as an impedance transformer just before the antenna. I have a not-so-long wire in my attic. Since the Z-817 is an "L" design, there are limits to the range it covers. I would assume the same issue with the KT-100.

If you can borrow an antenna analyzer (MFJ or the like), you can get a better idea of what is going on.

I solved my problem by using a 4:1 balun as an impedance transformer to give me better matches on 80 and 40 meters, in my case.

/paul W3FIS

4473. Re: [LDG-auto-tuners] Re: What is my new KT-100 doing?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-10-30 17:45:24 UTC
From: Rudy Benner
Topic: 4467 Message: 4473

In my opinion, a 4:1 voltage balun is a handy thing to keep in the HF pack.

From: W3FIS
Sent: Friday, October 29, 2010 7:48 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: What is my new KT-100 doing?

I ran on to a similar problem with my Z-817 versus my MFJ-902. The Z-817 would not tune some frequencies until I put a 4:1 balun as an impedance transformer just before the antenna. I have a not-so-long wire in my attic. Since the Z-817 is an "L" design, there are limits to the range it covers. I would assume the same issue with the KT-100.

If you can borrow an antenna analyzer (MFJ or the like), you can get a better idea of what is going on.

I solved my problem by using a 4:1 balun as an impedance transformer to give me better matches on 80 and 40 meters, in my case.

/paul W3FIS

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1153 / Virus Database: 424/3226 - Release Date: 10/29/10

[Non-text portions of this message have been removed]

4474. Re: What is my new KT-100 doing?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-10-30 22:04:46 UTC
From: Andrew
Topic: 4467 Message: 4474

My antenna is an Alpha Delta DX-LB Plus dipole that shouldn't need a balun.

What I don't understand is why does it tune up just fine on the lower bands (except 160) but it can't tune up on a 10 meter or 15 meter frequency that my TS-2000's internal tuner can tune up?

Andrew Sommers
KD5FHW

--- In LDG-auto-tuners@yahoogroups.com, "Rudy Benner" <benner@...> wrote:
>
> In my opinion, a 4:1 voltage balun is a handy thing to keep in the HF pack.
>
> From: W3FIS
> Sent: Friday, October 29, 2010 7:48 PM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: [LDG-auto-tuners] Re: What is my new KT-100 doing?
>
>
> I ran on to a similar problem with my Z-817 versus my MFJ-902. The Z-817 would not tune some frequencies until I put a 4:1 balun as an impedance transformer just before the antenna. I have a not-so-long wire in my attic. Since the Z-817 is an "L" design, there are limits to the range it covers. I would assume the same issue with the KT-100.
>
> If you can borrow an antenna analyzer (MFJ or the like), you can get a better idea of what is going on.
>
> I solved my problem by using a 4:1 balun as an impedance transformer to give me better matches on 80 and 40 meters, in my case.
>
> /paul W3FIS
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> --
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> No virus found in this message.
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> Version: 10.0.1153 / Virus Database: 424/3226 - Release Date: 10/29/10
>
>
> [Non-text portions of this message have been removed]
>

4475. Re: [LDG-auto-tuners] Re: What is my new KT-100 doing?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-10-31 12:19:59 UTC
From: Louis Ciotti
Topic: 4467 Message: 4475

Just a thought, but can you add or subtract a few feet from you coax run going to that antenna? Also I assume you have the tuner itself properly grounded. If not ground it to to a common ground that your radio uses.

I actually find it odd that the internal turner can do this, but not the LDG. Doesn't the LDG have a broader range than the internal tuner? Most internal tuners only work up to an SWR of 3:1.

On Sat, Oct 30, 2010 at 6:04 PM, Andrew <f41driver@...> wrote:

>
>
> My antenna is an Alpha Delta DX-LB Plus dipole that shouldn't need a balun.
>
> What I don't understand is why does it tune up just fine on the lower bands
> (except 160) but it can't tune up on a 10 meter or 15 meter frequency that
> my TS-2000's internal tuner can tune up?
>
> Andrew Sommers
> KD5FHW
>
>
> --- In LDG-auto-tuners@yahoogroups.com <LDG-auto-tuners%40yahoogroups.com>,
> "Rudy Benner" <benner@...> wrote:
> >
> > In my opinion, a 4:1 voltage balun is a handy thing to keep in the HF
> pack.
> >
> > From: W3FIS
> > Sent: Friday, October 29, 2010 7:48 PM
> > To: LDG-auto-tuners@yahoogroups.com <LDG-auto-tuners%40yahoogroups.com>
> > Subject: [LDG-auto-tuners] Re: What is my new KT-100 doing?
> >
> >
> > I ran on to a similar problem with my Z-817 versus my MFJ-902. The Z-817
> would not tune some frequencies until I put a 4:1 balun as an impedance
> transformer just before the antenna. I have a not-so-long wire in my attic.
> Since the Z-817 is an "L" design, there are limits to the range it covers. I
> would assume the same issue with the KT-100.
> >
> > If you can borrow an antenna analyzer (MFJ or the like), you can get a
> better idea of what is going on.
> >
> > I solved my problem by using a 4:1 balun as an impedance transformer to
> give me better matches on 80 and 40 meters, in my case.
> >

> > /paul W3FIS
> >
> >
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> > --
> >
> > No virus found in this message.
> > Checked by AVG - www.avg.com
> > Version: 10.0.1153 / Virus Database: 424/3226 - Release Date: 10/29/10
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> > [Non-text portions of this message have been removed]
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4476. Troublesome IT-100

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-11-01 23:04:16 UTC
From: Jan
Topic: 4476 Message: 4476

Hi group,

In January this year I bought an IT-100 tuner for use in the car with an IC 705MkIIG.
After a few months it stopped working. It would not tune from the radio's tune button, or the tune button on the tuner. no lights on the LEDs. I also bought new cables.
Still no response from the tuner. I sent it back to the factory for a check, and got it back with a note saying that there was nothing wrong with it. It performed perfectly on the bench, I was told. I put it back in the car, but it was just dead. Since then it has worked off and on. Now it is not working, but it worked a month ago. I have tested the radio with other tuners, such as the AH-4, and AT-180. They work like they should. Are there others who have experienced similar problems?

Appreciate any suggestions. Thank you.

73's

Jan - LA2XSA

Lytt til

Les fonetisk

Ordbok - <http://www.google.no/dictionary?source=translation&hl=no&q=&langpair=> Vis detaljert ordbokresultat

[Non-text portions of this message have been removed]

4477. New FT-2000 cable

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-11-04 13:15:30 UTC
From: Dwayne
Topic: 4477 Message: 4477

LDG is just releasing the IC-2000 cable that allows generic LDG tuners (Z-100Plus, Z-11ProII, AT-100ProII, AT-200Pro) to interface to the FT-2000 radio. The cable will key the radio while the tuner tunes. It does not supply DC power to the tuner.

The suggested price is $10 and will be available from www.Cheapham.com shortly.

Dwayne Kincaid
LDG

4478. Z-11Pro what I am doing wrong?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-11-04 20:40:43 UTC
From: Petr
Topic: 4478 Message: 4478

Hi,

I realized that when I would like to store the setting on Z-11Pro after manual re-tuning to SWR 1 the tuner recall the preview setting with higher SWR stored after auto tuning. Simply it's not stored my manual tuning.
What I am doing wrong please?
Thank You for kind help,

73 - Petr, OK1RP

4479. Help - Z11Pro with Kenwood AT-300 connector

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-11-06 03:47:01 UTC
From: Ken
Topic: 4479 Message: 4479

My Kenwood TS-590S internal tuner can handle poor matches better than most other internal tuners but it is no match for the Z11Pro.

I realize I can use the Z11Pro without a cable connected to the radio. I would rather have the convenience of using the tune button on the radio, that would provide mode change and power reduction.

Is the Z11Pro compatible with Kenwood AT-300 tuner interface. Is there an interface cable available?

73 - Ken - VE5KC
- http://amateur-radio.ca
- http://ham-radio.ca

4480. AT-100ProII Reset

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-11-07 05:17:19 UTC
From: ab9ta
Topic: 4480 Message: 4480

Greetings,
Does anyone know how to do a reset on the AT-100ProII? I can't find anything in the manual.. I tried the reset procedure in the AT-100Pro manual, (hold Func + Ant + Tune upon power on, then release). That doesn't seem to work, I'm still getting memory tuning, so I don't think it actually reset.

I have a couple of tuneups in memory that land on a high SWR condition. (I think I accidentally hit store when I shoudn't have.) When I force a manual tune on a nearby frequency, the tuneup is correct. I'd like to get the tuner to learn the right tuneup.

I'm also having an odd problem, the SWR reading on the Tuner doesn't match the SWR reading on the TS-480 - on 160M only.
The tuner shows a much higher SWR than the radio and keeps wanting to retune.
On all other bands the two readings are very close when matched.. I'm hoping a reset will cure this also.

73, Bill AB9TA

4481. G5RV Antenna Question

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-11-07 21:04:17 UTC
From: N7GDP-Walt
Topic: 4481 Message: 4481

Run G5RV with LDG AT-200Pro, have no problems, except on 10M, can not tune G5RV on 10 meters any ideals.

73's
Walt N7GDP

[Non-text portions of this message have been removed]

4482. Re: Z-11Pro what I am doing wrong?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-11-07 15:45:49 UTC
From: cwjock2003
Topic: 4478 Message: 4482

--- In LDG-auto-tuners@yahoogroups.com, "Petr" <indians@...> wrote:
>
> Hi,
>
> I realized that when I would like to store the setting on Z-11Pro after manual re-tuning to SWR 1 the tuner recall the preview setting with higher SWR stored after auto tuning. Simply it's not stored my manual tuning.
> What I am doing wrong please?
> Thank You for kind help,
>
> 73 - Petr, OK1RP
>

Petr,
I don't think you are doing anything wrong. My Z-11Pro does the same thing. It also will often continue to retune each time I key the rig on the same freq.

73 Ray W8QAP

4483. Re: Z-11Pro what I am doing wrong?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-11-08 01:05:52 UTC
From: Dwayne
Topic: 4478 Message: 4483

Hello Ray/Peter,

If the tuner retunes after it has found a match, then you may need to raise the threshold, or improve the ground. Try adding RF chokes on the interface cable, ground or DC supply cables.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "cwjock2003" <raybald1138@...> wrote:
>
>
>
>
>
> --- In LDG-auto-tuners@yahoogroups.com, "Petr" <indians@> wrote:
> >
> > Hi,
> >
> > I realized that when I would like to store the setting on Z-11Pro after manual re-tuning to SWR 1 the tuner recall the preview setting with higher SWR stored after auto tuning. Simply it's not stored my manual tuning.
> > What I am doing wrong please?
> > Thank You for kind help,
> >
> > 73 - Petr, OK1RP
> >
>
> Petr,
> I don't think you are doing anything wrong. My Z-11Pro does the same thing. It also will often continue to retune each time I key the rig on the same freq.
>
> 73 Ray W8QAP
>

4484. Re: [LDG-auto-tuners] G5RV Antenna Question

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-11-08 00:42:05 UTC
From: lrouxx@sbcglobal.net
Topic: 4481 Message: 4484

Try adding a short random length of coax to you feedline.

GL es 73,

Lou - W6UR

On 11/7/2010 1:04 PM, N7GDP-Walt wrote:
> Run G5RV with LDG AT-200Pro, have no problems, except on 10M, can not tune G5RV on 10 meters any ideals.
>
> 73's
> Walt N7GDP
>
> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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4485. Re: [LDG-auto-tuners] G5RV Antenna Question

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-11-08 01:10:51 UTC
From: Joe
Topic: 4481 Message: 4485

Try adding about 10 feet to the feedline on the antenna side of the tuner. You might just have to do this on 10 meters. I had a G5RV years ago that did the same thing.

73, Joe, K1ike

On 11/7/2010 4:04 PM, N7GDP-Walt wrote:
> Run G5RV with LDG AT-200Pro, have no problems, except on 10M, can not tune G5RV on 10 meters any ideals.
>
> 73's
> Walt N7GDP
>
> [Non-text portions of this message have been removed]
>

4486. Re: [LDG-auto-tuners] G5RV Antenna Question

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-11-08 01:53:07 UTC
From: N7GDP-Walt
Topic: 4481 Message: 4486

Lou

Thanks will add cable this weeks

73's
Walt N7GDP

From: lrouxx@sbcglobal.net
Sent: Sunday, November 07, 2010 17:42
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] G5RV Antenna Question

Try adding a short random length of coax to you feedline.

GL es 73,

Lou - W6UR

On 11/7/2010 1:04 PM, N7GDP-Walt wrote:
> Run G5RV with LDG AT-200Pro, have no problems, except on 10M, can not tune G5RV on 10 meters any ideals.
>
> 73's
> Walt N7GDP
>
> [Non-text portions of this message have been removed]
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[Non-text portions of this message have been removed]

4487. Re: G5RV Antenna Question

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-11-08 08:40:27 UTC
From: Ken
Topic: 4481 Message: 4487

Hi Walt,

There are so many variation of the original antenna and each can be different..

How are you feeding your G5RV?

Do you connect your coax directly to the twin lead where they join or do you use a balun?

The original G5RV was never intended for this kind of use. It was designed to be used with tube rigs. It was especially good on 20 meters from what I remember. The other big plus of the antenna was that it didn't need a tuner.. For those of us who still remember the tube radios, you had to tune them up to match the antenna load and thus they could work with a broad range of loads eg. 25 to 200 ohms for example.. They were not fixed to the 50 ohm requirement of the modern radios.

If your into some experimenting.. I have found that I got much better performance with a balanced antenna fed with the twin lead which is then attached to a balun where you connect the coax. It makes more sense to me to connect the balanced feed line to an antenna that is the same length on both sides, making it a balances load. I've used antennas like this for the last 25 years and have found they tune easily on all bands.

Due to limited at the senior place where I retired, my current antenna is a real compromise but it works, very well, on 80-6 meters. Total length is 80 feet, fed in the center.. (40ft per side) with a short length of 300 ohm TV twinlead. The twinlead goes to an LDG balun where the coax is connected for the run into the house. The highest point of the antenna is 22 feet with the ends around 12 feet. With this antenna I often help out with nets and even work DX. I even worked some DX during the SSB contest last week and that is with 100 watts. In the past, I've used longer and higher version which also tuned well on all bands.

Do yourself a big favor, don't waste your money buying antennas. You don't need a G5RV or a tuned 80 or 40 meter antenna to use with an auto tuner.. Having an antenna tuned to a specific band can sometime cause problems with these tuners. Wire antennas are still one of the things we can build and play with ourselves.. even us older OMs.. hi..

Most of all have fun playing with your wires, stringing up various combination.. what ever you can hang up most likely will work fine. When you make contact with an antenna that is some what unusual you have that pride of doing your own thing.. In the process you might invent the next great famous antenna.. hi..

73 - Ken - VE5KC
- http://amateur-radio.ca
- http://ham-radio.ca

--- In LDG-auto-tuners@yahoogroups.com, "N7GDP-Walt" <n7gdp@...> wrote:
>
> Run G5RV with LDG AT-200Pro, have no problems, except on 10M, can not tune G5RV on 10

meters any ideals.
>
> 73's
> Walt N7GDP
>
> [Non-text portions of this message have been removed]
>

4488. Re: Help - Z11Pro with Kenwood AT-300 connector

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-11-08 08:51:25 UTC
From: Ken
Topic: 4479 Message: 4488

Dwayne, could please reply to this??

I've done a bunch of surfing and studying and from what I found it would appear that the Icom and Kenwood AT-300 tuner standards are completely different. (not compatible)

Can anyone confirm this from their experience? Has anyone tried to wire the tuner on their LDG tuner that works with Icom radios to the AT-300 connector on a Kenwood rig?? Be honest.. confess hi..

As to my comments about the TS-590S tuner, removing an antenna switch and patch cable for the feed path to the radio solved my problem. I can now tune my antenna on 80 - 6 meters with the built in tuner.

73 - Ken - VE5KC
- http://amateur-radio.ca
- http://ham-radio.ca

--- In LDG-auto-tuners@yahoogroups.com, "Ken" <ve5kc@...> wrote:
>
> My Kenwood TS-590S internal tuner can handle poor matches better than most other internal tuners but it is no match for the Z11Pro.
>
> I realize I can use the Z11Pro without a cable connected to the radio. I would rather have the convenience of using the tune button on the radio, that would provide mode change and power reduction.
>
> Is the Z11Pro compatible with Kenwood AT-300 tuner interface. Is there an interface cable available?
>
> 73 - Ken - VE5KC
> - http://amateur-radio.ca
> - http://ham-radio.ca
> ----
>

4489. Re: [LDG-auto-tuners] Re: G5RV Antenna Question

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-11-08 10:44:29 UTC
From: SATYAN VU3MES
Topic: 4481 Message: 4489

Hello Walt

Thanks for the timely article, well ?I had been through ?a similar situation here for the last couple of months. My qth is being reconstructed and had to remove all my beloved wire?multi band?antennas. The temporary qth where we stay does not have provisions to put up large antennas on the terrace. However with full faith in my ldgz11pro I have rigged up a wire dipole that is 16 feet on one arm and 35 feet on the other up about 30 feet. The contraption is fed with a coaxial and I am able to make contacts in all bands except 3.5?MHz. For me the main bands 7 and 14 are?perfectly?workable these days.There is lot of scope to experiment with wire antennas and instead of keeping quiet one can?definitely?work around this way.

73s de VU3MES
chennai - india - qth location website.
http://www.findu.com/cgi-bin/find.cgi?call=vu3mes
http://www.qrz.com/callsign/vu3mes
http://www.satyansarath.param.mobi [mobile web page]

----- Original message -----
From: "Ken□" <ve5kc@...>
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: G5RV Antenna Question
Date: Mon, 08 Nov 2010 08:40:27 -0000

?

Hi Walt,

There are so many variation of the original antenna and each can be different..

How are you feeding your G5RV?

Do you connect your coax directly to the twin lead where they join or do you use a balun?

The original G5RV was never intended for this kind of use. It was designed to be used with tube rigs. It was especially good on 20 meters from what I remember. The other big plus of the antenna was that it didn't need a tuner.. For those of us who still remember the tube radios, you had to tune them up to match the antenna load and thus they could work with a broad range of loads eg. 25 to 200 ohms for example.. They were not fixed to the 50 ohm requirement of the modern radios.

If your into some experimenting.. I have found that I got much better performance with a balanced antenna fed with the twin lead which is then attached to a balun where you connect the coax. It makes more sense to me to connect the balanced feed line to an antenna that is the same length on both sides, making it a balances load. I've used antennas like this for the last 25 years and have found they tune easily on all bands.

Due to limited at the senior place where I retired, my current antenna is a real compromise but it works, very well, on 80-6 meters. Total length is 80 feet, fed in the center.. (40ft per side) with a short length of 300 ohm TV twinlead. The twinlead goes to an LDG balun where the coax is connected for the run into the house. The highest point of the antenna is 22 feet with the ends around 12 feet. With this antenna I often help out with nets and even work DX. I even worked some DX during the SSB contest last week and that is with 100 watts. In the past, I've used longer and higher version which also tuned well on all bands.

Do yourself a big favor, don't waste your money buying antennas. You don't need a G5RV or a tuned 80 or 40 meter antenna to use with an auto tuner.. Having an antenna tuned to a specific band can sometime cause problems with these tuners. Wire antennas are still one of the things we can build and play with ourselves.. even us older OMs.. hi..

Most of all have fun playing with your wires, stringing up various combination.. what ever you can hang up most likely will work fine. When you make contact with an antenna that is some what unusual you have that pride of doing your own thing.. In the process you might invent the next great famous antenna.. hi..

73 - Ken - VE5KC
- http://amateur-radio.ca
- http://ham-radio.ca

--- In LDG-auto-tuners@yahoogroups.com, "N7GDP-Walt" <n7gdp@...> wrote:
>
> Run G5RV with LDG AT-200Pro, have no problems, except on 10M, can not tune G5RV on 10 meters any ideals.
>
> 73's
> Walt N7GDP
>
> [Non-text portions of this message have been removed]
>

Ovi Mail: Making email access easy
http://mail.ovi.com

[Non-text portions of this message have been removed]

4490. Re: Help - Z11Pro with Kenwood AT-300 connector

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-11-08 13:21:40 UTC
From: Dwayne
Topic: 4479 Message: 4490

Ken,

You are correct. The Icom and Kenwood interfaces are completely different.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "Ken" <ve5kc@...> wrote:
>
> Dwayne, could please reply to this??
>
> I've done a bunch of surfing and studying and from what I found it would appear that the Icom and Kenwood AT-300 tuner standards are completely different. (not compatible)
>
> Can anyone confirm this from their experience? Has anyone tried to wire the tuner on their LDG tuner that works with Icom radios to the AT-300 connector on a Kenwood rig?? Be honest.. confess hi..
>
> As to my comments about the TS-590S tuner, removing an antenna switch and patch cable for the feed path to the radio solved my problem. I can now tune my antenna on 80 - 6 meters with the built in tuner.
>
> 73 - Ken - VE5KC
> - http://amateur-radio.ca
> - http://ham-radio.ca
> ----
>
>
> --- In LDG-auto-tuners@yahoogroups.com, "Ken" <ve5kc@> wrote:
> >
> > My Kenwood TS-590S internal tuner can handle poor matches better than most other internal tuners but it is no match for the Z11Pro.
> >
> > I realize I can use the Z11Pro without a cable connected to the radio. I would rather have the convenience of using the tune button on the radio, that would provide mode change and power reduction.
> >
> > Is the Z11Pro compatible with Kenwood AT-300 tuner interface. Is there an interface cable available?
> >
> > 73 - Ken - VE5KC
> > - http://amateur-radio.ca
> > - http://ham-radio.ca
> > ----
> >
>

4491. Re: [LDG-auto-tuners] Re: Help - Z11Pro with Kenwood AT-300 connector

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-11-08 13:34:10 UTC
From: Louis Ciotti
Topic: 4479 Message: 4491

Dwayne,

What do the LDG tuners expect to see on the Radio input connector that enables them to tune with the radio's tune button. Seems to me that some sort of interface can be made that will allow different radios to work properly.

Lou

On Mon, Nov 8, 2010 at 8:21 AM, Dwayne <ldgyahoo@ldgelectronics.com> wrote:

>
>
> Ken,
>
> You are correct. The Icom and Kenwood interfaces are completely different.
>
> Dwayne Kincaid
> LDG
>
> --- In LDG-auto-tuners@yahoogroups.com <LDG-auto-tuners%40yahoogroups.com>,
> "Ken" <ve5kc@...> wrote:
> >
> > Dwayne, could please reply to this??
> >
> > I've done a bunch of surfing and studying and from what I found it would
> appear that the Icom and Kenwood AT-300 tuner standards are completely
> different. (not compatible)
> >
> > Can anyone confirm this from their experience? Has anyone tried to wire
> the tuner on their LDG tuner that works with Icom radios to the AT-300
> connector on a Kenwood rig?? Be honest.. confess hi..
> >
> > As to my comments about the TS-590S tuner, removing an antenna switch and
> patch cable for the feed path to the radio solved my problem. I can now tune
> my antenna on 80 - 6 meters with the built in tuner.
> >
> > 73 - Ken - VE5KC
> > - http://amateur-radio.ca
> > - http://ham-radio.ca
> > ----
> >
> >
> > --- In LDG-auto-tuners@yahoogroups.com<LDG-auto-tuners%40yahoogroups.com>,
> "Ken" <ve5kc@> wrote:
> > >

> > > My Kenwood TS-590S internal tuner can handle poor matches better than
> most other internal tuners but it is no match for the Z11Pro.
> > >
> > > I realize I can use the Z11Pro without a cable connected to the radio.
> I would rather have the convenience of using the tune button on the radio,
> that would provide mode change and power reduction.
> > >
> > > Is the Z11Pro compatible with Kenwood AT-300 tuner interface. Is there
> an interface cable available?
> > >
> > > 73 - Ken - VE5KC
> > > - http://amateur-radio.ca
> > > - http://ham-radio.ca
> > > ----
> > >
> >
>
>
>

[Non-text portions of this message have been removed]

4492. Re: Help - Z11Pro with Kenwood AT-300 connector

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-11-08 16:40:46 UTC
From: Dwayne
Topic: 4479 Message: 4492

See message 4387.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, Louis Ciotti <k2lrv@...> wrote:
>
> Dwayne,
>
> What do the LDG tuners expect to see on the Radio input connector that
> enables them to tune with the radio's tune button. Seems to me that some
> sort of interface can be made that will allow different radios to work
> properly.
>
> Lou
>
> On Mon, Nov 8, 2010 at 8:21 AM, Dwayne <ldgyahoo@...> wrote:
>
> > >
> > >
> > > Ken,
> > >
> > > You are correct. The Icom and Kenwood interfaces are completely different.
> > >
> > > Dwayne Kincaid
> > > LDG
> > >
> > > --- In LDG-auto-tuners@yahoogroups.com <LDG-auto-tuners%40yahoogroups.com>,
> > > "Ken" <ve5kc@> wrote:
> > > >
> > > > Dwayne, could please reply to this??
> > > >
> > > > I've done a bunch of surfing and studying and from what I found it would
> > > > appear that the Icom and Kenwood AT-300 tuner standards are completely
> > > > different. (not compatible)
> > > >
> > > > Can anyone confirm this from their experience? Has anyone tried to wire
> > > > the tuner on their LDG tuner that works with Icom radios to the AT-300
> > > > connector on a Kenwood rig?? Be honest.. confess hi..
> > > >
> > > > As to my comments about the TS-590S tuner, removing an antenna switch and
> > > > patch cable for the feed path to the radio solved my problem. I can now tune
> > > > my antenna on 80 - 6 meters with the built in tuner.
> > > >
> > > > 73 - Ken - VE5KC

> > > - http://amateur-radio.ca
> > > - http://ham-radio.ca
> > > ----
> > >
> > >
> > > --- In LDG-auto-tuners@yahoogroups.com<LDG-auto-tuners%40yahoogroups.com>,
> > "Ken" <ve5kc@> wrote:
> > > >
> > > > My Kenwood TS-590S internal tuner can handle poor matches better than
> > most other internal tuners but it is no match for the Z11Pro.
> > > >
> > > > I realize I can use the Z11Pro without a cable connected to the radio.
> > I would rather have the convenience of using the tune button on the radio,
> > that would provide mode change and power reduction.
> > > >
> > > > Is the Z11Pro compatible with Kenwood AT-300 tuner interface. Is there
> > an interface cable available?
> > > >
> > > > 73 - Ken - VE5KC
> > > > - http://amateur-radio.ca
> > > > - http://ham-radio.ca
> > > > ----
> > > >
> > >
> > >
> > >
> >
> >
> [Non-text portions of this message have been removed]
>

4493. Re: Help - Z11Pro with Kenwood AT-300 connector

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-11-09 02:55:05 UTC
From: Ken
Topic: 4479 Message: 4493

Thanks Dwayne,

I hope someday you might sell as tuner that allows the user to select the type of radio interface to use. The MFJ guys are selling one like that now. This would be great for those with several radios, of different brands, not needing to buy several tuners. The RF tune solution works but not as nice as being able to use the radio's tune function.

73 - Ken - VE5KC
- http://amateur-radio.ca
- http://ham-radio.ca

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
> Ken,
>
> You are correct. The Icom and Kenwood interfaces are completely different.
>
> Dwayne Kincaid
> LDG
>

4494. Re: Help - Z11Pro with Kenwood AT-300 connector

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-11-09 16:56:20 UTC
From: Dwayne
Topic: 4479 Message: 4494

Hi Ken,

Yes, that's a tough call. We used to do that about 5 years ago. We had little interface boxes with microprocessors inside that would convert the interface to different radios and our generic tuners.

However, that added $50 for every interface and an extra level of complexity. In the end, it was way easier to have a plug and play tuner specifically designed for a specific radio (or group of radios).

We couldn't justify a $175 tuner and then another $150 for three interface cables for three different radios.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "Ken" <ve5kc@...> wrote:
>
> Thanks Dwayne,
>
> I hope someday you might sell as tuner that allows the user to select the type of radio interface to use. The MFJ guys are selling one like that now. This would be great for those with several radios, of different brands, not needing to buy several tuners. The RF tune solution works but not as nice as being able to use the radio's tune function.
>
> 73 - Ken - VE5KC
> - http://amateur-radio.ca
> - http://ham-radio.ca
> ----

4495. Z11-Pro for outdoor

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-11-09 22:20:51 UTC
From: at91r40008
Topic: 4495 Message: 4495

I like the LDG tuners but I always struggled to find an affordable box to use my Z11-Pro outside.
I tried different electrical boxes but the bugs and in particular spiders always got in. So did the humidity.
Finally, I realized that I could use one those hermetic instrument cases that I was using for my K2, KX1 and K1. Yes, I know, why did it take me so long to think about it!
And they are not expensive ($24). Add to this a pair of barrel connectors and two male/male coupler. The mechanic was easy as the plastic is relatively soft.
It has been outside for two months now and we had pouring rains a few times and no bugs nor humidity inside.

See pictures in the picture section for details.

73, Yvon NU6I

4496. Re: Z11-Pro for outdoor

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-11-10 13:56:01 UTC
From: ve3wmb
Topic: 4495 Message: 4496

Yvon :

Do you know what sort of plastic these boxes are made out of?

Hint .. look for the plastic recycle code. Your box looks like a Pelican case but not exactly.
If it is Polypropylene you might get a year of continuous use before it falls apart due to UV. I considered using a Pelican case but discovered that they are Polypropylene.

I tried a number of different boxes and finally settled on a Lexan waterproof box made by GSI :

http://gsioutdoors.com/products/pdp/lexan_l_gear_box/ .

I just bought a new one this year as I found that after a couple of years the rubber on the seal of the previous one started to deteriorate (it became sticky) and started to let in a bit of moisture. Lexan is very easy to work with. It is very hard but not brittle and can be drilled with a wood bit without cracking. Lexan is very UV tolerant.

Michael VE3WMB

P.S. My LDG QRP Autotuner tuner sits on the side fence in the back yard and is used to match a sloping 100 ft delta loop strung between the house and the back fence.
I'll post some pictures.

P.P.S. I always leave a very small drain hole in the bottom of the box to let out any moisture. My tuner has been outside for at least 5 years.

--- In LDG-auto-tuners@yahoogroups.com, "at91r40008" <nu6i@...> wrote:
>
> I like the LDG tuners but I always struggled to find an affordable box to use my Z11-Pro outside.
> I tried different electrical boxes but the bugs and in particular spiders always got in. So did the humidity.
> Finally, I realized that I could use one those hermetic instrument cases that I was using for my K2, KX1 and K1. Yes, I know, why did it take me so long to think about it!
> And they are not expensive ($24). Add to this a pair of barrel connectors and two male/male coupler. The mechanic was easy as the plastic is relatively soft.
> It has been outside for two months now and we had pouring rains a few times and no bugs nor humidity inside.
>
> See pictures in the picture section for details.
>
> 73, Yvon NU6I
>

4497. Re: Z11-Pro for outdoor

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-11-10 01:58:59 UTC
From: kb0naz
Topic: 4495 Message: 4497

got a link ?

I found a box at the local Farm & Fleet store in the fishing/boat isle,made by Plano as a " marine waterproof storage box",that has a waterproof rubber seal in the lid.Plenty big enough for the LDG Z11 Pro,an MFJ bias T,a balun or unun and then some,I think it was $10 if I remember right.I'm going to get another.
Scott KB0NAZ
--- In LDG-auto-tuners@yahoogroups.com, "at91r40008" <nu6i@...> wrote:
>
> I like the LDG tuners but I always struggled to find an affordable box to use my Z11-Pro outside.
> I tried different electrical boxes but the bugs and in particular spiders always got in. So did the humidity.
> Finally, I realized that I could use one those hermetic instrument cases that I was using for my K2, KX1 and K1. Yes, I know, why did it take me so long to think about it!
> And they are not expensive ($24). Add to this a pair of barrel connectors and two male/male coupler. The mechanic was easy as the plastic is relatively soft.
> It has been outside for two months now and we had pouring rains a few times and no bugs nor humidity inside.
>
> See pictures in the picture section for details.
>
> 73, Yvon NU6I
>

4498. Waterproof External Box for Auto Tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-11-10 14:27:49 UTC
From: ve3wmb
Topic: 4498 Message: 4498

I just created a new folder in the Photo section of this group and posted some pictures of my externally mounted LDG QRP Autotuner. Just look for the folder starting with "VE3WMB".

This tuner has been operating outside for the past 5 years. As I mentioned in a previous posting, I am using a waterproof Lexan camping box made by GSI. This box has been in use for the past year, replacing one that was out for a couple of years before the seal started to fail.

Previously I tried using various food storage containers but inevitably some part of them was made out of Polypropylene and crumbled in less than a year's exposure to the sun.

BTW the antenna is a sloping 100 ft Delta loop with the apex at about 20 feet (attached to the raingutters on the house) and the base is at about 8 feet, attached to the back fence at the corners of the lot. I am using an LDG 4:1 balun and the Original QRP Autotuner set to AUTO mode. Power is supplied via two conductors of rotator cable (both leads fused) to a P/S in the shack. I use about 8 feet of homemade open wire line from the antenna feedpoint (approx. 1/4 wave on 30m down from the apex) to the 4:1 balun) I use this antenna primarily on 40m and 30m but it will match on 80m and makes a pretty reasonable RX antenna on that band. The tuner will match it from 80m through 10m.

Michael VE3WMB

P.S. I hope that this provides some ideas for anyone else looking to mount an LDG tuner outside.

4499. At 1000pro >K3

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-11-10 17:19:35 UTC
From: lmidtboe
Topic: 4499 Message: 4499

Has anyone made remote cabling to Elecraft K3 ??
And how if possible?
73 de La2rra Lars M

4500. FT-950 and LDG AT-1000Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-11-10 17:36:42 UTC
From: wb8nbi
Topic: 4500 Message: 4500

Has anyone figered out to make a remote cable for the FT-950. I was able to make one for the FT-2000 using thr TX request connector, but am having trouble with the 950 not sure what does what on the 8 pin mini din.

4501. Re: [LDG-auto-tuners] FT-950 and LDG AT-1000Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-11-10 22:23:18 UTC
From: Irwin roitman
Topic: 4500 Message: 4501

i have a suggestion. look at the wiring diagram for the fc-40 remote tuner that is totally compatible with the ft-950 and you should get the pinout connection.
irwin roitman

From: wb8nbi <wb8nbi@...>
To: LDG-auto-tuners@yahoogroups.com
Sent: Wed, November 10, 2010 11:36:42 AM
Subject: [LDG-auto-tuners] FT-950 and LDG AT-1000Pro

Has anyone figered out to make a remote cable for the FT-950. I was able to make one for the FT-2000 using thr TX request connector, but am having trouble with the 950 not sure what does what on the 8 pin mini din.

[Non-text portions of this message have been removed]

4502. Re: FT-950 and LDG AT-1000Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-11-11 04:42:03 UTC
From: Dwayne
Topic: 4500 Message: 4502

The problem with the 450 and 950 is that the interface is serial data. The Icom and Kenwood are simple discrete signals that are ground activated. Although Kenwood uses a different signal type than the Icom, those two are more similar than the Yaesu serial data system.

The exception to this was the 857 and 897 and we used the ACC port to key the radio with a ground going signal.

It's been very frustrating for us to build tuners for Yaesu radios as nearly all Yaesu radios have a unique serial type interfaces. The first one we did was the FT-100, then the 857 and 897. These were all fairly similar. Then the 817 was different (not enough DC power on the CAT port to run a tuner). Then 450 and 950 and those were again different. Lastly we're adding a tuner this month for the FT-847, but that is yet different and even uses a different connector for the CAT port.

Fortunately, the FT-2000 has a port that is similar to the ACC port on the 857/897, so a simple cable that provides ground can key the radio wile the tuner tunes. However, it uses yet a different connector so we had to make yet another cable.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, Irwin roitman <berlinwallpaper@...> wrote:
>
> i have a suggestion. look at the wiring diagram for the fc-40 remote tuner that
> is totally compatible with the ft-950 and you should get the pinout connection.
> irwin roitman
>
>
>
>
> _____
> From: wb8nbi <wb8nbi@...>
> To: LDG-auto-tuners@yahoogroups.com
> Sent: Wed, November 10, 2010 11:36:42 AM
> Subject: [LDG-auto-tuners] FT-950 and LDG AT-1000Pro
>
> Â
> Has anyone figered out to make a remote cable for the FT-950. I was able to make
> one for the FT-2000 using thr TX request connector, but am having trouble with
> the 950 not sure what does what on the 8 pin mini din.
>
>
>
>
> [Non-text portions of this message have been removed]
>

4503. Re: Z-11Pro what I am doing wrong?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-11-11 13:45:38 UTC
From: Petr
Topic: 4478 Message: 4503

Hello,

thank You Dwayne for reply. In that case I not mean the tuner re-tune after it has found match but it re-call from memory preview setting although I tuned it manually to exact SWR 1 and tried to store it. My understanding was that when I will push button to tune my antenna in auto mode (threshold is set to lowest) and I find that final SWR is not 1 then I will be able to manualy fine tuning to SWR 1 and store it. After the tuner should stay on that untill SWR will change. Unfortunatelly tuner after key down immediatelly re-call from memory preview setting reached in auto mode which is worse SWR than my manual fine tuning. Simply it seems like tuner does not store my manual tuning or not re-call it from memory...

Thank You for advice.

73 - Petr, OK1RP

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
> Hello Ray/Peter,
>
> If the tuner retunes after it has found a match, then you may need to raise the threshold, or improve the ground. Try adding RF chokes on the interface cable, ground or DC supply cables.
>
> Dwayne Kincaid
> LDG
>
> --- In LDG-auto-tuners@...m, "cwjock2003" <raybald1138@> wrote:
> >
> >
> >
> >
> >
> > --- In LDG-auto-tuners@yahoogroups.com, "Petr" <indians@> wrote:
> > >
> > > Hi,
> > >
> > > I realized that when I would like to store the setting on Z-11Pro after manual re-tuning to SWR 1 the tuner recall the preview setting with higher SWR stored after auto tuning. Simply it's not stored my manual tuning.
> > > What I am doing wrong please?
> > > Thank You for kind help,
> > >
> > > 73 - Petr, OK1RP
> > >
> >
> > Petr,

> > I don't think you are doing anything wrong. My Z-11Pro does the same thing. It also will often continue to retune each time I key the rig on the same freq.
> >
> > 73 Ray W8QAP
> >
>

4504. Re: [LDG-auto-tuners] Re: FT-950 and LDG AT-1000Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-11-11 14:53:09 UTC
From: Jimmy (WB8NB)
Topic: 4500 Message: 4504

☐Dwayne:
I guess I was hopeing that since you were able to make a tuner that worked with the FT-450 and FT-950 you would be able to make a interface to work with the 950 and 450 with your other tuners since I have both radios.

DE Jimmy (WB8NBI)

From: Dwayne
Sent: Wednesday, November 10, 2010 11:42 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: FT-950 and LDG AT-1000Pro

The problem with the 450 and 950 is that the interface is serial data. The Icom and Kenwood are simple discrete signals that are ground activated. Although Kenwood uses a different signal type than the Icom, those two are more similar than the Yaesu serial data system.

The exception to this was the 857 and 897 and we used the ACC port to key the radio with a ground going signal.

It's been very frustrating for us to build tuners for Yaesu radios as nearly all Yaesu radios have a unique serial type interfaces. The first one we did was the FT-100, then the 857 and 897. These were all fairly similar. Then the 817 was different (not enough DC power on the CAT port to run a tuner). Then 450 and 950 and those were again different. Lastly we're adding a tuner this month for the FT-847, but that is yet different and even uses a different connector for the CAT port.

Fortunately, the FT-2000 has a port that is similar to the ACC port on the 857/897, so a simple cable that provides ground can key the radio wile the tuner tunes. However, it uses yet a different connector so we had to make yet another cable.

Dwayne Kincaid
LDG

--- In mailto:LDG-auto-tuners%40yahoogroups.com, Irwin roitman <berlinwallpaper@...>
wrote:
>
> i have a suggestion. look at the wiring diagram for the fc-40 remote tuner that
> is totally compatible with the ft-950 and you should get the pinout connection.
> irwin roitman
>
>
>
>
> _____
> From: wb8nbi <wb8nbi@...>
> To: mailto:LDG-auto-tuners%40yahoogroups.com
> Sent: Wed, November 10, 2010 11:36:42 AM
> Subject: [LDG-auto-tuners] FT-950 and LDG AT-1000Pro

>
> Â
> Has anyone figered out to make a remote cable for the FT-950. I was able to make
> one for the FT-2000 using thr TX request connector, but am having trouble with
> the 950 not sure what does what on the 8 pin mini din.
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

4505. Re: Z-11Pro what I am doing wrong?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-11-15 23:23:40 UTC
From: Dwayne
Topic: 4478 Message: 4505

Hello Petr,

It may be that the tuner is finding the best SWR that "it" thinks it can find. Since we store a memory for several KHz of frequency, we also look at the next higher and lower memory to see if it finds something better. This is because our frequency counter is not as accurate as the one on the radio and it would take many tens of thousands memories to come close (and it would take an obnoxiously long time to set all your favorite freqs).

So even if you find something better and store it, if the tuner thinks it can find something that "it" thinks is better, it will choose that every time.

If you are using an external meter, they may read something different. We understand that it really only matters what the radio thinks is a good SWR, so if an external meter or even the tuner think something different, it does not matter.

We don't normally recommend setting the threshold to the lowest level. That sometimes will cause an abnormal amount of retunes. We'd like it to be set at around 1.7 or 2.0 so that it only memory retunes when the match is really bad. We're presuming that you have come from another band and will be happy with the memory tune. If not, then you can do a full tune with adjustments to the up/down of the L and C to suit your requirements.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "Petr" <indians@...> wrote:
>
> Hello,
>
> thank You Dwayne for reply. In that case I not mean the tuner re-tune after it has found match but it re-call from memory preview setting although I tuned it manually to exact SWR 1 and tried to store it. My understanding was that when I will push button to tune my antenna in auto mode (threshold is set to lowest) and I find that final SWR is not 1 then I will be able to manualy fine tuning to SWR 1 and store it. After the tuner should stay on that untill SWR will change. Unfortunatelly tuner after key down immediatelly re-call from memory preview setting reached in auto mode which is worse SWR than my manual fine tuning. Simply it seems like tuner does not store my manual tuning or not re-call it from memory...
>
> Thank You for advice.
>
> 73 - Petr, OK1RP
>
>
> --- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@> wrote:
> >
> > Hello Ray/Peter,
> >

> > If the tuner retunes after it has found a match, then you may need to raise the threshold, or improve the ground. Try adding RF chokes on the interface cable, ground or DC supply cables.
> >
> > Dwayne Kincaid
> > LDG
> >
> > --- In LDG-auto-tuners@yahoogroups.com, "cwjock2003" <raybald1138@> wrote:
> > >
> > >
> > >
> > >
> > >
> > > --- In LDG-auto-tuners@yahoogroups.com, "Petr" <indians@> wrote:
> > > >
> > > > Hi,
> > > >
> > > > I realized that when I would like to store the setting on Z-11Pro after manual re-tuning to SWR 1 the tuner recall the preview setting with higher SWR stored after auto tuning. Simply it's not stored my manual tuning.
> > > > What I am doing wrong please?
> > > > Thank You for kind help,
> > > >
> > > > 73 - Petr, OK1RP
> > > >
> > >
> > > Petr,
> > > I don't think you are doing anything wrong. My Z-11Pro does the same thing. It also will often continue to retune each time I key the rig on the same freq.
> > >
> > > 73 Ray W8QAP
> > >
> >
>

4506. bypass mode

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-11-16 16:39:37 UTC
From: Barry
Topic: 4506 Message: 4506

Hi Dwayne - I am using the AT-1000 Pro Autotuner (with the most recent chip upgrade) with an Icom 756P3 and a PW-1 in front of it. When I put the tuner into bypass mode (three blinks of the Tune/Store button) and transmit, the unit reverts and is no longer in bypass mode. I have a triband yagi attached to Ant1. Is this proper behavior or is there something wrong?

Thanks. Barry, N2MAD

4507. Re: bypass mode

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-11-17 12:59:32 UTC
From: Murf
Topic: 4506 Message: 4507

Barry..
you need to turn off the Auto tune button also.

--- In LDG-auto-tuners@yahoogroups.com, "Barry" <barry@...> wrote:
>
> Hi Dwayne - I am using the AT-1000 Pro Autotuner (with the most recent chip upgrade) with an Icom 756P3 and a PW-1 in front of it. When I put the tuner into bypass mode (three blinks of the Tune/Store button) and transmit, the unit reverts and is no longer in bypass mode. I have a triband yagi attached to Ant1. Is this proper behavior or is there something wrong?
>
> Thanks. Barry, N2MAD
>

4508. Re: bypass mode

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-11-18 15:29:46 UTC
From: Barry
Topic: 4506 Message: 4508

Ahhh. Thank you.

Barry N2MAD

[Non-text portions of this message have been removed]

4509. RE: [LDG-auto-tuners] Re: Z11-Pro for outdoor

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-11-19 02:10:30 UTC
From: Cortland Richmond
Topic: 4495 Message: 4509

Paint is cheap -- and can be opaque to UV too.

Cortland
KA5S

> [Original Message]
> From: ve3wmb <mbabineau@...>
>
>
> Do you know what sort of plastic these boxes are made out of?
>
> Hint .. look for the plastic recycle code. Your box looks like a Pelican case but not exactly.
> If it is Polypropylene you might get a year of continuous use before it falls apart due
> to UV. I considered using a Pelican case but discovered that they are Polypropylene. ...

4511. LDG Z-11Pro not tuning anymore

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-11-20 17:17:51 UTC
From: dl4eax
Topic: 4511 Message: 4511

Hello,

I am using a Z11-Pro to tune a horizontal loop with 120 m circumference.

One day, after tuning the loop on 160, the tuner stopped working.

It also does not work anymore on other bands and with other antennas.

So I got it form the remote mount into my shack and did some analysis:

- Autotune does not start tuning if SWR is above the treshold (2.0).
- A manual full tuning cycle rattles the ralys for a while and I can see the SWR going up and down. But at the end the value is not stored and used. The LED displays a final SWR of less than 1.5 (green LED).
But the SWR tells something completely different...
- A restet did not help.
- There are no signs if burned components inside the box.
- My spare Z-11Pro works just fine with the Loop.

Based on my analysis I assusme the the tuner "thinks" that the SWR is good and there is no need to tune.
So I assume that one of the components that are responsible for SWR measurement could be the culprit.

Any idea where to start the repair?
Is there a circuit diagram available?

Thanks and 73,

Michael - DL4EAX

4512. Re: Z11-Pro for outdoor

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-11-21 03:18:30 UTC
From: at91r40008
Topic: 4495 Message: 4512

I couldn't find the code but it is for outside use.
I did protect it from the sun and more importantly :) from the birds droppings.
While living in Phoenix (AZ) I left one like that outside with only discoloration but no damage. Fortunately the sun in San Diego is not as bad as in AZ and we have a lemon tree as well as some bushes keeping it most of the day in the shade.

73, Yvon NU6I

--- In LDG-auto-tuners@yahoogroups.com, "Cortland Richmond" <ka5s@...> wrote:
>
> Paint is cheap -- and can be opaque to UV too.
>
> Cortland
> KA5S
>
>
> > [Original Message]
> > From: ve3wmb <mbabineau@...>
> >
> >
> > Do you know what sort of plastic these boxes are made out of?
> >
> > Hint .. look for the plastic recycle code. Your box looks like a Pelican
> case but not exactly.
> > If it is Polypropylene you might get a year of continuous use before it
> falls apart due
> > to UV. I considered using a Pelican case but discovered that they are
> Polypropylene. ...
>

4513. AT 600 Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-11-22 04:00:41 UTC
From: shibukiau
Topic: 4513 Message: 4513

I am using a AT600 Pro with a TS480HX at a remote controlled station. The antenna is a Zero Five 26 ft vertical with elevated radials.

The tuner tuned beautifully from 80 through 6m until a few weeks ago when it stopped tuning up on 8om, even though it tries a bit. It still works well on the other bands.

From what I can tell nothing has changed on the antenna or feed line which is low loss 9913.

The tuner is turned on and off remotely with the station through an IP controlled power bar.

Could the software have been corrupted somehow? If so how does one do a reset? Rebooting, which I do does not change the behavior of the tuner.

Could there be a fault, such as perhaps a faulty relay that won't switch in the proper L/C component?

Is there a generic weak point with this tuner?

Any assistance would be appreciated.

Until this occurred, the tuner has worked like a charm, very nice!!

Cheers!
Lloyd
VE3ERQ/VK4ERQ

4514. Powering the AT600 on and off remotely

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-11-22 00:25:00 UTC
From: lgroom@frontiernet.net
Topic: 4514 Message: 4514

I'm using an AT600 in my station that I access remotely. I can turn the power off to the AT600 via an internet remote power plug that I have the 12V power supply plug into. While the tuner is turned on I can shut it down by turning the power plug off, but I'm not sure if that will harm the tuner or not. I've tried it and the system works as far as turning the tuner off and on, but when I turned it back on, the tuner came up with the bypass and Ant 2 light on and I was unable to get the tuner to go into bypass until I did an auto tune sequence.

Any ideas if it's okay to turn the tuner on and off that way, using the 12V power as a switch instead of the front panel?

Thanks

Larry

4515. Re: Powering the AT600 on and off remotely

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-11-22 13:59:42 UTC
From: shibukiau
Topic: 4514 Message: 4515

Should be fine Larry as I've been doing that for several months now with my remote station. So far it has always come back on in the Auto mode and tuned. I have run into a problem on 80m but that is a different issue.

Lloyd
VE3ERQ/VK4ERQ

--- In LDG-auto-tuners@yahoogroups.com, lgroom@... wrote:
>
> I'm using an AT600 in my station that I access remotely. I can turn the power off to the AT600 via an internet remote power plug that I have the 12V power supply plug into. While the tuner is turned on I can shut it down by turning the power plug off, but I'm not sure if that will harm the tuner or not. I've tried it and the system works as far as turning the tuner off and on, but when I turned it back on, the tuner came up with the bypass and Ant 2 light on and I was unable to get the tuner to go into bypass until I did an auto tune sequence.
>
> Any ideas if it's okay to turn the tuner on and off that way, using the 12V power as a switch instead of the front panel?
>
> Thanks
>
> Larry
>

4516. AT1000 Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-11-23 16:39:27 UTC
From: Tony
Topic: 4516 Message: 4516

Hi All,

Is there any way to switch the "Power-Up on/off" in the new firmware as one could previously?

Many thanks.

73 Tony ZL3HAM

4517. Re: Powering the AT600 on and off remotely

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-11-23 06:47:01 UTC
From: lgroom@frontiernet.net
Topic: 4514 Message: 4517

Thanks for the reply Lloyd, and I hope you find a solution to your issue.

Larry

--- In LDG-auto-tuners@yahoogroups.com, "shibukiau" <kubisl@...> wrote:
>
> Should be fine Larry as I've been doing that for several months now with my remote station. So far it has always come back on in the Auto mode and tuned. I have run into a problem on 80m but that is a different issue.
>
> Lloyd
> VE3ERQ/VK4ERQ
>
> --- In LDG-auto-tuners@yahoogroups.com, lgroom@ wrote:
> >
> > I'm using an AT600 in my station that I access remotely. I can turn the power off to the AT600 via an internet remote power plug that I have the 12V power supply plug into. While the tuner is turned on I can shut it down by turning the power plug off, but I'm not sure if that will harm the tuner or not. I've tried it and the system works as far as turning the tuner off and on, but when I turned it back on, the tuner came up with the bypass and Ant 2 light on and I was unable to get the tuner to go into bypass until I did an auto tune sequence.
> >
> > Any ideas if it's okay to turn the tuner on and off that way, using the 12V power as a switch instead of the front panel?
> >
> > Thanks
> >
> > Larry
> >
>

4518. PathMinder Support?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-11-22 23:26:10 UTC
From: doc@kd4e.com
Topic: 4518 Message: 4518

Are there any critical components in the PathMinder that
are no longer available should they fail?

Could one remote-locate the PathMinder and run a multiwire
cable to a matching set of switches (and perhaps also LED's)?

--

Thanks! & 73, doc, KD4E
http://KD4E.com
Have an http://ultrafidian.com day
Defend free speech or lose your freedom.
I don't google I SEARCH! http://ixquick.com

4519. Re: AT1000 Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-11-24 14:06:18 UTC
From: Murf
Topic: 4516 Message: 4519

HI Tony,
Pat in Idaho.. I also having same problem after the upgrade. I have to pull the tuner out and unplug to 12 volt power lead and get it to power up really getting to be a pain.. I am thinking about going back to the old chip. I hope the is a upgrade to the upgrade hi
73 Murf

--- In LDG-auto-tuners@yahoogroups.com, "Tony" <buckland@...> wrote:
>
> Hi All,
>
> Is there any way to switch the "Power-Up on/off" in the new firmware as one could previously?
>
> Many thanks.
>
> 73 Tony ZL3HAM
>

4520. RE: [LDG-auto-tuners] Re: AT1000 Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-11-24 16:07:21 UTC
From: Rick Johnson
Topic: 4516 Message: 4520

I have 2 AT1000Pros here and after the upgrade I found you must hold the button for 3.5 - 4 seconds now to turn them off. No big deal.
Rick W3BI

To: LDG-auto-tuners@yahoogroups.com
From: n7uvh01@...
Date: Wed, 24 Nov 2010 14:06:18 +0000
Subject: [LDG-auto-tuners] Re: AT1000 Pro

HI Tony,

Pat in Idaho.. I also having same problem after the upgrade. I have to pull the tuner out and unplug to 12 volt power lead and get it to power up really getting to be a pain.. I am thinking about going back to the old chip. I hope the is a upgrade to the upgrade hi

73 Murf

--- In LDG-auto-tuners@yahoogroups.com, "Tony" <buckland@...> wrote:

>

> Hi All,

>

> Is there any way to switch the "Power-Up on/off" in the new firmware as one could previously?

>

> Many thanks.

>

> 73 Tony ZL3HAM

>

[Non-text portions of this message have been removed]

4521. Re: AT1000 Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-11-25 01:35:33 UTC
From: Murf
Topic: 4516 Message: 4521

rick,
dont have a problem powering down.. it is turing it on..
Power butten will not turn it on.. have to unplug the power source and it will power its self up.
Dones yours come on ok? tnx Murf

--- In LDG-auto-tuners@yahoogroups.com, Rick Johnson <w3bi.rick@...> wrote:
>
>
> I have 2 AT1000Pros here and after the upgrade I found you must hold the button for 3.5 - 4 seconds now to turn them off. No big deal.
> Rick W3BI
>
> To: LDG-auto-tuners@yahoogroups.com
> From: n7uvh01@...
> Date: Wed, 24 Nov 2010 14:06:18 +0000
> Subject: [LDG-auto-tuners] Re: AT1000 Pro
>
>
>

> HI Tony,
>
> Pat in Idaho.. I also having same problem after the upgrade. I have to pull the tuner out and unplug to 12 volt power lead and get it to power up really getting to be a pain.. I am thinking about going back to the old chip. I hope the is a upgrade to the upgrade hi
>
> 73 Murf
>
>
>
> --- In LDG-auto-tuners@yahoogroups.com, "Tony" <buckland@> wrote:
>
> >
>
> > Hi All,
>
> >
>
> > Is there any way to switch the "Power-Up on/off" in the new firmware as one could previously?
>
> >
>
> > Many thanks.
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>
> > 73 Tony ZL3HAM
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> [Non-text portions of this message have been removed]
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4522. PathMinder Support?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-11-25 13:35:33 UTC
From: doc@kd4e.com
Topic: 4518 Message: 4522

Not sure if anyone saw this so thought I'd ask again ...

Are there any critical components in the PathMinder that are no
longer available, or easily substituted for, should they fail?

Could one remote-locate the PathMinder and run a multiwire
cable to a matching set of switches (and perhaps also LED's)?

Happy THANKSgiving!

--

Thanks!& 73, doc, KD4E
http://KD4E.com
Have an http://ultrafidian.com day
Defend free speech or lose your freedom.
I don't google I SEARCH! http://ixquick.com

4523. Re: LDG Z-11Pro not tuning anymore

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-11-25 12:38:48 UTC
From: dl4eax
Topic: 4511 Message: 4523

Ok, looks like the question is very specific. :-)

Does anybody know where to get a circuit diagram for the LDG Z-11Pro?

73,

Michael - DL4EAX

4524. RE: [LDG-auto-tuners] Re: AT1000 Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-11-25 03:16:59 UTC
From: Rick Johnson
Topic: 4516 Message: 4524

Sorry...misunderstood. Nope, no problem turning either of them on. Sometimes I let the power supply turn them on if you have them set to come on with power on. But the button works every timealso. I don't have a suggestion. Have you emailed or called LDG?
73,Rick W3BI

To: LDG-auto-tuners@yahoogroups.com
From: n7uvh01@...
Date: Thu, 25 Nov 2010 01:35:33 +0000
Subject: [LDG-auto-tuners] Re: AT1000 Pro

rick,

dont have a problem powering down.. it is turing it on..

Power butten will not turn it on.. have to unplug the power source and it will power its self up.

Dones yours come on ok? tnx Murf

--- In LDG-auto-tuners@yahoogroups.com, Rick Johnson <w3bi.rick@...> wrote:

>

>

> I have 2 AT1000Pros here and after the upgrade I found you must hold the button for 3.5 - 4 seconds now to turn them off. No big deal.

> Rick W3BI

>

> To: LDG-auto-tuners@yahoogroups.com

> From: n7uvh01@...

> Date: Wed, 24 Nov 2010 14:06:18 +0000

> Subject: [LDG-auto-tuners] Re: AT1000 Pro

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> HI Tony,

>

> Pat in Idaho.. I also having same problem after the upgrade. I have to pull the tuner out and unplug to 12 volt power lead and get it to power up really getting to be a pain.. I am thinking about going back to the old chip. I hope the is a upgrade to the upgrade hi

>

> 73 Murf

>

>

>

> --- In LDG-auto-tuners@yahoogroups.com, "Tony" <buckland@> wrote:

>

> >

>

> > Hi All,

>

> >

>

> > Is there any way to switch the "Power-Up on/off" in the new firmware as one could previously?

>

> >

>

> > Many thanks.

>

> >

>

> > 73 Tony ZL3HAM

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4525. Re: [LDG-auto-tuners] PathMinder Support?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-11-25 14:01:50 UTC
From: Jimmy (WB8NB)
Topic: 4518 Message: 4525

☐The PathFinder tuner was sold by Alpha Delta I think they quit selling it 2004. I do not think they would have any parts left. You might check with them.

73 Jimmy (WB8NBI)

From: doc@...
Sent: Thursday, November 25, 2010 8:35 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] PathMinder Support?

Not sure if anyone saw this so thought I'd ask again ...

Are there any critical components in the PathMinder that are no
longer available, or easily substituted for, should they fail?

Could one remote-locate the PathMinder and run a multiwire
cable to a matching set of switches (and perhaps also LED's)?

Happy THANKSgiving!

--

Thanks!& 73, doc, KD4E
http://KD4E.com
Have an http://ultrafidian.com day
Defend free speech or lose your freedom.
I don't google I SEARCH! http://ixquick.com

[Non-text portions of this message have been removed]

4526. Re: AT1000 Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-11-25 19:50:51 UTC
From: Tony
Topic: 4516 Message: 4526

Hi Rick,

Agreed, no big deal but it's a backward step for a good tuner :-).

73 Tony ZL3HAM

--- In LDG-auto-tuners@yahoogroups.com, Rick Johnson <w3bi.rick@...> wrote:
>
>
> I have 2 AT1000Pros here and after the upgrade I found you must hold the button for 3.5 - 4 seconds now to turn them off. No big deal.
> Rick W3BI
>
> To: LDG-auto-tuners@yahoogroups.com
> From: n7uvh01@...
> Date: Wed, 24 Nov 2010 14:06:18 +0000
> Subject: [LDG-auto-tuners] Re: AT1000 Pro
>
>
>

>
> Pat in Idaho.. I also having same problem after the upgrade. I have to pull the tuner out and unplug to 12 volt power lead and get it to power up really getting to be a pain.. I am thinking about going back to the old chip. I hope the is a upgrade to the upgrade hi
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> 73 Murf
>
>
>
> --- In LDG-auto-tuners@yahoogroups.com, "Tony" <buckland@> wrote:
>
> >
>
> > Hi All,
>
> >
>
> > Is there any way to switch the "Power-Up on/off" in the new firmware as one could previously?
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> > Many thanks.
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> > 73 Tony ZL3HAM
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> [Non-text portions of this message have been removed]
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4527. Re: AT1000 Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-11-25 19:49:12 UTC
From: Tony
Topic: 4516 Message: 4527

Hi Pat,

Yes it can be a pain as when you switch the main shack PSU on you don't always need the AT1000PRO switched on. I'm also thinking about going back to the old chip for this reason plus it doesn't do the PEAK reading very well with my pulse tuner for the linear amp. Maybe there will be another upgrade soon :-).
73 Tony ZL3HAM

> HI Tony,
> Pat in Idaho.. I also having same problem after the upgrade. I have to pull the tuner out and unplug to 12 volt power lead and get it to power up really getting to be a pain.. I am thinking about going back to the old chip. I hope the is a upgrade to the upgrade hi
> 73 Murf
>
>
> --- In LDG-auto-tuners@yahoogroups.com, "Tony" <buckland@> wrote:
> >
> > Hi All,
> >
> > Is there any way to switch the "Power-Up on/off" in the new firmware as one could previously?
> >
> > Many thanks.
> >
> > 73 Tony ZL3HAM
> >
>

4528. Re: [LDG-auto-tuners] Re: AT1000 Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-11-25 21:40:12 UTC
From: Jimmy (WB8NB)
Topic: 4516 Message: 4528

☐I have had no problems after the upgrade. I always had to hold the power button for 3 of 4 seconds to turn off even before the upgrade. If the peak reading does not work for you turn it off. I have no problem with the power button it turns off a the manual tells you then right back on with another push.

73 Jimmy (WB8NBI)

From: Tony
Sent: Thursday, November 25, 2010 2:49 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: AT1000 Pro

Hi Pat,

Yes it can be a pain as when you switch the main shack PSU on you don't always need the AT1000PRO switched on. I'm also thinking about going back to the old chip for this reason plus it doesn't do the PEAK reading very well with my pulse tuner for the linear amp. Maybe there will be another upgrade soon :-).
73 Tony ZL3HAM

> HI Tony,
> Pat in Idaho.. I also having same problem after the upgrade. I have to pull the tuner out and unplug to 12 volt power lead and get it to power up really getting to be a pain.. I am thinking about going back to the old chip. I hope the is a upgrade to the upgrade hi
> 73 Murf
>
>
> --- In mailto:LDG-auto-tuners%40yahoogroups.com, "Tony" <buckland@> wrote:
> >
> > Hi All,
> >
> > Is there any way to switch the "Power-Up on/off" in the new firmware as one could previously?
> >
> > Many thanks.
> >
> > 73 Tony ZL3HAM
> >
>

[Non-text portions of this message have been removed]

4530. Re: AT1000 Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-11-26 13:26:26 UTC
From: Murf
Topic: 4516 Message: 4530

Tnx Jimmy, beginning to wonder if there is a possibliy of a bad chip.. That is the only thing I can I see wrong.. with mine. The pep meter is close to my inline pep meter.. ok there.
I can have taken the wall wart ps out of line.. and hook to the shack main ps and can turn the power on and off easyer there.

Tnx for all you input.

Murf

--- In LDG-auto-tuners@yahoogroups.com, "Jimmy \(WB8NB\)" <wb8nbi@...> wrote:
>
> ï»¿I have had no problems after the upgrade. I always had to hold the power button for 3 of 4 seconds to turn off even before the upgrade. If the peak reading does not work for you turn it off. I have no problem with the power button it turns off a the manual tells you then right back on with another push.
>
> 73 Jimmy (WB8NBI)
>
> From: Tony
> Sent: Thursday, November 25, 2010 2:49 PM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: [LDG-auto-tuners] Re: AT1000 Pro
>
>
> Hi Pat,
>
> Yes it can be a pain as when you switch the main shack PSU on you don't always need the AT1000PRO switched on. I'm also thinking about going back to the old chip for this reason plus it doesn't do the PEAK reading very well with my pulse tuner for the linear amp. Maybe there will be another upgrade soon :-).
> 73 Tony ZL3HAM
>
> > HI Tony,
> > Pat in Idaho.. I also having same problem after the upgrade. I have to pull the tuner out and unplug to 12 volt power lead and get it to power up really getting to be a pain.. I am thinking about going back to the old chip. I hope the is a upgrade to the upgrade hi
> > 73 Murf
> >
> >
> > --- In mailto:LDG-auto-tuners%40yahoogroups.com, "Tony" <buckland@> wrote:
> > >
> > > Hi All,
> > >
> > > Is there any way to switch the "Power-Up on/off" in the new firmware as one could previously?

> > >
> > > Many thanks.
> > >
> > > 73 Tony ZL3HAM
> > >
> >
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

4531. Re: PathMinder Support?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-11-26 14:56:43 UTC
From: doc@kd4e.com
Topic: 4518 Message: 4531

I am confused.

The PathMinder is on the LDG list of discontinued products:

http://www.ldgelectronics.com/c/262/discontinued-product-manuals

> Not sure if anyone saw this so thought I'd ask again ...
>
> Are there any critical components in the PathMinder that are no
> longer available, or easily substituted for, should they fail?
>
> Could one remote-locate the PathMinder and run a multiwire
> cable to a matching set of switches (and perhaps also LED's)?
>
> Happy THANKSgiving!
>
> ☐The PathFinder tuner was sold by Alpha Delta I think they quit
> selling it 2004. I do not think they would have any parts left. You
> might check with them.
>
> 73 Jimmy (WB8NBI)

--

Thanks! & 73, doc, KD4E
http://KD4E.com
Have an http://ultrafidian.com day
Defend free speech or lose your freedom.
I don't google I SEARCH! http://ixquick.com

4532. Re: [LDG-auto-tuners] Re: PathMinder Support?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-11-26 15:55:06 UTC
From: Jimmy (WB8NB)
Topic: 4518 Message: 4532

☐I was not aware of the PathMinder but I see it now. They say it's Alpha Delta LDG made it for them. You may be able to get parts for it from LDG I do not know maybe Dwayne can tell us.

73 Jimmy (WB8NBI)

From: doc@...
Sent: Friday, November 26, 2010 9:56 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: PathMinder Support?

I am confused.

The PathMinder is on the LDG list of discontinued products:

http://www.ldgelectronics.com/c/262/discontinued-product-manuals

> Not sure if anyone saw this so thought I'd ask again ...
>
> Are there any critical components in the PathMinder that are no
> longer available, or easily substituted for, should they fail?
>
> Could one remote-locate the PathMinder and run a multiwire
> cable to a matching set of switches (and perhaps also LED's)?
>
> Happy THANKSgiving!
>
> ☐The PathFinder tuner was sold by Alpha Delta I think they quit
> selling it 2004. I do not think they would have any parts left. You
> might check with them.
>
> 73 Jimmy (WB8NBI)

--

Thanks! & 73, doc, KD4E
http://KD4E.com
Have an http://ultrafidian.com day
Defend free speech or lose your freedom.
I don't google I SEARCH! http://ixquick.com

[Non-text portions of this message have been removed]

4533. Re: [LDG-auto-tuners] Re: PathMinder Support?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-11-26 15:29:19 UTC
From: wa9dgm@aol.com
Topic: 4518 Message: 4533

Ldg built the pathfinder for alpha delta. Take the cover off and look at the pc board.
73john wa9dgm

Sent from my iPad

On Nov 26, 2010, at 6:56, "doc@..." <doc@...> wrote:

> I am confused.
>
> The PathMinder is on the LDG list of discontinued products:
>
> http://www.ldgelectronics.com/c/262/discontinued-product-manuals
>
> > Not sure if anyone saw this so thought I'd ask again ...
> >
> > Are there any critical components in the PathMinder that are no
> > longer available, or easily substituted for, should they fail?
> >
> > Could one remote-locate the PathMinder and run a multiwire
> > cable to a matching set of switches (and perhaps also LED's)?
> >
> > Happy THANKSgiving!
> >
> > ☐The PathFinder tuner was sold by Alpha Delta I think they quit
> > selling it 2004. I do not think they would have any parts left. You
> > might check with them.
> >
> > 73 Jimmy (WB8NBI)
>
> --
>
> Thanks! & 73, doc, KD4E
> http://KD4E.com
> Have an http://ultrafidian.com day
> Defend free speech or lose your freedom.
> I don't google I SEARCH! http://ixquick.com
>

[Non-text portions of this message have been removed]

4534. KT-100 specification which source is correct.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-11-29 06:31:50 UTC
From: Ken
Topic: 4534 Message: 4534

Dwayne, I notice that LDG has a discrepancy in the specs given for the KT-100.

- On the LDG website, KT-100, Specifications page and the tuner comparison, it states:

Tunes 6 to 1000 ohm loads (16 to 150 on 6M), 6 to 4000 ohms with optional 4:1 Balun.

- In the KT-100 Operations Manual, it states:

Tunes 4 to 800 ohm loads (16 to 150 on 6M), 16 to 3200 ohms with optional 4:1 Balun.

Which one is correct??

73 - Ken - VE5KC
- http://amateur-radio.ca
- http://ham-radio.ca

4535. Re: KT-100 specification which source is correct.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-11-29 17:32:37 UTC
From: Dwayne
Topic: 4534 Message: 4535

Hello Len,

6 to 1000 is correct.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "Ken" <ve5kc@...> wrote:
>
> Dwayne, I notice that LDG has a discrepancy in the specs given for the KT-100.
>
> - On the LDG website, KT-100, Specifications page and the tuner comparison, it states:
>
> Tunes 6 to 1000 ohm loads (16 to 150 on 6M), 6 to 4000 ohms with optional 4:1 Balun.
>
> - In the KT-100 Operations Manual, it states:
>
> Tunes 4 to 800 ohm loads (16 to 150 on 6M), 16 to 3200 ohms with optional 4:1 Balun.
>
> Which one is correct??
>
> 73 - Ken - VE5KC
> - http://amateur-radio.ca
> - http://ham-radio.ca
> ----
>

4536. Re: KT-100 specification which source is correct.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-11-30 03:22:20 UTC
From: Ken
Topic: 4534 Message: 4536

Thanks Dwayne!

I should then expect performance similar to the Z11Pro if I decide to go that way, for the convenience of the tune button.

73 - Ken - VE5KC
- http://amateur-radio.ca
- http://ham-radio.ca

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
> Hello Len,
>
> 6 to 1000 is correct.
>
> Dwayne Kincaid
> LDG
>
> --- In LDG-auto-tuners@yahoogroups.com, "Ken" <ve5kc@> wrote:
> >
> > Dwayne, I notice that LDG has a discrepancy in the specs given for the KT-100.
> >
> > - On the LDG website, KT-100, Specifications page and the tuner comparison, it states:
> >
> > Tunes 6 to 1000 ohm loads (16 to 150 on 6M), 6 to 4000 ohms with optional 4:1 Balun.
> >
> > - In the KT-100 Operations Manual, it states:
> >
> > Tunes 4 to 800 ohm loads (16 to 150 on 6M), 16 to 3200 ohms with optional 4:1 Balun.
> >
> > Which one is correct??
> >
> > 73 - Ken - VE5KC
> > - http://amateur-radio.ca
> > - http://ham-radio.ca
> > ----
> >
>

4537. Almost made it (YT-847)

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-11-30 22:49:44 UTC
From: Dwayne
Topic: 4537 Message: 4537

We were hoping to be shipping the YT-847 by the end of November, but we got a few days behind. The new schedule is that we should be shipping to dealers by the end of this week and they should have stock next week.

Hopefully it's still in time to make it under a few Christmas trees.

Dwayne
LDG

4538. Re: Almost made it (YT-847) Got it and am using it!

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-12-09 13:29:12 UTC
From: ANDY - N1ORK
Topic: 4537 Message: 4538

Thanks for doing this Dwayne!

I've only used it for a couple of days and on all but 10 and 80m. I use a G5RVjr inverted-V inside my 16' tall attic. I'll be trying it out on 10m for the ARRL 10m contest. Here are my first impressions in no particular order:
1. Smaller than the FC-20 and only one antenna input.
2. If you had the Null Modem cable from your PC to FT847, get a straight-thru DB-9 with female connectors on each end to connect to the YT-847.
3. Read the operation manual for the YT so you know what to expect.
4. There is no seperate power indicator on the YT, but it does power from the FT Tuner connection.
5. When you first hit the tune button, it's a surprise. The SAT lights lite up, the A vfo shows memory 1 146.000.000 mhz (at least in my case), what was originally in the A vfo (or what you wanted to tune up for) goes to the B vfo as 20 watts in AM mode and the tuner goes through it's tuning cycle. This is all explained in the book.
6. The initial tuning cycle on each band can take a while depending on the band and antenna. You may see 'HiSWR' and 'CAT' on the FT during this.
7. The YT has tune memories, so subsequent tuning cycles on a band is faster.
8. The YT doesn't seem to auto-tune as you switch bands on the FT as the FC-20 does, but a 1 sec. push of the YT tune button is all it takes.
9. The best thing is that using N3FJP's ACLog program, I can turn on the DXSpot window and click on a spotted call. The FT will then jump to that frequency and mode. If I want to work that station, all I have to do is hit the YT tune button for a second and go! I now also have this feature with my FT-857 since getting the YT-857 from LDG.
10. It seems that the YT tunes my G5RVjr (40-10m) better on 80m than the FC-20 did.

I'm glad I purchased this as it has made it easier to integrate the FT-847 with my PC while enabling me to use an auto tuner. I also sent in for my free lightning arrestor (forgot about it when I got the YT-87).

If there are any other Q's I'll try to post answers here.
73
Andy - n1ork

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
> We were hoping to be shipping the YT-847 by the end of November, but we got a few days behind. The new schedule is that we should be shipping to dealers by the end of this week and they should have stock next week.
>
> Hopefully it's still in time to make it under a few Christmas trees.
>
> Dwayne
> LDG
>

4539. At-897 not keying fix j1027

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-12-14 02:56:50 UTC
From: ke7adu
Topic: 4539 Message: 4539

Just purchased a refurbished at-897 from cheap ham.com for $120. The first unit was DOA but the second unit works well. I did run across one issue it thought was worth posting. I had moved J1027 from TXREQ to TXGRND shortly after I bought the ft897 to allow keying of my al-811 from the accessory jack. This jumper needs to be returned to the factory default if you want to use the one touch tuning with the at-897.

Anthony
AE7HS

4540. YT-100 and FT950

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-12-16 04:15:42 UTC
From: Leonard K. Pennock
Topic: 4540 Message: 4540

Can the YT-100 be used with the FT950? The FT950 supports working with the Yaesu FC-40 and the FC-40 supports the FT-857. So is the YT100 compatible with the two radios?

--
Leonard K. Pennock
AD7AS

Those who walk bravely through life, unafraid of loss or failure, find that they very rarely lose or fail.

4541. Yaesu FT-950 with YT100

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-12-18 13:11:29 UTC
From: Leonard K. Pennock
Topic: 4541 Message: 4541

Dwayne

Can the YT100 be used with the Yaesu FT-950 by building a cable that converts from the mini-DIN that the 857 used to the DB9 that the FT950 uses. I.E. is it just a cable conversion or is there a level and signal difference. Seems that since the YT450 and YT100 both use the cat interface there shouldn't be a difference but don't want to smoke the radio or computer.

--
Leonard K. Pennock
AD7AS

Those who walk bravely through life, unafraid of loss or failure,
find that they very rarely lose or fail.

4542. Re: Yaesu FT-950 with YT100

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-12-18 17:14:18 UTC
From: Dwayne
Topic: 4541 Message: 4542

Hello Leonard,

We wish it were that easy. Not to knock Yaesu, but with every two radios that they come out with they completely redesign the CAT interface. So the same commands for one radio are now something different on the new one.

Not much of a way to get around this as the new radios have more and different features as their older line (technology progresses).

So the 857 and 897 are the same, the 450 and 950 are nearly the same, but the two sets are vastly different.

All of them use the word CAT to mean the interface between a computer and the radio. However the implementation can widely vary between models.

Dwayne Kincaid
LDG

>
> Dwayne
>
> Can the YT100 be used with the Yaesu FT-950 by building a cable that
> converts from the mini-DIN that the 857 used to the DB9 that the FT950
> uses. I.E. is it just a cable conversion or is there a level and signal
> difference. Seems that since the YT450 and YT100 both use the cat
> interface there shouldn't be a difference but don't want to smoke the
> radio or computer.
>
> --
> Leonard K. Pennock
> AD7AS

4543. Re: [LDG-auto-tuners] Re: Yaesu FT-950 with YT100

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-12-18 18:42:21 UTC
From: Leonard K. Pennock
Topic: 4541 Message: 4543

Thanks. Was a nice thought that they might be compatible at the command
level.

On 12/18/2010 10:14 AM, Dwayne wrote:
> Hello Leonard,
>
> We wish it were that easy. Not to knock Yaesu, but with every two radios that they come out with they completely redesign the CAT interface. So the same commands for one radio are now something different on the new one.
>
> Not much of a way to get around this as the new radios have more and different features as their older line (technology progresses).
>
> So the 857 and 897 are the same, the 450 and 950 are nearly the same, but the two sets are vastly different.
>
> All of them use the word CAT to mean the interface between a computer and the radio. However the implementation can widely vary between models.
>
> Dwayne Kincaid
> LDG
>
>
>>
>> Dwayne
>>
>> Can the YT100 be used with the Yaesu FT-950 by building a cable that
>> converts from the mini-DIN that the 857 used to the DB9 that the FT950
>> uses. I.E. is it just a cable conversion or is there a level and signal
>> difference. Seems that since the YT450 and YT100 both use the cat
>> interface there shouldn't be a difference but don't want to smoke the
>> radio or computer.
>>
>> --
>> Leonard K. Pennock
>> AD7AS
>
>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>

>
>

--
Leonard K. Pennock
AD7AS

Those who walk bravely through life, unafraid of loss or failure,
find that they very rarely lose or fail.

4544. Holiday Schedule

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-12-24 00:07:34 UTC
From: Dwayne
Topic: 4544 Message: 4544

LDG Holiday Schedule. We'll be closed Dec 24 through Dec 26 and from Dec 30 to Jan 3. We wish everyone the best of holiday's!

Dwayne Kincaid
LDG

4545. RE: [LDG-auto-tuners] Holiday Schedule

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-12-24 00:52:53 UTC
From: Larry stowell
Topic: 4544 Message: 4545

Dwayne

Thank you for the great products and outstanding support.

Happy Holidays

73 Larry K1ZW

-----Original Message-----
From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Dwayne
Sent: Thursday, December 23, 2010 7:08 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Holiday Schedule

LDG Holiday Schedule. We'll be closed Dec 24 through Dec 26 and from Dec 30 to Jan 3. We wish
everyone the best of holiday's!

Dwayne Kincaid
LDG

Yahoo! Groups Links

4546. AT-600, keeps coming out of Bypass on its own

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-12-24 02:48:29 UTC
From: Mark Lunday
Topic: 4428 Message: 4546

OK, maybe I am tired.

I want the AT-600 to remain in Bypass. While key-down, I push the TUNE button and BYPASS light turns on. I key up. As soon as I key down again, it begins a tune. Is this defective unit? Or more likely am I defective?

Mark Lunday

WD4ELG

[Non-text portions of this message have been removed]

4547. RE: AT-600, keeps coming out of Bypass on its own

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-12-24 03:50:34 UTC
From: Mark Lunday
Topic: 4428 Message: 4547

Found it…need to put the tuner in semi-auto mode.

From: Mark Lunday [mailto:mlunday@...]
Sent: Thursday, December 23, 2010 9:48 PM
To: 'LDG-auto-tuners@yahoogroups.com'
Subject: AT-600, keeps coming out of Bypass on its own

OK, maybe I am tired.

I want the AT-600 to remain in Bypass. While key-down, I push the TUNE button and BYPASS light turns on. I key up. As soon as I key down again, it begins a tune. Is this defective unit? Or more likely am I defective?

Mark Lunday

WD4ELG

[Non-text portions of this message have been removed]

4548. Re: LDG Y-OTT

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-12-25 17:43:46 UTC
From: c a
Topic: 4130 Message: 4548

I am sure this is a long shot, but do you still have your Y-OTT?

Thanks,

Condy NI4Z

--- In LDG-auto-tuners@yahoogroups.com, "dawort2001" <dawort2001@...> wrote:
>
> Hello,
> Does anyone know the value of or have any interest in purchasing an LDG Y-OTT or
> Y-OTT with a like new Z100 tuner? Got rid of my FT-100 that wasn't used much and
> now have no use for this.
> Thanks,
> Dave AB9DK
>

4550. Z-11 Pro II mobile

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2010-12-29 14:34:22 UTC
From: LonnieW
Topic: 4550 Message: 4550

I'm the proud owner of a new Z-11 Pro II tuner and am wanting to use it mobile. I have it mounted in the back of my service van which is a full-size extended Ford van. My antenna mount is at the side of one of the back doors about 24 inches below the rooftop. I have a two foot jumper between the antenna mount and the tuner, then about 18 feet of Mini-8 to my FT-100D.
I'm trying to find the best antenna to use on as many bands as I can. At first, I used a 102 inch Stainless steel whip. It tuned nicely on 20M and 10M but that was all. This morning I tried a 40M Hamstick and it only works on 40M.
Do any of you use a similar setup? Any recommendations on antennas to try? Thanks and 73.

Lonnie, N9IUI

4551. Switching antennas

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-01-08 16:06:29 UTC
From: kf7dur
Topic: 4551 Message: 4551

Just purchased a Z-100Plus to use with my Yaesu FT-857D. It works great.
My question is this:
I like to experiment with different antennas and I do a lot of swapping back and forth (when the weather is warmer). Will the Z-100 detect a mismatch and retune when I swap antennas or do I have to manually initiate a retune every time I switch antennas?

Ken

4553. Re: [LDG-auto-tuners] Wish List: New Top of the line tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-01-10 14:26:55 UTC
From: N2CKH
Topic: 4552 Message: 4553

Hi Howard,

Its rather early in the morning to think about such things, but in the area you have that could you not install a Delta loop using a 500 spool or wire?

I ask as here that is what I have where 30 fee of ladder line come down to a 9:1 ByteMark balun with 30 feet or RG-214 and my AT200PC and other LDG tuners that I have tunes it just fine on all HAM/MARS/SHARES frequencies that I have ever used it on. It resonants close to the lowest MARS channel we use for ALE and although 20-30 feet above ground, depending on where you stand on my NC mountain side, it works great for not only NVIS but is also gang busters on Skywave above 12Mhz as well from all reports. If you can't quite spool out a full 500 feet of wire, use as much as possible, another 100 feet would make a big difference.

For the details the approach taken with my 2Mhz Delta Loop, which has now been up for 3 three winters and taken quite a bit of ice and large tree limbs hitting it and only broke once (in the future I am changing over to jacketed copper clad steel wire that I had originally planned to use but could not get in time for my buddies visit from NJ who is my tree climber).see:

www.n2ckh.com/ANTFARM/N2CKH_2Mhz_Loop_Antenna.pdf

/s/ Steve, N2CKH

At 08:57 AM 1/10/2011, you wrote:
>
>
>Ok - this is a wish list item.
>I know its not likely.
>
>For Mars, I like to use a horizontal one-wavelength loop antenna fed
>with ladderline and 1:1 balun. It has 320 feet of wire for a
>theoretical cut frequency of 1005/320 = 3.14 Mhz. It is in a
>rectangle/square shape 10 to 20 feet above ground for good NVIS
>performance (higher would better for non-NVIS DX use). Per the ARRL
>antenna book, this antenna has an 8db advantage over a dipole.

4555. Re: [LDG-auto-tuners] Re: Wish List: New Top of the line tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-01-11 00:23:44 UTC
From: N2CKH
Topic: 4552 Message: 4555

Hi Howard,

I have discussed this subject with you in MARS
circles in the past Howard. If you were to build
an antenna to my specs you will likely achieve
what I and others do, an exceptionally good all
band loop. Rob, KD4YOL recently built one
replacing his commercial antenna could not be
happier. I have a commercial antenna here as a
backup for use down to 2Mhz, installed 100% per
the manufacturers specifications, it works, but
does not work near as well as my loop and when it
rains, this full insulated antenna changes
resonance constantly and nothing, not even my
AT200PC or AT200PRO can keep up with it, but yet
this is a very popular antenna in MARS circles,
its worthless for ALE when it rains.

Anyhow, failing to build a loop my way, just add
more wire to your antenna to lower its point of
resonance as a starting effort in netting your
antenna down toward efficient MF use and all else
you have in place may work fine after you
increase the antenna some what, just add as much wire as you can Howard.

As to all else you mentioned, I have used such
methods at higher frequencies years back in my
antenna building learning days and I really take
exception with a lot of it, especially the need
of long transmission lines based on velocity
factor of the lowest band of operation, that is
exceptional wasteful and a pain to deal with at
lower in frequency. All balun ratios have their
place depending on the application in my opinion,
using a 4:1 as a general purpose ration can also
be condoned, however based on my experience
proper balanced to unbalanced ratios work the
best and make life the easiest when to comes to
tuning the transmission line/antenna system when going off resonance.

Just my opinions Howard, for what they are worth
to you based on proven experience with all this stuff.

/s/ Steve, N2CKH

At 06:18 PM 1/10/2011, you wrote:
>
>
>Hi Steve,
>
>Well a high level person in TSA/Mars advised me
>some time ago to always use 1:1 baluns. I know
>others have different opinions. I think the
>reasoning is a NVIS antenna is low to the ground
>and thus has a much lower impedance than the
>same antenna at height. Also the rational that
>you need 9:1 balun because you are going from
>450 ohm ladder line to 50 ohm coax is also a
>terribly flawed concept because the 450 ohm
>ladder line was never matched to the antenna's
>impedance. The antenna is not 450 ohms, and
>nobody is using any matching device between
>antenna and ladderline to cause them to match.
>Thus the idea of matching other end of the
>ladderline is a useless endeavor. According to
>the ARRL antenna handbook a 1/2 wavelength
>length of feedline will always yield the exact
>impedance of the antenna to the
>antenna-tuner/radio. For 80m that is 128 feet of
>ladderline per DX Engineering. DX Engineering's
>website has recommended feedline lengths for
>various antenna types and this makes a very big
>difference for those who wish to make the
>effort. It's perfectly OK to loosely coil excess
>feedline - but it shouldn't touch the ground -
>per Philip Karras. I have had it loosely coiled
>and also had it blown by high winds to be all
>over my wooden deck in a big mess - it makes no
>difference. I know this is a very different
>school of thought compared to those who use a
>9:1 balun and any random length of feedline that
>happens to be the distance from antenna to
>shack. However baluns and feedline length is not
>really the subject of this wish-list posting.
>
>The problem with LDG tuners is not getting down
>to 2Mhz for a loop designed for 3Mhz. That's
>just a nice thing - icing on the cake - that I get with the Palstar tuners.
>
>The problem is - even after adding a CWS
>Bytemark multi-ratio UNUN to help the LDG tuner
>have a larger impedance range, there is no
>single UNUN setting that will get all the Mars
>frequencies at 3Mhz and higher to tune. 1:4
>UN-UN settings to "raise" the impedance seemed
>to best setting for me back when I used my LDG antenna tuners.

>
>So that's the beauty of the Palstar antenna
>tuners - whether manual or automatic models. The
>one wavelength horizonal loop is also a
>wonderful antenna. In bypass mode - I can even
>find the low SWR dips approximately every
>multiple of the loop's cut frequency - even 10X
>multiple. The palstar antenna tuners tune
>everything from 1.9Mhz past 30Mhz due their
>ability to handle large impedance range.
>
>If LDG would make a top of the line automatic
>antenna tuner with the Palstar's range and
>handle legal limit RF power - LDG can charge a
>thousand dollars each - and I think people will
>come and buy it. I'd buy one because I can't buy
>another Palstar auto-tuner for my deployment
>kit. Also LDG's approach would be a faster
>antenna tuner. For now I think my Palstar manual
>antenna tuner will be used for deployments. I am
>also building a portable 250 foot 4Mhz
>horizontal loop which can be converted into a 250 foot 2Mhz dipole.
>
>LDG makes good low cost antenna tuners for the
>budget minded beginners. It works well for
>antennas that are reasonably close to resonance
>to begin with. I personally have slowly replaced
>just about every piece of equipment I own - even
>down to jumper cables - with high quality
>components. I have passed the beginner's low
>budget phase. I pick something, save my money,
>then buy it. I never use my LDG tuners anymore,
>and one happens to be built into my Flex5000.
>
>There is currently a void in the marketplace for
>a high quality large impedance range automatic antenna tuner.
>
>Howard
>
>

[Non-text portions of this message have been removed]

4557. Re: Wish List: New Top of the line tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-01-11 09:07:03 UTC
From: Dwayne
Topic: 4552 Message: 4557

Hi Howard,

LDG currently has no plans to make a higher powered Autotuner.

Thanks for your interest,

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "Howard Z" <Howard_Z@...> wrote:
>
> Hi Steve,
>
> Well a high level person in TSA/Mars advised me some time ago to always use 1:1 baluns. I know others have different opinions. I think the reasoning is a NVIS antenna is low to the ground and thus has a much lower impedance than the same antenna at height. Also the rational that you need 9:1 balun because you are going from 450 ohm ladder line to 50 ohm coax is also a terribly flawed concept because the 450 ohm ladder line was never matched to the antenna's impedance. The antenna is not 450 ohms, and nobody is using any matching device between antenna and ladderline to cause them to match. Thus the idea of matching other end of the ladderline is a useless endeavor. According to the ARRL antenna handbook a 1/2 wavelength length of feedline will always yield the exact impedance of the antenna to the antenna-tuner/radio. For 80m that is 128 feet of ladderline per DX Engineering. DX Engineering's website has recommended feedline lengths for various antenna types and this makes a very big difference for those who wish to make the effort. It's perfectly OK to loosely coil excess feedline - but it shouldn't touch the ground - per Philip Karras. I have had it loosely coiled and also had it blown by high winds to be all over my wooden deck in a big mess - it makes no difference. I know this is a very different school of thought compared to those who use a 9:1 balun and any random length of feedline that happens to be the distance from antenna to shack. However baluns and feedline length is not really the subject of this wish-list posting.
>
> The problem with LDG tuners is not getting down to 2Mhz for a loop designed for 3Mhz. That's just a nice thing - icing on the cake - that I get with the Palstar tuners.
>
> The problem is - even after adding a CWS Bytemark multi-ratio UNUN to help the LDG tuner have a larger impedance range, there is no single UNUN setting that will get all the Mars frequencies at 3Mhz and higher to tune. 1:4 UN-UN settings to "raise" the impedance seemed to best setting for me back when I used my LDG antenna tuners.
>
> So that's the beauty of the Palstar antenna tuners - whether manual or automatic models. The one wavelength horizonal loop is also a wonderful antenna. In bypass mode - I can even find the low SWR dips approximately every multiple of the loop's cut frequency - even 10X multiple. The palstar antenna tuners tune everything from 1.9Mhz past 30Mhz due their ability to handle large impedance range.
>

> If LDG would make a top of the line automatic antenna tuner with the Palstar's range and handle legal limit RF power - LDG can charge a thousand dollars each - and I think people will come and buy it. I'd buy one because I can't buy another Palstar auto-tuner for my deployment kit. Also LDG's approach would be a faster antenna tuner. For now I think my Palstar manual antenna tuner will be used for deployments. I am also building a portable 250 foot 4Mhz horizontal loop which can be converted into a 250 foot 2Mhz dipole.
>
> LDG makes good low cost antenna tuners for the budget minded beginners. It works well for antennas that are reasonably close to resonance to begin with. I personally have slowly replaced just about every piece of equipment I own - even down to jumper cables - with high quality components. I have passed the beginner's low budget phase. I pick something, save my money, then buy it. I never use my LDG tuners anymore, and one happens to be built into my Flex5000.
>
> There is currently a void in the marketplace for a high quality large impedance range automatic antenna tuner.
>
> Howard
>

4558. Re: [LDG-auto-tuners] Re: Wish List: New Top of the line tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-01-11 09:23:43 UTC
From: N2CKH
Topic: 4552 Message: 4558

Hi Howard,

Sorry for trying to help for Howard, my mistake.

Your right, it sounds to me like a public forum is not the place for your thread, your mistake.

Lastly, just as an FYI regarding your comments on the AT200PC and the FLEX 5000 optional tuner, for all intents and purposes, its the same ATU. As used in the flex its mounted internally in the TX path of the radio only and under firmware control of the radio and not yet exposed to CAT control.

Have fun.

/s/ Steve, N2CKH

At 12:01 AM 1/11/2011, you wrote:
>
>
>Steve,
>
>I would have much preferred you not contribute to my thread

4559. AT1000 Problem over 250 Watts?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-01-13 19:22:42 UTC
From: techman2512
Topic: 4559 Message: 4559

I have an AT1000 tuner with the chipset 1K 2.5 which I presume is the ver. 2.5 upgrade. The issue is that after doing an autotune for my 160 - 10m windom, the SWR is 1:1 I then put the amp online and key with only 300Watts the tuner clunks the relays a couple times and the SWR climbs to something above 2:1? I can keep the key down and try to retune the AT1000 and both needles just sit and bounce....but no retune?

Any ideas?
Thanks,
Mark ND8X

4560. Re: AT1000 Problem over 250 Watts?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-01-14 04:34:46 UTC
From: techman2512
Topic: 4559 Message: 4560

Pe LDG recommendation they said I was getting RF in the unit as It can't tune on it's own. That was a lesson in futility..I put on over 10 chokes, used a 12V car battery to feed the tuner only; to isolate it....and even now when I key it with the amp it actually shuts off the tuner??? Seperate grounds to each device in my system. Goes from perfect SWR with no amp to +3:1 SWR with amp. I think I'll abandon this and get rid of tuner as it works flawlessly and faster with my Heathkit 2060A

Mark Blau

--- In LDG-auto-tuners@yahoogroups.com, "techman2512" <mblau@...> wrote:
>
> I have an AT1000 tuner with the chipset 1K 2.5 which I presume is the ver. 2.5 upgrade. The issue is that after doing an autotune for my 160 - 10m windom, the SWR is 1:1 I then put the amp online and key with only 300Watts the tuner clunks the relays a couple times and the SWR climbs to something above 2:1? I can keep the key down and try to retune the AT1000 and both needles just sit and bounce....but no retune?
>
> Any ideas?
> Thanks,
> Mark ND8X
>

4561. Re: [LDG-auto-tuners] AT1000 Problem over 250 Watts?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-01-13 21:45:46 UTC
From: Jimmy (WB8NBI)
Topic: 4559 Message: 4561

☐As far as I know the tuner will not go into a tuning cycle over 125 watts it will not tune with 300 watts input. Don't know why it would try to retune. Try turning off auto tune on the tuner.

73 Jimmy (WB8NBI)

From: techman2512
Sent: Thursday, January 13, 2011 2:22 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] AT1000 Problem over 250 Watts?

I have an AT1000 tuner with the chipset 1K 2.5 which I presume is the ver. 2.5 upgrade. The issue is that after doing an autotune for my 160 - 10m windom, the SWR is 1:1 I then put the amp online and key with only 300Watts the tuner clunks the relays a couple times and the SWR climbs to something above 2:1? I can keep the key down and try to retune the AT1000 and both needles just sit and bounce....but no retune?

Any ideas?
Thanks,
Mark ND8X

[Non-text portions of this message have been removed]

4562. Re: [LDG-auto-tuners] Re: AT1000 Problem over 250 Watts?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-01-14 13:02:07 UTC
From: Joe
Topic: 4559 Message: 4562

Maybe your amplifier is presenting a different impedance than the radio
that you are using to tune up with?

If you use a manual tuner, can you tune up with the radio barefoot, then
switch in the amplifier and still see the same VSWR? Just wondering....

Joe

On 1/13/2011 11:34 PM, techman2512 wrote:
> Pe LDG recommendation they said I was getting RF in the unit as It can't tune on it's own. That was a lesson in futility..I put on over 10 chokes, used a 12V car battery to feed the tuner only; to isolate it....and even now when I key it with the amp it actually shuts off the tuner??? Seperate grounds to each device in my system. Goes from perfect SWR with no amp to +3:1 SWR with amp. I think I'll abandon this and get rid of tuner as it works flawlessly and faster with my Heathkit 2060A
>
> Mark Blau
>

4563. Re: AT1000 Problem over 250 Watts?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-01-14 22:41:08 UTC
From: Dwayne
Topic: 4559 Message: 4563

The catch is that it's an AT-1000 (non-Pro), so it does not have an Auto mode. It should never change relay settings unless the Tune button is pressed. So either there is RF getting into the tuner to cause it to change settings or the tuner is defective.

We're handling this directly, so I'm not sure why he is reposting everything to the group. Maybe just venting as it's a frustrating situation when things don't work as expected.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, Joe <k1ike_mail@...> wrote:
>
> Maybe your amplifier is presenting a different impedance than the radio
> that you are using to tune up with?
>
> If you use a manual tuner, can you tune up with the radio barefoot, then
> switch in the amplifier and still see the same VSWR? Just wondering....
>
> Joe
>
> On 1/13/2011 11:34 PM, techman2512 wrote:
> > Pe LDG recommendation they said I was getting RF in the unit as It can't tune on it's own. That was a lesson in futility..I put on over 10 chokes, used a 12V car battery to feed the tuner only; to isolate it....and even now when I key it with the amp it actually shuts off the tuner??? Seperate grounds to each device in my system. Goes from perfect SWR with no amp to +3:1 SWR with amp. I think I'll abandon this and get rid of tuner as it works flawlessly and faster with my Heathkit 2060A
> >
> > Mark Blau
> >
>

4564. Z-100PLUS tuner and Kenwood TS-570SG

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-01-16 03:41:40 UTC
From: Joe
Topic: 4559 Message: 4564

I have been using a Z-100Plus tuner now for quite awhile. The tuner is mounted remotely in the attic of my house and it feeds a dipole fed with ladder line. Coax runs to my basement shack, along with a control cable to my ICOM IC-706MKII. This configuration has worked great on all bands, but my IC-706MKII has developed problems . I have a Kenwood TS-570SG that I now want to use, but have no way to control the tuner. It would be nice if I could remote the controls of the Z-100plus.

Any ideas?

Joe,

4565. YT-450 Question

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-01-17 15:32:59 UTC
From: k8yzk
Topic: 4565 Message: 4565

Good Morning to All

Quick question on the YT-450, I hooked it up and set up the FT-450 I just got per the instructions. Now as I read in the LDG manual, to tune the tuner I use the button on it not the one on the radio correct. I kow I have it hooked up correctly, as I used the PC DB-9 to connect to HRD.

Thanks and sorry for the dumb question, just want to make sure both the radio and tuner works as they are suppose to.

73
Kurt
K8YZk

4566. Re: YT-450 Question

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-01-19 13:27:24 UTC
From: Dwayne
Topic: 4565 Message: 4566

Hi Kurt,

Not a dumb question. Yes, you have it correct. Press the Tune button on the tuner to start the tuning process.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "k8yzk" <k8yzk@...> wrote:
>
> Good Morning to All
>
> Quick question on the YT-450, I hooked it up and set up the FT-450 I just got per the instructions. Now as I read in the LDG manual, to tune the tuner I use the button on it not the one on the radio correct. I kow I have it hooked up correctly, as I used the PC DB-9 to connect to HRD.
>
> Thanks and sorry for the dumb question, just want to make sure both the radio and tuner works as they are suppose to.
>
> 73
> Kurt
> K8YZk
>

4567. Re: Z-100PLUS tuner and Kenwood TS-570SG

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-01-19 13:30:44 UTC
From: Dwayne
Topic: 4559 Message: 4567

Hello Joe,

Try message 4387.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, Joe <k1ike_mail@...> wrote:
>
> I have been using a Z-100Plus tuner now for quite awhile. The tuner is
> mounted remotely in the attic of my house and it feeds a dipole fed with
> ladder line. Coax runs to my basement shack, along with a control cable
> to my ICOM IC-706MKII. This configuration has worked great on all
> bands, but my IC-706MKII has developed problems . I have a Kenwood
> TS-570SG that I now want to use, but have no way to control the tuner.
> It would be nice if I could remote the controls of the Z-100plus.
>
> Any ideas?
>
> Joe,
>

4568. Re: [LDG-auto-tuners] Re: Z-100PLUS tuner and Kenwood TS-570SG

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-01-19 14:36:59 UTC
From: Patrick
Topic: 4559 Message: 4568

HI JOE,
I have a TS-570D and i use its inbuilt atu has your TS-570SG
got an internal atu ???
Patrick GW1SXN

From: "Dwayne" <ldgyahoo@...>
Sent: Wednesday, January 19, 2011 1:30 PM
To: <LDG-auto-tuners@yahoogroups.com>
Subject: [LDG-auto-tuners] Re: Z-100PLUS tuner and Kenwood TS-570SG

> Hello Joe,
>
> Try message 4387.
>
> Dwayne Kincaid
> LDG
>
>
> --- In LDG-auto-tuners@yahoogroups.com, Joe <k1ike_mail@...> wrote:
>>
>> I have been using a Z-100Plus tuner now for quite awhile. The tuner is
>> mounted remotely in the attic of my house and it feeds a dipole fed with
>> ladder line. Coax runs to my basement shack, along with a control cable
>> to my ICOM IC-706MKII. This configuration has worked great on all
>> bands, but my IC-706MKII has developed problems . I have a Kenwood
>> TS-570SG that I now want to use, but have no way to control the tuner.
>> It would be nice if I could remote the controls of the Z-100plus.
>>
>> Any ideas?
>>
>> Joe,
>>
>
>
>
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> ------------------------------------
>
> Yahoo! Groups Links
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4569. Re: [LDG-auto-tuners] Re: YT-450 Question

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-01-19 13:32:50 UTC
From: Kurt Tuttle
Topic: 4565 Message: 4569

Thanks Dwayne, any chance of a update in the future to use the Tune button on the radio?

73
Kurt

--- On Wed, 1/19/11, Dwayne <ldgyahoo@ldgelectronics.com> wrote:

From: Dwayne <ldgyahoo@...>
Subject: [LDG-auto-tuners] Re: YT-450 Question
To: LDG-auto-tuners@yahoogroups.com
Date: Wednesday, January 19, 2011, 8:27 AM

Hi Kurt,

Not a dumb question. Yes, you have it correct. Press the Tune button on the tuner to start the tuning process.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "k8yzk" <k8yzk@...> wrote:
>
> Good Morning to All
>
> Quick question on the YT-450, I hooked it up and set up the FT-450 I just got per the instructions. Now as I read in the LDG manual, to tune the tuner I use the button on it not the one on the radio correct. I kow I have it hooked up correctly, as I used the PC DB-9 to connect to HRD.
>
> Thanks and sorry for the dumb question, just want to make sure both the radio and tuner works as they are suppose to.
>
> 73
> Kurt
> K8YZk
>

[Non-text portions of this message have been removed]

4570. Re: YT-450 Question

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-01-19 16:52:28 UTC
From: Dwayne
Topic: 4565 Message: 4570

Kurt,

Sorry, no chance of that being developed. Yaesu has the ability to change how the Tune button on the radio works with firmware upgrades. They could easily come out with a new version that would disable the tune button if it saw our commands.

I heard unverified rumors that they already did that to BetterRF. Even if it were not true, we know they "could" do it and that's enough to scare us away from attempting that method.

Dwayne
LDG

--- In LDG-auto-tuners@yahoogroups.com, Kurt Tuttle <k8yzk@...> wrote:
>
> Thanks Dwayne, any chance of a update in the future to use the Tune button on the radio?
> Â
> 73
> Kurt
>
> --- On Wed, 1/19/11, Dwayne <ldgyahoo@...> wrote:
>
>
> From: Dwayne <ldgyahoo@...>
> Subject: [LDG-auto-tuners] Re: YT-450 Question
> To: LDG-auto-tuners@yahoogroups.com
> Date: Wednesday, January 19, 2011, 8:27 AM
>
>
> Â
>
>
>
> Hi Kurt,
>
> Not a dumb question. Yes, you have it correct. Press the Tune button on the tuner to start the tuning process.
>
> Dwayne Kincaid
> LDG
>
> --- In LDG-auto-tuners@yahoogroups.com, "k8yzk" <k8yzk@> wrote:
> >
> > Good Morning to All
> >
> > Quick question on the YT-450, I hooked it up and set up the FT-450 I just got per the instructions. Now as I read in the LDG manual, to tune the tuner I use the button on it not

the one on the radio correct. I kow I have it hooked up correctly, as I used the PC DB-9 to connect to HRD.
> >
> > Thanks and sorry for the dumb question, just want to make sure both the radio and tuner works as they are suppose to.
> >
> > 73
> > Kurt
> > K8YZk
> >
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>
> [Non-text portions of this message have been removed]
>

4571. Re: [LDG-auto-tuners] Re: YT-450 Question

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-01-19 18:16:48 UTC
From: Kurt Tuttle
Topic: 4565 Message: 4571

Ok Dwayne thanks for the quick response.

Kurt

--- On Wed, 1/19/11, Dwayne <ldgyahoo@...> wrote:

From: Dwayne <ldgyahoo@ldgelectronics.com>
Subject: [LDG-auto-tuners] Re: YT-450 Question
To: LDG-auto-tuners@yahoogroups.com
Date: Wednesday, January 19, 2011, 11:52 AM

Kurt,

Sorry, no chance of that being developed. Yaesu has the ability to change how the Tune button on the radio works with firmware upgrades. They could easily come out with a new version that would disable the tune button if it saw our commands.

I heard unverified rumors that they already did that to BetterRF. Even if it were not true, we know they "could" do it and that's enough to scare us away from attempting that method.

Dwayne
LDG

--- In LDG-auto-tuners@yahoogroups.com, Kurt Tuttle <k8yzk@...> wrote:
>
> Thanks Dwayne, any chance of a update in the future to use the Tune button on the radio?
> Â
> 73
> Kurt
>
> --- On Wed, 1/19/11, Dwayne <ldgyahoo@...> wrote:
>
>
> From: Dwayne <ldgyahoo@...>
> Subject: [LDG-auto-tuners] Re: YT-450 Question
> To: LDG-auto-tuners@yahoogroups.com
> Date: Wednesday, January 19, 2011, 8:27 AM
>
>
> Â
>
>
>
> Hi Kurt,
>
> Not a dumb question. Yes, you have it correct. Press the Tune button on the tuner to start the tuning process.

>
> Dwayne Kincaid
> LDG
>
> --- In LDG-auto-tuners@yahoogroups.com, "k8yzk" <k8yzk@> wrote:
> >
> > Good Morning to All
> >
> > Quick question on the YT-450, I hooked it up and set up the FT-450 I just got per the instructions. Now as I read in the LDG manual, to tune the tuner I use the button on it not the one on the radio correct. I kow I have it hooked up correctly, as I used the PC DB-9 to connect to HRD.
> >
> > Thanks and sorry for the dumb question, just want to make sure both the radio and tuner works as they are suppose to.
> >
> > 73
> > Kurt
> > K8YZk
> >
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> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

4572. thinking of getting a tuner for my first time

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-01-20 15:32:35 UTC
From: Ron K7CDL
Topic: 4572 Message: 4572

i'm thinking of getting a tuner for my first time. i'm thinking of the Z-100plus or the Z-11pro 2. i'm having to go cheap as i'm on unemployment and returning back to school to get my GED. is there any know problems with each of these tuners that i should know about. how is these tuners to run and understand for someone that knows nothing about tuners and/or antenna?
K7CDL
Ron

4573. Information LDG K-OTT with AT-1000Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-01-20 18:43:50 UTC
From: wb8nbi
Topic: 4573 Message: 4573

I just bought a LDG K-ott interface to use with my new Kenwood TS-590S and my LDG AT-1000Pro. It works great just press and hold the AT button for one second and the radio keys at 10 watts CW the tuner tunes and then goes back to where you were.

4574. AT-200Pro Questions

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-01-20 19:50:29 UTC
From: n8ob
Topic: 4574 Message: 4574

I searched the group but couldn't find an answer. As per the manual, I hold function key while turning on the power. It should indicate the firmware version. It doesn't indicate anything similar to the manual.

SWR indication reads zero almost all the time (when tuned) but an external SWR meter between the radio and the AT-200 indicates some SWR. The external SWR meter was checked into a dummy load and into a 100 ohm load and indicates correctly in both settings. What am I missing?

4575. Re: AT-200Pro Questions

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-01-20 20:15:55 UTC
From: Dwayne
Topic: 4574 Message: 4575

Robert,

We're moving away from showing the version number on the displays. We're now recommending that the user take the lid off to read the version number. The manual probably still needs updating.

#2) when you say some SWR, how much is that? Most low cost SWR meters are +/- 10%, so all of them may be within spec.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "n8ob" <bbrown42@...> wrote:
>
> I searched the group but couldn't find an answer. As per the manual, I hold function key while turning on the power. It should indicate the firmware version. It doesn't indicate anything similar to the manual.
>
> SWR indication reads zero almost all the time (when tuned) but an external SWR meter between the radio and the AT-200 indicates some SWR. The external SWR meter was checked into a dummy load and into a 100 ohm load and indicates correctly in both settings. What am I missing?
>

4576. Re: [LDG-auto-tuners] thinking of getting a tuner for my first time

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-01-21 00:19:51 UTC
From: Leonard K. Pennock
Topic: 4572 Message: 4576

What radio are you going to use it with?

On 01/20/2011 08:32 AM, Ron K7CDL wrote:
> i'm thinking of getting a tuner for my first time. i'm thinking of the Z-100plus or the Z-11pro 2. i'm having to go cheap as i'm on unemployment and returning back to school to get my GED. is there any know problems with each of these tuners that i should know about. how is these tuners to run and understand for someone that knows nothing about tuners and/or antenna?
> K7CDL
> Ron
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> ------------------------------------
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> Yahoo! Groups Links
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Leonard K. Pennock
AD7AS

Those who walk bravely through life, unafraid of loss or failure,
find that they very rarely lose or fail.

4577. Re: [LDG-auto-tuners] thinking of getting a tuner for my first time

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-01-21 00:45:50 UTC
From: Ron K7CDL
Topic: 4572 Message: 4577

icom 706 (the oldest model)

--- On Thu, 1/20/11, Leonard K. Pennock <leonardpennock@...> wrote:

From: Leonard K. Pennock <leonardpennock@...t>
Subject: Re: [LDG-auto-tuners] thinking of getting a tuner for my first time
To: LDG-auto-tuners@yahoogroups.com
Date: Thursday, January 20, 2011, 4:19 PM

What radio are you going to use it with?

On 01/20/2011 08:32 AM, Ron K7CDL wrote:
> i'm thinking of getting a tuner for my first time. i'm thinking of the Z-100plus or the Z-11pro 2. i'm having to go cheap as i'm on unemployment and returning back to school to get my GED. is there any know problems with each of these tuners that i should know about. how is these tuners to run and understand for someone that knows nothing about tuners and/or antenna?
> K7CDL
> Ron
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> Yahoo! Groups Links
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Leonard K. Pennock
AD7AS

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[Non-text portions of this message have been removed]

4578. Re: [LDG-auto-tuners] thinking of getting a tuner for my first time

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-01-21 15:19:20 UTC
From: Leonard K. Pennock
Topic: 4572 Message: 4578

Only issue I've seen with the Z11pro which LDG lists as the same issue with the z11pro2 was it would try and tune a signal that was out of the frequency range it could tune. FT857 had enough leakage from V/UHF to the HF port to cause the Z11pro to tune. I doubt you will see that kind of issue with your radio. The problem was a combination of the RF leakage and the fact the Z11pro would tune with .1W input. The LDG web site doesn't list this as a problem with the Z100plus.

On 01/20/2011 05:45 PM, Ron K7CDL wrote:
> icom 706 (the oldest model)
>
> --- On Thu, 1/20/11, Leonard K. Pennock <leonardpennock@...> wrote:
>
>
> From: Leonard K. Pennock <leonardpennock@...>
> Subject: Re: [LDG-auto-tuners] thinking of getting a tuner for my first time
> To: LDG-auto-tuners@yahoogroups.com
> Date: Thursday, January 20, 2011, 4:19 PM
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> What radio are you going to use it with?
>
> On 01/20/2011 08:32 AM, Ron K7CDL wrote:
>> i'm thinking of getting a tuner for my first time. i'm thinking of the Z-100plus or the Z-11pro 2. i'm having to go cheap as i'm on unemployment and returning back to school to get my GED. is there any know problems with each of these tuners that i should know about. how is these tuners to run and understand for someone that knows nothing about tuners and/or antenna?
>> K7CDL
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Leonard K. Pennock
AD7AS

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4579. Re: AT-200Pro Questions

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-01-21 15:06:02 UTC
From: n8ob
Topic: 4574 Message: 4579

It shows an indication of about 1.7 to 1 on 2 different SWR meters on the particular band and frequency. The AT200 shows the SWR as 1.1 or no indication at all. It's not a big problem but it has me wondering about the accuracy. I still use the external SWR meter to verify the settings. My previous unit, an AT-11, showed the SWR indication more accurately under the same circumstances. (At least they agreed).

Bob - N8OB

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
> Robert,
>
> We're moving away from showing the version number on the displays. We're now recommending that the user take the lid off to read the version number. The manual probably still needs updating.
>
> #2) when you say some SWR, how much is that? Most low cost SWR meters are +/- 10%, so all of them may be within spec.
>
> Dwayne Kincaid
> LDG
>
>

4580. Re: [LDG-auto-tuners] Re: AT-200Pro Questions

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-01-21 16:03:51 UTC
From: Leonard K. Pennock
Topic: 4574 Message: 4580

When you say the external meters are showing 1.7, is that between the
LDG and the Radio or between the Tuner and the antenna? The tuner
reports the matched number no the antenna SWR.

On 01/21/2011 08:06 AM, n8ob wrote:
> It shows an indication of about 1.7 to 1 on 2 different SWR meters on the particular band and frequency. The AT200 shows the SWR as 1.1 or no indication at all. It's not a big problem but it has me wondering about the accuracy. I still use the external SWR meter to verify the settings. My previous unit, an AT-11, showed the SWR indication more accurately under the same circumstances. (At least they agreed).
>
> Bob - N8OB
>
> --- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>>
>> Robert,
>>
>> We're moving away from showing the version number on the displays. We're now recommending that the user take the lid off to read the version number. The manual probably still needs updating.
>>
>> #2) when you say some SWR, how much is that? Most low cost SWR meters are +/- 10%, so all of them may be within spec.
>>
>> Dwayne Kincaid
>> LDG
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Leonard K. Pennock
AD7AS

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4581. Re: AT-200Pro Questions

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-01-21 17:57:54 UTC
From: n8ob
Topic: 4574 Message: 4581

It is between the radio and the LDG.

--- In LDG-auto-tuners@yahoogroups.com, "Leonard K. Pennock" <leonardpennock@...> wrote:
>
> When you say the external meters are showing 1.7, is that between the
> LDG and the Radio or between the Tuner and the antenna? The tuner
> reports the matched number no the antenna SWR.
>
> On 01/21/2011 08:06 AM, n8ob wrote:
> > It shows an indication of about 1.7 to 1 on 2 different SWR meters on the particular band and frequency. The AT200 shows the SWR as 1.1 or no indication at all. It's not a big problem but it has me wondering about the accuracy. I still use the external SWR meter to verify the settings. My previous unit, an AT-11, showed the SWR indication more accurately under the same circumstances. (At least they agreed).
> >
> > Bob - N8OB
> >
> > --- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@> wrote:
> >>
> >> Robert,
> >>
> >> We're moving away from showing the version number on the displays. We're now recommending that the user take the lid off to read the version number. The manual probably still needs updating.
> >>
> >> #2) when you say some SWR, how much is that? Most low cost SWR meters are +/- 10%, so all of them may be within spec.
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> >> Dwayne Kincaid
> >> LDG
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> > --
> > Leonard K. Pennock

> AD7AS
>
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>

4582. Re: thinking of getting a tuner for my first time

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-01-22 04:32:12 UTC
From: Ron K7CDL
Topic: 4572 Message: 4582

what is the different in the z11pro and the z11pro model-2. i see both on ebay but total different prices. all i need is a turner that will tune my butternut antenna 6m-80m 100w on a low budject without switches i have to play with to try to tune it myself. i'm so confused sometimes, ok your right i'm confussed most of the time lol.

--- In LDG-auto-tuners@yahoogroups.com, "Leonard K. Pennock" <leonardpennock@...> wrote:
>
> Only issue I've seen with the Z11pro which LDG lists as the same issue
> with the z11pro2 was it would try and tune a signal that was out of the
> frequency range it could tune. FT857 had enough leakage from V/UHF to
> the HF port to cause the Z11pro to tune. I doubt you will see that kind
> of issue with your radio. The problem was a combination of the RF
> leakage and the fact the Z11pro would tune with .1W input. The LDG web
> site doesn't list this as a problem with the Z100plus.
>
> On 01/20/2011 05:45 PM, Ron K7CDL wrote:
> > icom 706 (the oldest model)
> >
> > --- On Thu, 1/20/11, Leonard K. Pennock <leonardpennock@...> wrote:
> >
> >
> > From: Leonard K. Pennock <leonardpennock@...>
> > Subject: Re: [LDG-auto-tuners] thinking of getting a tuner for my first time
> > To: LDG-auto-tuners@yahoogroups.com
> > Date: Thursday, January 20, 2011, 4:19 PM
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> > What radio are you going to use it with?
> >
> > On 01/20/2011 08:32 AM, Ron K7CDL wrote:
> >> i'm thinking of getting a tuner for my first time. i'm thinking of the Z-100plus or the Z-11pro 2. i'm having to go cheap as i'm on unemployment and returning back to school to get my GED. is there any know problems with each of these tuners that i should know about. how is these tuners to run and understand for someone that knows nothing about tuners and/or antenna?
> >> K7CDL
> >> Ron
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> --
> Leonard K. Pennock
> AD7AS
>
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>

4583. Re: Switching antennas

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-01-22 04:41:01 UTC
From: kf7dur
Topic: 4551 Message: 4583

Am I the only one on this list switches antennas??

--- In LDG-auto-tuners@yahoogroups.com, "kf7dur" <kf7dur@...> wrote:
>
> Just purchased a Z-100Plus to use with my Yaesu FT-857D. It works great.
> My question is this:
> I like to experiment with different antennas and I do a lot of swapping back and forth (when the weather is warmer). Will the Z-100 detect a mismatch and retune when I swap antennas or do I have to manually initiate a retune every time I switch antennas?
>
> Ken
>

4584. Re: AT-200Pro Questions

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-01-22 15:19:49 UTC
From: nt4om@att.net
Topic: 4574 Message: 4584

Try this experiment. 1. Add several feet to the length of coax between the radio and the meter. 2. Check SWR. 3. Add several feet to the length of the coax between the meter and the tuner. 4. Check SWR. I can almost guarantee you will get different readings in each of the above situations. The only meter that is important is the one on the radio. As long as you get full output from the radio and your SWR is under 2:1 you are not hurting anything. You still have the loss in the non-resonant antenna.

Tom Barber - NT4OM
"Never Trust 4 Old Men"
"May All Your Signals Be Rare DX"

--- In LDG-auto-tuners@yahoogroups.com, "n8ob" <bbrown42@...> wrote:
>
> It is between the radio and the LDG.
>
>
> --- In LDG-auto-tuners@yahoogroups.com, "Leonard K. Pennock" <leonardpennock@> wrote:
> >
> > When you say the external meters are showing 1.7, is that between the
> > LDG and the Radio or between the Tuner and the antenna? The tuner
> > reports the matched number no the antenna SWR.
> >
> > On 01/21/2011 08:06 AM, n8ob wrote:
> > > It shows an indication of about 1.7 to 1 on 2 different SWR meters on the particular band and frequency. The AT200 shows the SWR as 1.1 or no indication at all. It's not a big problem but it has me wondering about the accuracy. I still use the external SWR meter to verify the settings. My previous unit, an AT-11, showed the SWR indication more accurately under the same circumstances. (At least they agreed).
> > >
> > > Bob - N8OB
> > >
> > > --- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@> wrote:
> > >>
> > >> Robert,
> > >>
> > >> We're moving away from showing the version number on the displays. We're now recommending that the user take the lid off to read the version number. The manual probably still needs updating.
> > >>
> > >> #2) when you say some SWR, how much is that? Most low cost SWR meters are +/- 10%, so all of them may be within spec.
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> > >> Dwayne Kincaid
> > >> LDG
> > >>

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> > --
> > Leonard K. Pennock
> > AD7AS
> >
> > Those who walk bravely through life, unafraid of loss or failure,
> > find that they very rarely lose or fail.
> >
>

4585. Re: [LDG-auto-tuners] thinking of getting a tuner for my first time

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-01-22 18:49:50 UTC
From: Scott L. Marriam
Topic: 4572 Message: 4585

I have the Z-11PROII. It seems to be the official tuner of our ham club.
None of us have had any problems with it, and I know of at 2 multi-band,
multi mode rigs that are connected to them with no problems reported.

We operated 3 HF rigs in close quarters at Field Day last year without a
hiccup.

Scott WA2DTN

On Fri, 2011-01-21 at 08:19 -0700, Leonard K. Pennock wrote:
> Only issue I've seen with the Z11pro which LDG lists as the same issue
> with the z11pro2 was it would try and tune a signal that was out of the
> frequency range it could tune. FT857 had enough leakage from V/UHF to
> the HF port to cause the Z11pro to tune. I doubt you will see that kind
> of issue with your radio. The problem was a combination of the RF
> leakage and the fact the Z11pro would tune with .1W input. The LDG web
> site doesn't list this as a problem with the Z100plus.
>
> On 01/20/2011 05:45 PM, Ron K7CDL wrote:
> > icom 706 (the oldest model)
> >
> > --- On Thu, 1/20/11, Leonard K. Pennock <leonardpennock@...> wrote:
> >
> >
> > From: Leonard K. Pennock <leonardpennock@...>
> > Subject: Re: [LDG-auto-tuners] thinking of getting a tuner for my first time
> > To: LDG-auto-tuners@yahoogroups.com
> > Date: Thursday, January 20, 2011, 4:19 PM
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> > What radio are you going to use it with?
> >
> > On 01/20/2011 08:32 AM, Ron K7CDL wrote:
> >> i'm thinking of getting a tuner for my first time. i'm thinking of the Z-100plus or
the Z-11pro 2. i'm having to go cheap as i'm on unemployment and returning back to school
to get my GED. is there any know problems with each of these tuners that i should know
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> >> K7CDL
> >> Ron
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4586. Re: [LDG-auto-tuners] Re: Switching antennas

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-01-22 19:44:21 UTC
From: Leonard K. Pennock
Topic: 4551 Message: 4586

Not sure on the Z100plus as I haven't used it. But most of the other
LDG tuners will do a tune cycle on transmit as soon as they see a SWR
above the tune threshold.

On 01/21/2011 09:41 PM, kf7dur wrote:
> Am I the only one on this list switches antennas??
>
> --- In LDG-auto-tuners@yahoogroups.com, "kf7dur" <kf7dur@...> wrote:
>>
>> Just purchased a Z-100Plus to use with my Yaesu FT-857D. It works great.
>> My question is this:
>> I like to experiment with different antennas and I do a lot of swapping back and forth
(when the weather is warmer). Will the Z-100 detect a mismatch and retune when I swap
antennas or do I have to manually initiate a retune every time I switch antennas?
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>> Ken
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Leonard K. Pennock
AD7AS

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find that they very rarely lose or fail.

4587. Re: [LDG-auto-tuners] Re: thinking of getting a tuner for my first time

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-01-22 19:55:53 UTC
From: Leonard K. Pennock
Topic: 4572 Message: 4587

Not sure what the difference is between the z11Pro and Z11Pro2. Specs
in my manual for the Z11pro indicate it is a better but larger tuner
than the Pro2 specs on the web site. Here are the specs with a difference.

Pro Memories: 8000 3D memories
Pro2 Memories: 2000

Pro tune time: .1 to 4 seconds full tune
Pro2 tune time: .1 to 6 seconds full tune

Pro Power: 8-16Vdc
Pro2 Power: 6-16Vdc

Pro: 7.5x5.75x1.75"
Pro2: 7.7x5.0x1.5"

Wouldn't read too much into these specs though.

On 01/21/2011 09:32 PM, Ron K7CDL wrote:
> what is the different in the z11pro and the z11pro model-2. i see both on ebay but total different prices. all i need is a turner that will tune my butternut antenna 6m-80m 100w on a low budject without switches i have to play with to try to tune it myself. i'm so confused sometimes, ok your right i'm confussed most of the time lol.
>
> --- In LDG-auto-tuners@yahoogroups.com, "Leonard K. Pennock" <leonardpennock@...> wrote:
>>
>> Only issue I've seen with the Z11pro which LDG lists as the same issue
>> with the z11pro2 was it would try and tune a signal that was out of the
>> frequency range it could tune. FT857 had enough leakage from V/UHF to
>> the HF port to cause the Z11pro to tune. I doubt you will see that kind
>> of issue with your radio. The problem was a combination of the RF
>> leakage and the fact the Z11pro would tune with .1W input. The LDG web
>> site doesn't list this as a problem with the Z100plus.
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>> On 01/20/2011 05:45 PM, Ron K7CDL wrote:
>>> icom 706 (the oldest model)
>>>
>>> --- On Thu, 1/20/11, Leonard K. Pennock <leonardpennock@...> wrote:
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>>>
>>> From: Leonard K. Pennock <leonardpennock@...>
>>> Subject: Re: [LDG-auto-tuners] thinking of getting a tuner for my first time
>>> To: LDG-auto-tuners@yahoogroups.com
>>> Date: Thursday, January 20, 2011, 4:19 PM
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>>> What radio are you going to use it with?
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>>> On 01/20/2011 08:32 AM, Ron K7CDL wrote:
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>>>> K7CDL
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>> --
>> Leonard K. Pennock
>> AD7AS
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>> Those who walk bravely through life, unafraid of loss or failure,
>> find that they very rarely lose or fail.
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> Yahoo! Groups Links
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Leonard K. Pennock
AD7AS

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4588. Re: Switching antennas

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-01-23 03:45:50 UTC
From: kf7dur
Topic: 4551 Message: 4588

Thanks for the reply, I was hoping it worked that way.

--- In LDG-auto-tuners@yahoogroups.com, "Leonard K. Pennock" <leonardpennock@...> wrote:
>
> Not sure on the Z100plus as I haven't used it. But most of the other
> LDG tuners will do a tune cycle on transmit as soon as they see a SWR
> above the tune threshold.
>
> On 01/21/2011 09:41 PM, kf7dur wrote:
> > Am I the only one on this list switches antennas??
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> > --- In LDG-auto-tuners@yahoogroups.com, "kf7dur" <kf7dur@> wrote:
> >>
> >> Just purchased a Z-100Plus to use with my Yaesu FT-857D. It works great.
> >> My question is this:
> >> I like to experiment with different antennas and I do a lot of swapping back and forth (when the weather is warmer). Will the Z-100 detect a mismatch and retune when I swap antennas or do I have to manually initiate a retune every time I switch antennas?
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> --
> Leonard K. Pennock
> AD7AS
>
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>

4589. Re: AT-200Pro Questions

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-01-23 16:13:17 UTC
From: KC7HP
Topic: 4574 Message: 4589

--- In LDG-auto-tuners@yahoogroups.com, "nt4om@..." <trbarber@...> wrote:
> ...The only meter that is important is the one on the radio. As long as you get full output from the radio and your SWR is under 2:1 you are not hurting anything. You still have the loss in the non-resonant antenna.
>
Comment: A motivation for measurement on the antenna side, aside from this demonstration, would be to alert you if something degrades the antenna that needs attention (corrosion, things falling off, ...). Implicitly, you would have confidence that the radio is still providing full output because you would see that the antenna-side SWR is within the bounds that the tuner can handle.

regards, hugh
KC7HP seattle

4590. got a LDG Z-11 pro on order

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-01-23 18:09:58 UTC
From: Ron K7CDL
Topic: 4590 Message: 4590

well all i was able to get a LDG Z-11 pro tuner off of ebay for 120.00 with shipping. i was just wondering, i got 12 gauge soild wire for grounding but i will have to run a little ways to be able to get outside, will this be good enough wire, whats the max any of you would run the wire? also another question is i have a swr/power meter in line with my system, am i right that when tuner comes in that the swr/power meter gets installed between the tuner and antenna and not between the radio and the tuner?
thanks for all the help
73s
K7CDL
Ron

4591. Re: [LDG-auto-tuners] got a LDG Z-11 pro on order

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-01-24 01:17:09 UTC
From: Leonard K. Pennock
Topic: 4590 Message: 4591

The SWR between the tuner and radio should always be less than the tune threshold so the only reason to put a SWR meter there is if you don't trust the tuner. Putting the SWR meter between the tuner and the Antenna will show the SWR of the antenna so if you are worried about your antenna changing it works best between the tuner and the antenna. For my money the best place to put the SWR meter is on eBay.

I can't give you an opinion on a ground as I run my station ungrounded.

On 01/23/2011 11:09 AM, Ron K7CDL wrote:
> well all i was able to get a LDG Z-11 pro tuner off of ebay for 120.00 with shipping. i was just wondering, i got 12 gauge soild wire for grounding but i will have to run a little ways to be able to get outside, will this be good enough wire, whats the max any of you would run the wire? also another question is i have a swr/power meter in line with my system, am i right that when tuner comes in that the swr/power meter gets installed between the tuner and antenna and not between the radio and the tuner?
> thanks for all the help
> 73s
> K7CDL
> Ron
>
>
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> ------------------------------------
>
> Yahoo! Groups Links
>
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>

--
Leonard K. Pennock
AD7AS

Those who walk bravely through life, unafraid of loss or failure,
find that they very rarely lose or fail.

4592. Re: [LDG-auto-tuners] got a LDG Z-11 pro on order

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-01-25 01:26:41 UTC
From: Jim Lynch
Topic: 4590 Message: 4592

On 01/23/2011 01:09 PM, Ron K7CDL wrote:
> well all i was able to get a LDG Z-11 pro tuner off of ebay for 120.00 with shipping. i was just wondering, i got 12 gauge soild wire for grounding but i will have to run a little ways to be able to get outside, will this be good enough wire, whats the max any of you would run the wire? also another question is i have a swr/power meter in line with my system, am i right that when tuner comes in that the swr/power meter gets installed between the tuner and antenna and not between the radio and the tuner?
> thanks for all the help
> 73s
> K7CDL
> Ron
>
Remember that a ground wire longer than about 1/4 wavelength acts more like an antenna than a ground. It can cause problems but you never can say for sure.

Normally people put swr meters between the radio and whatever comes next, tuner or antenna. If you have a decent meter in the radio you need not bother. As someone just pointed out a meter between the antenna and the tuner might give you a heads up if something goes screwy with the antenna that the tuner might hide.

Jim.

Jim.

4593. Re: [LDG-auto-tuners] got a LDG Z-11 pro on order

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-01-25 19:47:02 UTC
From: Glenn AE0Q
Topic: 4590 Message: 4593

On Sun, Jan 23, 2011 at 11:09 AM, Ron K7CDL <nakitatrucker@...> wrote:

>
> well all i was able to get a LDG Z-11 pro tuner off of ebay for 120.00
> with shipping. i was just wondering, i got 12 gauge soild wire for grounding
> but i will have to run a little ways to be able to get outside, will this be
> good enough wire, whats the max any of you would run the wire? also another
> question is *i have a swr/power meter in line with my system, am i right
> that when tuner comes in that the swr/power meter gets installed between the
> tuner and antenna and not between the radio and the tuner?*
>

If the SWR meter (or wattmeter) is between the tuner and antenna, it
becomes part of the antenna and feedline that the tuner is trying to match!
If it is a meter with a remote head for the display, that too would become
part of the wiring being matched.

Probably better to keep the meter between the radio and antenna tuner.

73 - Glenn AE0Q

--
"Remember, any tool can be the right tool!" Red Green

AE0Q ex: GM5BKC, ZB2WZ, V31RY, SV0WY, WA0VPK
ae0q@... --SOWP 5558-M, ARRL LM, QCWA LM, OOTC, NCVA--
http://www.radiotipsandtales.com

[Non-text portions of this message have been removed]

4594. yt-450 not keeping memmory

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-01-25 13:23:42 UTC
From: Chris
Topic: 4594 Message: 4594

Good morning all,

In November I won the ft-950 in the gigaparts contest. I bought the yt-450 from cheapham as I was waiting for the rig to come.

Lately, after I tune a frequency, go to another frequency and tune, THEN go immediately back to the first frequency, the swr meter on the ft-950 shows I and I must do a re-tune. This all happens when I PTT.
There was one time that I checked into a net after tuning. When my station was called for my report and PTT, I had a high swrn the meter and had to re-tune. This morning after tuning a freq. for a net, I shut the station down to take my wife to work. Twenty minutes later, I did a PTT without any change of freq. and I had a high swr and had to re-tune.

Is this supposed to happen?

I have the AT-100 on my 746pro and an AT100pro an my 7600, and have not had this problem.

73 and thanks Chris kc2obn

4595. Re: Almost made it (YT-847) Got it and am using it!

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-01-25 22:35:53 UTC
From: vk2awj
Topic: 4537 Message: 4595

Hello Andy,

I use Ham Radio Deluxe to control my FT-847, mainly on satellites, connected at 4800 baud.

The baud rate needs to be 9600 baud with the YT-847. (Flashing LED when radio set to 4800)

HRD can connect directly with the radio at 9600 baud, but will not connect at 9600 through the CAT feed through port on the tuner.

Regards

John

4596. Re: [LDG-auto-tuners] Re: Almost made it (YT-847) Got it and am using it!

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-01-25 22:58:29 UTC
From: Leonard K. Pennock
Topic: 4537 Message: 4596

Doesn't the Cat rate need to be set to 38400 with Cat TOT to 100 and CAT
RTS to Enable?

On 01/25/2011 03:35 PM, vk2awj wrote:
> Hello Andy,
>
> I use Ham Radio Deluxe to control my FT-847, mainly on satellites, connected at 4800
baud.
>
> The baud rate needs to be 9600 baud with the YT-847. (Flashing LED when radio set to
4800)
>
> HRD can connect directly with the radio at 9600 baud, but will not connect at 9600
through the CAT feed through port on the tuner.
>
> Regards
>
> John
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> ------------------------------------
>
> Yahoo! Groups Links
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Leonard K. Pennock
AD7AS

Those who walk bravely through life, unafraid of loss or failure,
find that they very rarely lose or fail.

4597. Re: [LDG-auto-tuners] got a LDG Z-11 pro on order

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-01-26 09:22:31 UTC
From: Jim Lynch
Topic: 4590 Message: 4597

On 01/25/2011 02:47 PM, Glenn AE0Q wrote:
> On Sun, Jan 23, 2011 at 11:09 AM, Ron K7CDL<nakitatrucker@...> wrote:
>
>> well all i was able to get a LDG Z-11 pro tuner off of ebay for 120.00
>> with shipping. i was just wondering, i got 12 gauge soild wire for grounding
>> but i will have to run a little ways to be able to get outside, will this be
>> good enough wire, whats the max any of you would run the wire? also another
>> question is *i have a swr/power meter in line with my system, am i right
>> that when tuner comes in that the swr/power meter gets installed between the
>> tuner and antenna and not between the radio and the tuner?*
>>
> If the SWR meter (or wattmeter) is between the tuner and antenna, it
> becomes part of the antenna and feedline that the tuner is trying to match!
> If it is a meter with a remote head for the display, that too would become
> part of the wiring being matched.
>
> Probably better to keep the meter between the radio and antenna tuner.
>
> 73 - Glenn AE0Q
>
However if it's of a decent design, it shouldn't present an impedance
bump and should be invisible to the tuner, except for a change in the
velocity factor, which can be compensated for by changing the coax
length. Insertion loss on HF would be minimal.

Jim.

4598. Re: [LDG-auto-tuners] got a LDG Z-11 pro on order

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-01-26 13:28:56 UTC
From: Glenn AE0Q
Topic: 4590 Message: 4598

The problem isn't an impedance bump. It is the problem of unknown points along the feedline (which the wattmeter is now part of) that have extremely high voltage nodes. Just going to a bad mismatch with 100 watts output can result in thousands of volts at unknown points along the feedline from antenna tuner to the antenna. If the wattmeter is at one of those high voltage points, it can surely be damaged!

Glenn AE0Q

On Wed, Jan 26, 2011 at 2:22 AM, Jim Lynch <k4gvo@...> wrote:

>
> On 01/25/2011 02:47 PM, Glenn AE0Q wrote:
> > On Sun, Jan 23, 2011 at 11:09 AM, Ron
K7CDL<nakitatrucker@...<nakitatrucker%40yahoo.com>>
> wrote:
> >
> >> well all i was able to get a LDG Z-11 pro tuner off of ebay for 120.00
> >> with shipping. i was just wondering, i got 12 gauge soild wire for
> grounding
> >> but i will have to run a little ways to be able to get outside, will
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> >> tuner and antenna and not between the radio and the tuner?*
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> > part of the wiring being matched.
> >
> > Probably better to keep the meter between the radio and antenna tuner.
> >
> > 73 - Glenn AE0Q
> >
> However if it's of a decent design, it shouldn't present an impedance
> bump and should be invisible to the tuner, except for a change in the
> velocity factor, which can be compensated for by changing the coax
> length. Insertion loss on HF would be minimal.
>
> Jim._

> __,._,___
>

--
"Remember, any tool can be the right tool!" Red Green

AE0Q ex: GM5BKC, ZB2WZ, V31RY, SV0WY, WA0VPK
ae0q@... --SOWP 5558-M, ARRL LM, QCWA LM, OOTC, NCVA--
http://www.radiotipsandtales.com

[Non-text portions of this message have been removed]

4599. Re: Almost made it (YT-847) Got it and am using it!

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-01-26 21:25:11 UTC
From: John Williams
Topic: 4537 Message: 4599

Thanks for your comments Leonard.

1. The CAT RATE for the FT-847 can be set at 4800/9600/57600. No
option for 38400

2. There is no menu item to set CAT TOT or CAT RTS.

3. Contact with LDG Support indicates the tuner needs be returned to
to check the feed-through cat port.

73

John

--
JW Williams VK2AWJ
PO Box 260
Gol Gol NSW 2738

Phone: 03 5024 8356
Mobile: 0407 450 850

4600. Re: [LDG-auto-tuners] Re: Almost made it (YT-847) Got it and am using it!

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-01-26 22:25:04 UTC
From: Leonard K. Pennock
Topic: 4537 Message: 4600

Ok I was just looking at the manual when I suggested that number. Hope
it works out for you.

On 01/26/2011 02:25 PM, John Williams wrote:
> Thanks for your comments Leonard.
>
> 1. The CAT RATE for the FT-847 can be set at 4800/9600/57600. No
> option for 38400
>
> 2. There is no menu item to set CAT TOT or CAT RTS.
>
> 3. Contact with LDG Support indicates the tuner needs be returned to
> to check the feed-through cat port.
>
> 73
>
> John
>
>

--
Leonard K. Pennock
AD7AS

Those who walk bravely through life, unafraid of loss or failure,
find that they very rarely lose or fail.

4601. SWR Reading variations.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-01-27 20:16:26 UTC
From: Daniel
Topic: 4601 Message: 4601

I'm using the AT 100 ProII tuner with an ICOM 7600 transceiver. The LDG tuner consistently shows higher SWR readings than the radio's internal SWR meter. Why the difference? And... which should I trust? Thanks, Dan O'Connell/KC2TRX.

4602. Re: SWR Reading variations.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-01-27 22:28:36 UTC
From: Dwayne
Topic: 4601 Message: 4602

Hello Dan,

Please provide more details. What is the radio and tuner reading? It may all be within tolerance (+/- 10%).

Normally, the radio is the one to go by, but the tuner can still provide valuable information as well.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "Daniel" <daniel.o39connell@...> wrote:
>
>
> I'm using the AT 100 ProII tuner with an ICOM 7600 transceiver. The LDG tuner consistently shows higher SWR readings than the radio's internal SWR meter. Why the difference? And... which should I trust? Thanks, Dan O'Connell/KC2TRX.
>

4603. Re: SWR Reading variations.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-01-28 14:59:00 UTC
From: n8ob
Topic: 4601 Message: 4603

How do I determine tolerance (+/- 10%) with SWR? I can understand with power, etc. My AT200Pro does the same thing. If the AT200 reads 1:1 SWR and the radio reads 1.5:1 SWR, how do I determine tolerance?

Bob -N8OB

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
> Hello Dan,
>
> Please provide more details. What is the radio and tuner reading? It may all be within tolerance (+/- 10%).
>
> Normally, the radio is the one to go by, but the tuner can still provide valuable information as well.
>
> Dwayne Kincaid
> LDG
>
>
> --- In LDG-auto-tuners@yahoogroups.com, "Daniel" <daniel.o39connell@> wrote:
> >
> >
> > I'm using the AT 100 ProII tuner with an ICOM 7600 transceiver. The LDG tuner consistently shows higher SWR readings than the radio's internal SWR meter. Why the difference? And... which should I trust? Thanks, Dan O'Connell/KC2TRX.
> >
>

4604. Re: SWR Reading variations.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-01-28 13:54:09 UTC
From: Daniel
Topic: 4601 Message: 4604

Hello Dwayne: I'm using the AT 100 ProII with a Transworld vertical dipole. The typical SWR readings on 20 meters are around 1.3 on the ICOM 7600, and 1.7/1.8 on the AT 100. Not a big deal, but I'm curious about the variation. Thanks, Dan O'Connell.

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
> Hello Dan,
>
> Please provide more details. What is the radio and tuner reading? It may all be within tolerance (+/- 10%).
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> Normally, the radio is the one to go by, but the tuner can still provide valuable information as well.
>
> Dwayne Kincaid
> LDG
>
>
> --- In LDG-auto-tuners@yahoogroups.com, "Daniel" <daniel.o39connell@> wrote:
> >
> >
> > I'm using the AT 100 ProII tuner with an ICOM 7600 transceiver. The LDG tuner consistently shows higher SWR readings than the radio's internal SWR meter. Why the difference? And... which should I trust? Thanks, Dan O'Connell/KC2TRX.
> >
>

4605. Cross-meter for AT-200Pro?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-01-28 16:14:07 UTC
From: doc@kd4e.com
Topic: 4605 Message: 4605

The AT-200Pro has it all over the MFJ-993B; 160-6m vs
160-10m, sleeker look and size, and it's LDG! ;-)

The one thing I miss is an analog meter. Is there a
way that a cross-needle analog meter could be tapped
into it?

--

Thanks! & 73, KD4E
David Colburn http://kd4e.com
Have an http://ultrafidian.com day
I don't google I SEARCH! http://ixquick.com
Shop Freedom-Friendly http://kd4e.com/of.html

4606. Re: SWR Reading variations.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-01-28 19:43:45 UTC
From: Dwayne
Topic: 4601 Message: 4606

Hi Bob,

Just vary the RF power in the SWR formula by +/-10% and see what you get.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "n8ob" <bbrown42@...> wrote:
>
> How do I determine tolerance (+/- 10%) with SWR? I can understand with power, etc. My AT200Pro does the same thing. If the AT200 reads 1:1 SWR and the radio reads 1.5:1 SWR, how do I determine tolerance?
>
> Bob -N8OB
>
>
> --- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@> wrote:
> >
> > Hello Dan,
> >
> > Please provide more details. What is the radio and tuner reading? It may all be within tolerance (+/- 10%).
> >
> > Normally, the radio is the one to go by, but the tuner can still provide valuable information as well.
> >
> > Dwayne Kincaid
> > LDG
> >
> >
> > --- In LDG-auto-tuners@yahoogroups.com, "Daniel" <daniel.o39connell@> wrote:
> > >
> > >
> > > I'm using the AT 100 ProII tuner with an ICOM 7600 transceiver. The LDG tuner consistently shows higher SWR readings than the radio's internal SWR meter. Why the difference? And... which should I trust? Thanks, Dan O'Connell/KC2TRX.
> > >
> >
>

4607. Re: SWR Reading variations.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-01-28 19:54:35 UTC
From: Dwayne
Topic: 4601 Message: 4607

Hello Dan,

Sounds like the control for the reverse reading is off a little. It's a simple adjustment on the inside. Just turn down the pot that is marked for the Rev so it reads closer to your radio.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "Daniel" <daniel.o39connell@...> wrote:
>
> Hello Dwayne: I'm using the AT 100 ProII with a Transworld vertical dipole. The typical SWR readings on 20 meters are around 1.3 on the ICOM 7600, and 1.7/1.8 on the AT 100. Not a big deal, but I'm curious about the variation. Thanks, Dan O'Connell.
>
> --- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@> wrote:
> >
> > Hello Dan,
> >
> > Please provide more details. What is the radio and tuner reading? It may all be within tolerance (+/- 10%).
> >
> > Normally, the radio is the one to go by, but the tuner can still provide valuable information as well.
> >
> > Dwayne Kincaid
> > LDG
> >
> >
> > --- In LDG-auto-tuners@yahoogroups.com, "Daniel" <daniel.o39connell@> wrote:
> > >
> > >
> > > I'm using the AT 100 ProII tuner with an ICOM 7600 transceiver. The LDG tuner consistently shows higher SWR readings than the radio's internal SWR meter. Why the difference? And... which should I trust? Thanks, Dan O'Connell/KC2TRX.
> > >
> >
>

4608. Re: SWR Reading variations.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-01-28 22:10:30 UTC
From: Daniel
Topic: 4601 Message: 4608

Dwayne: Tried adjusting the pot - only one I could see, but not marked - and was able to bring the Transceiver and AT 100 readings closer, but still some variations in the readings: 1.2 vs. 1.5. Perhaps just the nature of the beast. Thanks, Dan O.

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
> Hello Dan,
>
> Sounds like the control for the reverse reading is off a little. It's a simple adjustment on the inside. Just turn down the pot that is marked for the Rev so it reads closer to your radio.
>
> Dwayne Kincaid
> LDG
>
> --- In LDG-auto-tuners@...m, "Daniel" <daniel.o39connell@> wrote:
> >
> > Hello Dwayne: I'm using the AT 100 ProII with a Transworld vertical dipole. The typical SWR readings on 20 meters are around 1.3 on the ICOM 7600, and 1.7/1.8 on the AT 100. Not a big deal, but I'm curious about the variation. Thanks, Dan O'Connell.
> >
> > --- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@> wrote:
> > >
> > > Hello Dan,
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> > > Please provide more details. What is the radio and tuner reading? It may all be within tolerance (+/- 10%).
> > >
> > > Normally, the radio is the one to go by, but the tuner can still provide valuable information as well.
> > >
> > > Dwayne Kincaid
> > > LDG
> > >
> > >
> > > --- In LDG-auto-tuners@yahoogroups.com, "Daniel" <daniel.o39connell@> wrote:
> > > >
> > > >
> > > > I'm using the AT 100 ProII tuner with an ICOM 7600 transceiver. The LDG tuner consistently shows higher SWR readings than the radio's internal SWR meter. Why the difference? And... which should I trust? Thanks, Dan O'Connell/KC2TRX.
> > > >
> > >
> > >
> >
>

4609. Re: SWR Reading variations.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-01-28 21:17:26 UTC
From: Daniel
Topic: 4601 Message: 4609

Dwayne: I've got the cover off the AT100, but can't find the RV pot. - Dan O.
--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
> Hello Dan,
>
> Sounds like the control for the reverse reading is off a little. It's a simple adjustment on the inside. Just turn down the pot that is marked for the Rev so it reads closer to your radio.
>
> Dwayne Kincaid
> LDG
>
> --- In LDG-auto-tuners@yahoogroups.com, "Daniel" <daniel.o39connell@> wrote:
> >
> > Hello Dwayne: I'm using the AT 100 ProII with a Transworld vertical dipole. The typical SWR readings on 20 meters are around 1.3 on the ICOM 7600, and 1.7/1.8 on the AT 100. Not a big deal, but I'm curious about the variation. Thanks, Dan O'Connell.
> >
> > --- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@> wrote:
> > >
> > > Hello Dan,
> > >
> > > Please provide more details. What is the radio and tuner reading? It may all be within tolerance (+/- 10%).
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> > > Normally, the radio is the one to go by, but the tuner can still provide valuable information as well.
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> > > Dwayne Kincaid
> > > LDG
> > >
> > >
> > > --- In LDG-auto-tuners@yahoogroups.com, "Daniel" <daniel.o39connell@> wrote:
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> > > >
> > > > I'm using the AT 100 ProII tuner with an ICOM 7600 transceiver. The LDG tuner consistently shows higher SWR readings than the radio's internal SWR meter. Why the difference? And... which should I trust? Thanks, Dan O'Connell/KC2TRX.
> > > >
> > >
> > >
> >
>

4610. Re: SWR Reading variations.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-01-28 20:51:59 UTC
From: n8ob
Topic: 4601 Message: 4610

Ok, now I understand. I would just like to have the SWR meter in the radio and the AT-200Pro read about the same. Despite this "problem" I love the tuner. I did have to adjust the wattmeter indication to agree with my Bird. It was indicating 80 watts at a true 100 Watts into a 50 ohm dummy load.

The reflected adjustment pot in the tuner is completely clockwise and doesn't allow any other adjustment.

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
> Hi Bob,
>
> Just vary the RF power in the SWR formula by +/-10% and see what you get.
>
> Dwayne Kincaid
> LDG
>
> --- In LDG-auto-tuners@yahoogroups.com, "n8ob" <bbrown42@> wrote:
> >
> > How do I determine tolerance (+/- 10%) with SWR? I can understand with power, etc. My AT200Pro does the same thing. If the AT200 reads 1:1 SWR and the radio reads 1.5:1 SWR, how do I determine tolerance?
> >
> > Bob -N8OB
> >
> >

4611. Re: [LDG-auto-tuners] Re: SWR Reading variations.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-01-29 12:26:11 UTC
From: Joe
Topic: 4601 Message: 4611

What slug are you using to read forward and reflected power on the bird wattmeter?

Joe

On 1/28/2011 3:51 PM, n8ob wrote:
> Ok, now I understand. I would just like to have the SWR meter in the radio and the AT-200Pro read about the same. Despite this "problem" I love the tuner. I did have to adjust the wattmeter indication to agree with my Bird. It was indicating 80 watts at a true 100 Watts into a 50 ohm dummy load.
>
> The reflected adjustment pot in the tuner is completely clockwise and doesn't allow any other adjustment.
>
>
> --- In LDG-auto-tuners@yahoogroups.com, "Dwayne"<ldgyahoo@...> wrote:
>> Hi Bob,
>>
>> Just vary the RF power in the SWR formula by +/-10% and see what you get.
>>
>> Dwayne Kincaid
>> LDG
>>
>> --- In LDG-auto-tuners@yahoogroups.com, "n8ob"<bbrown42@> wrote:
>>> How do I determine tolerance (+/- 10%) with SWR? I can understand with power, etc. My AT200Pro does the same thing. If the AT200 reads 1:1 SWR and the radio reads 1.5:1 SWR, how do I determine tolerance?
>>>
>>> Bob -N8OB
>>>
>>>
>
>
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> ------------------------------------
>
> Yahoo! Groups Links
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>

4612. Re: SWR Reading variations.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-01-29 16:56:33 UTC
From: n8ob
Topic: 4601 Message: 4612

Joe,

Using a Bird 100H slug. Testing at 50 watts.

Bob - N8OB
-

-- In LDG-auto-tuners@yahoogroups.com, Joe <k1ike_mail@...> wrote:
>
> What slug are you using to read forward and reflected power on the bird
> wattmeter?
>
> Joe
>
> On 1/28/2011 3:51 PM, n8ob wrote:
> > Ok, now I understand. I would just like to have the SWR meter in the radio and the AT-200Pro read about the same. Despite this "problem" I love the tuner. I did have to adjust the wattmeter indication to agree with my Bird. It was indicating 80 watts at a true 100 Watts into a 50 ohm dummy load.
> >
> > The reflected adjustment pot in the tuner is completely clockwise and doesn't allow any other adjustment.
> >
> >

4613. Re: [LDG-auto-tuners] Re: SWR Reading variations.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-01-30 01:55:11 UTC
From: Joe
Topic: 4601 Message: 4613

Hi Bob,

The reason I am asking is that you may or may not know that the Bird 43 wattmeter has an accuracy of + or - 5% of full scale. That means if you are using a 100 watt slug and you are measuring 50 watts, the actual power could be between 45 and 55 watts. A better choice would be a 50H slug, but I know I couldn't afford to have all the possible slugs. Those who use a Bird wattmeter have to keep this in mind. If you had been using a 500H slug, the actual power could have been between 25 and 75 watts. Using the 100H for testing reverse power of a 50 watt signal will usually give useless readings.

The Bird 43 seems to have become the "gold standard" among hams for reading RF power. What many people don't realize is the + or - 5% full scale accuracy rating. It's not 5% of what you are reading, but 5% of the full scale rating. Also, Bird recommended that you always kept your reading in the top 1/3 of the meter scale. If you fell below 1/3 you were suppose to use the next smallest slug. This make for a large assortment of slugs being carried around on service calls. Some techs even had a separate case just for the slugs.

If you use the Bird 43 properly it can be a great tool. Used improperly it can be very misleading. I like the Telewave Model 44A broadband wattmeter for work between 20 to 1000MHz. No slugs.

73, Joe, K1ike

On 1/29/2011 11:56 AM, n8ob wrote:
> Joe,
>
> Using a Bird 100H slug. Testing at 50 watts.
>
> Bob - N8OB
> -
>
> -- In LDG-auto-tuners@yahoogroups.com, Joe<k1ike_mail@...> wrote:
>> What slug are you using to read forward and reflected power on the bird
>> wattmeter?
>>
>> Joe
>>
>> On 1/28/2011 3:51 PM, n8ob wrote:
>>> Ok, now I understand. I would just like to have the SWR meter in the radio and the AT-200Pro read about the same. Despite this "problem" I love the tuner. I did have to adjust the wattmeter indication to agree with my Bird. It was indicating 80 watts at a true 100 Watts into a 50 ohm dummy load.

>>>
>>> The reflected adjustment pot in the tuner is completely clockwise and doesn't allow any other adjustment.
>>>
>>>
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> ------------------------------------
>
> Yahoo! Groups Links
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4614. Re: SWR Reading variations.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-01-30 03:05:40 UTC
From: n8ob
Topic: 4601 Message: 4614

I understand the accuracy of the Bird Wattmeter, it's the swr discrepancy between the LDG and the swr (reflected power). I indicate virtually 0 reflected power on the Bird and 1.8 on the LDG. This is about the same using 100 watts forward power. I guess what I want to know is, how can I get the 2 to agree more closely? Or does it really matter?

N8OB - Bob

--- In LDG-auto-tuners@yahoogroups.com, Joe <k1ike_mail@...> wrote:
>
> Hi Bob,
>
> The reason I am asking is that you may or may not know that the Bird 43
> wattmeter has an accuracy of + or - 5% of full scale. That means if you
> are using a 100 watt slug and you are measuring 50 watts, the actual
> power could be between 45 and 55 watts. A better choice would be a 50H
> slug, but I know I couldn't afford to have all the possible slugs.
> Those who use a Bird wattmeter have to keep this in mind. If you had
> been using a 500H slug, the actual power could have been between 25 and
> 75 watts. Using the 100H for testing reverse power of a 50 watt signal
> will usually give useless readings.
>
> The Bird 43 seems to have become the "gold standard" among hams for
> reading RF power. What many people don't realize is the + or - 5% full
> scale accuracy rating. It's not 5% of what you are reading, but 5% of
> the full scale rating. Also, Bird recommended that you always kept your
> reading in the top 1/3 of the meter scale. If you fell below 1/3 you
> were suppose to use the next smallest slug. This make for a large
> assortment of slugs being carried around on service calls. Some techs
> even had a separate case just for the slugs.
>
> If you use the Bird 43 properly it can be a great tool. Used improperly
> it can be very misleading. I like the Telewave Model 44A broadband
> wattmeter for work between 20 to 1000MHz. No slugs.
>
> 73, Joe, K1ike
>
> On 1/29/2011 11:56 AM, n8ob wrote:
> > Joe,
> >
> > Using a Bird 100H slug. Testing at 50 watts.
> >
> > Bob - N8OB
> > -
> >
> > -- In LDG-auto-tuners@yahoogroups.com, Joe<k1ike_mail@> wrote:

> >> What slug are you using to read forward and reflected power on the bird
> >> wattmeter?
> >>
> >> Joe
> >>
> >> On 1/28/2011 3:51 PM, n8ob wrote:
> >>> Ok, now I understand. I would just like to have the SWR meter in the radio and the AT-200Pro read about the same. Despite this "problem" I love the tuner. I did have to adjust the wattmeter indication to agree with my Bird. It was indicating 80 watts at a true 100 Watts into a 50 ohm dummy load.
> >>>
> >>> The reflected adjustment pot in the tuner is completely clockwise and doesn't allow any other adjustment.
> >>>
> >>>
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
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4615. Re: SWR Reading variations.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-01-30 17:09:45 UTC
From: Dwayne
Topic: 4601 Message: 4615

Hello Dan,

With the front of the unit facing you, the two pots will be on the left side near the back. It should be marked R or REF or REV.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "Daniel" <daniel.o39connell@...> wrote:
>
>
> Dwayne: I've got the cover off the AT100, but can't find the RV pot. - Dan O.
> --- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@> wrote:
> >
> > Hello Dan,
> >
> > Sounds like the control for the reverse reading is off a little. It's a simple adjustment on the inside. Just turn down the pot that is marked for the Rev so it reads closer to your radio.
> >
> > Dwayne Kincaid
> > LDG
> >
> > --- In LDG-auto-tuners@yahoogroups.com, "Daniel" <daniel.o39connell@> wrote:
> > >
> > > Hello Dwayne: I'm using the AT 100 ProII with a Transworld vertical dipole. The typical SWR readings on 20 meters are around 1.3 on the ICOM 7600, and 1.7/1.8 on the AT 100. Not a big deal, but I'm curious about the variation. Thanks, Dan O'Connell.
> > >
> > > --- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@> wrote:
> > > >
> > > > Hello Dan,
> > > >
> > > > Please provide more details. What is the radio and tuner reading? It may all be within tolerance (+/- 10%).
> > > >
> > > > Normally, the radio is the one to go by, but the tuner can still provide valuable information as well.
> > > >
> > > > Dwayne Kincaid
> > > > LDG
> > > >
> > > >
> > > > --- In LDG-auto-tuners@yahoogroups.com, "Daniel" <daniel.o39connell@> wrote:
> > > > >
> > > > >

> > > > > I'm using the AT 100 ProII tuner with an ICOM 7600 transceiver. The LDG tuner consistently shows higher SWR readings than the radio's internal SWR meter. Why the difference? And... which should I trust? Thanks, Dan O'Connell/KC2TRX.
> > > > >
> > > > >
> > > >
> > >
>

4616. Ham Radio Deluxe with AT1000PRO

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-01-30 23:27:56 UTC
From: wisiwyg2000
Topic: 4616 Message: 4616

Has anyone had any luck using the button in Ham Radio Deluxe for any functionality with the LDG1000PRO.
Rig is Icom 756PRO3.
Thanks,
Cliff
K4WNt

4617. Re: SWR Reading variations.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-01-30 22:12:05 UTC
From: Daniel
Topic: 4601 Message: 4617

Hello Dwayne: See my post # 4608. Thanks, Dan O.

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
> Hello Dan,
>
> With the front of the unit facing you, the two pots will be on the left side near the back. It should be marked R or REF or REV.
>
> Dwayne Kincaid
> LDG
>
> --- In LDG-auto-tuners@yahoogroups.com, "Daniel" <daniel.o39connell@> wrote:
> >
> >
> > Dwayne: I've got the cover off the AT100, but can't find the RV pot. - Dan O.
> > --- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@> wrote:
> > >
> > > Hello Dan,
> > >
> > > Sounds like the control for the reverse reading is off a little. It's a simple adjustment on the inside. Just turn down the pot that is marked for the Rev so it reads closer to your radio.
> > >
> > > Dwayne Kincaid
> > > LDG
> > >
> > > --- In LDG-auto-tuners@yahoogroups.com, "Daniel" <daniel.o39connell@> wrote:
> > > >
> > > > Hello Dwayne: I'm using the AT 100 ProII with a Transworld vertical dipole. The typical SWR readings on 20 meters are around 1.3 on the ICOM 7600, and 1.7/1.8 on the AT 100. Not a big deal, but I'm curious about the variation. Thanks, Dan O'Connell.
> > > >
> > > > --- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@> wrote:
> > > > >
> > > > > Hello Dan,
> > > > >
> > > > > Please provide more details. What is the radio and tuner reading? It may all be within tolerance (+/- 10%).
> > > > >
> > > > > Normally, the radio is the one to go by, but the tuner can still provide valuable information as well.
> > > > >
> > > > > Dwayne Kincaid
> > > > > LDG

> > > > >
> > > > >
> > > > > --- In LDG-auto-tuners@yahoogroups.com, "Daniel" <daniel.o39connell@> wrote:
> > > > > >
> > > > > >
> > > > > > I'm using the AT 100 ProII tuner with an ICOM 7600 transceiver. The LDG tuner consistently shows higher SWR readings than the radio's internal SWR meter. Why the difference? And... which should I trust? Thanks, Dan O'Connell/KC2TRX.
> > > > > >
> > > > >
> > > >
> > >
> >
>

4618. Re: SWR Reading variations.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-01-30 23:35:01 UTC
From: Dwayne
Topic: 4601 Message: 4618

Ok, Please provide the version number of your PC board. It should be written in copper on the PC board.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "Daniel" <daniel.o39connell@...> wrote:
>
> Hello Dwayne: See my post # 4608. Thanks, Dan O.
>
> --- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@> wrote:
> >
> > Hello Dan,
> >
> > With the front of the unit facing you, the two pots will be on the left side near the back. It should be marked R or REF or REV.
> >
> > Dwayne Kincaid
> > LDG
> >
> > --- In LDG-auto-tuners@yahoogroups.com, "Daniel" <daniel.o39connell@> wrote:
> > >
> > >
> > > Dwayne: I've got the cover off the AT100, but can't find the RV pot. - Dan O.
> > > --- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@> wrote:
> > > >
> > > > Hello Dan,
> > > >
> > > > Sounds like the control for the reverse reading is off a little. It's a simple adjustment on the inside. Just turn down the pot that is marked for the Rev so it reads closer to your radio.
> > > >
> > > > Dwayne Kincaid
> > > > LDG
> > > >
> > > > --- In LDG-auto-tuners@yahoogroups.com, "Daniel" <daniel.o39connell@> wrote:
> > > > >
> > > > > Hello Dwayne: I'm using the AT 100 ProII with a Transworld vertical dipole. The typical SWR readings on 20 meters are around 1.3 on the ICOM 7600, and 1.7/1.8 on the AT 100. Not a big deal, but I'm curious about the variation. Thanks, Dan O'Connell.
> > > > >
> > > > > --- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@> wrote:
> > > > > >
> > > > > > Hello Dan,
> > > > > >

> > > > > > Please provide more details. What is the radio and tuner reading? It may all be within tolerance (+/- 10%).
> > > > > >
> > > > > > Normally, the radio is the one to go by, but the tuner can still provide valuable information as well.
> > > > > > >
> > > > > > Dwayne Kincaid
> > > > > > LDG
> > > > > > >
> > > > > > >
> > > > > > --- In LDG-auto-tuners@yahoogroups.com, "Daniel" <daniel.o39connell@> wrote:
> > > > > > > >
> > > > > > > >
> > > > > > > I'm using the AT 100 ProII tuner with an ICOM 7600 transceiver. The LDG tuner consistently shows higher SWR readings than the radio's internal SWR meter. Why the difference? And... which should I trust? Thanks, Dan O'Connell/KC2TRX.
> > > > > > > >
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> >

4619. Re: SWR Reading variations.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-01-31 02:01:18 UTC
From: Ken
Topic: 4601 Message: 4619

I am not surprised at all that the radio's SWR reading is different. This has been beaten to death... but the question keeps coming up on various different lists.. The answer is.. don't expect the same reading on both meters.. nothing wrong with the meters.. If you do get the same reading it means that you have just the right length of cable between the radio and meter.

The basics of it is that you can not compare the SWR meter reading unless they are both taken at the very same place in the transmission line (same cables etc).. Any cable and connectors added by inserting an antenna tuner or SWR meter will change the match at the radio.

SWR exists on your transmission line in lumps so to speak.. Like the sine wave on a 60 cycle ac power line, there are peaks and valleys. Depending at which point on the transmission line you insert a meter, you will see different SWR readings. This is why you can make an antenna with a high SWR work, by changing the cable length. You change the radio's electrical position on the transmission with a lower SWR.

As a test to see how this this works, try inserting various length of coax before your tuner. You should see differences in the SWR at the radio.. My TS-590 will not tune my antenna if I have a patch cable and antenna switch in line.. it sees the SWR as too high to tune. Remove this and it works just fine, no problem tuning the same antenna. There is no problem with my LDG tuner as it is after switch.

If you can grasp this concept you will no longer worry about the meters matching. The radio meter is showing the match between it and the tuner while the other meter is showing the match between the tuner and the antenna. What is important is what the radio sees and that is closest to the reading on the internal meter. The bottom line is if the radio is happy, that what matters.

If you study this more you will find that having a 1:1 match may not always good. There is a lot more to this... too much for this post. There are many good books on the subject but a lot of them get very technical and loose many readers fast... I have written on subject but can't find what I want at this moment. I guess it's time to get some of this stuff together and put it up on my website so I don't end up trying to remember and have to type it out .. hi..

73 - Ken - VE5KC
- http://amateur-radio.ca
- http://ham-radio.ca

--- In LDG-auto-tuners@yahoogroups.com, "Daniel" <daniel.o39connell@...> wrote:
>
>
> I'm using the AT 100 ProII tuner with an ICOM 7600 transceiver. The LDG tuner consistently shows higher SWR readings than the radio's internal SWR meter. Why the difference? And... which should I trust? Thanks, Dan O'Connell/KC2TRX.

>

4620. Re: [LDG-auto-tuners] Re: SWR Reading variations.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-01-31 12:28:59 UTC
From: Joe
Topic: 4601 Message: 4620

I agree. The only twist to this is that he said the testing was done with a dummy load. Something strange is going on. If the VSWR to the 50 ohm dummy load is 1:1 there should be no difference in measurement along the transmission line. This does not appear to be true. Either the tuner is faulty or the test procedure is faulty.

If he had a VSWR of 1.8 to 1 showing on the tuner that would equate to about 8 watts reflected power. My point was that the Bird would be inaccurate if he used the 100 watt slug to read 8 watts.

Dan, if you put the tuner in the bypass mode with the dummy load does it still read a VSWR of 1.8:1? (I don't know if the tuner will read VSWR in bypass mode).

Joe

On 1/30/2011 9:01 PM, Ken wrote:
> I am not surprised at all that the radio's SWR reading is different. This has been beaten to death... but the question keeps coming up on various different lists.. The answer is.. don't expect the same reading on both meters.. nothing wrong with the meters.. If you do get the same reading it means that you have just the right length of cable between the radio and meter.
>
> The basics of it is that you can not compare the SWR meter reading unless they are both taken at the very same place in the transmission line (same cables etc).. Any cable and connectors added by inserting an antenna tuner or SWR meter will change the match at the radio.
>
> SWR exists on your transmission line in lumps so to speak.. Like the sine wave on a 60 cycle ac power line, there are peaks and valleys. Depending at which point on the transmission line you insert a meter, you will see different SWR readings. This is why you can make an antenna with a high SWR work, by changing the cable length. You change the radio's electrical position on the transmission with a lower SWR.
>
> As a test to see how this this works, try inserting various length of coax before your tuner. You should see differences in the SWR at the radio.. My TS-590 will not tune my antenna if I have a patch cable and antenna switch in line.. it sees the SWR as too high to tune. Remove this and it works just fine, no problem tuning the same antenna. There is no problem with my LDG tuner as it is after switch.
>
> If you can grasp this concept you will no longer worry about the meters matching. The radio meter is showing the match between it and the tuner while the other meter is showing the match between the tuner and the antenna. What is important is what the radio sees and that is closest to the reading on the internal meter. The bottom line is if the radio is happy, that what matters.
>

> If you study this more you will find that having a 1:1 match may not always good. There is a lot more to this... too much for this post. There are many good books on the subject but a lot of them get very technical and loose many readers fast... I have written on subject but can't find what I want at this moment. I guess it's time to get some of this stuff together and put it up on my website so I don't end up trying to remember and have to type it out .. hi..
>
> 73 - Ken - VE5KC
> - http://amateur-radio.ca
> - http://ham-radio.ca
> ----
>
> --- In LDG-auto-tuners@yahoogroups.com, "Daniel"<daniel.o39connell@...> wrote:
>>
>> I'm using the AT 100 ProII tuner with an ICOM 7600 transceiver. The LDG tuner consistently shows higher SWR readings than the radio's internal SWR meter. Why the difference? And... which should I trust? Thanks, Dan O'Connell/KC2TRX.
>>

4621. AT-11MP

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-02-04 17:59:27 UTC
From: k4mt
Topic: 1557 Message: 4621

I just got my hands on an AT-11MP that was not working properly. It tuned for max rather than min SWR. Found diodes that detect forward and reflected power read the same bot directions with my diode tester. Easy fix and the tuner works fine now. I searched this group but did not find the answer to my question.

Is there a schematic available anywhere for these tuners? I have googled and not found one.

Thanks,

Gary K4MT

4622. RE: [LDG-auto-tuners] AT-11MP

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-02-04 18:51:42 UTC
From: Jan
Topic: 1557 Message: 4622

Gary,

Try LDG Electronics.
http://www.ldgelectronics.com/c/262/discontinued-product-manuals

73

Jan - LA2XSA

From: LDG-auto-tuners@yahoogroups.com
[mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of k4mt
Sent: Friday, February 04, 2011 6:59 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] AT-11MP

I just got my hands on an AT-11MP that was not working properly. It tuned for max rather than min SWR. Found diodes that detect forward and reflected power read the same bot directions with my diode tester. Easy fix and the tuner works fine now. I searched this group but did not find the answer to my question.

Is there a schematic available anywhere for these tuners? I have googled and not found one.

Thanks,

Gary K4MT

[Non-text portions of this message have been removed]

4623. Discontinued AT200PC antenna tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-02-07 15:34:36 UTC
From: howard_z
Topic: 4623 Message: 4623

Hi,

I see the discontinued AT200PC antenna tuners for sale at some websites.

Are these made exactly the same as they were a few years ago?

Or are there any improvements?

Howard

4624. Re: Discontinued AT200PC antenna tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-02-07 16:14:50 UTC
From: Dwayne
Topic: 4623 Message: 4624

Howard,

They are not really discontinued, but rather out of production. We have enough left for a few more years.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "howard_z" <Howard_Z@...> wrote:
>
> Hi,
>
> I see the discontinued AT200PC antenna tuners for sale at some websites.
>
> Are these made exactly the same as they were a few years ago?
>
> Or are there any improvements?
>
>
> Howard
>

4625. LDG Z11 PRO

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-02-07 17:29:51 UTC
From: bsip_9
Topic: 4625 Message: 4625

Hi all,
Can anyone direct me to the results of some "ARRL" type measurements of the insertion loss for this tuner (i.e. different loads and using serious test equipment.I would be grateful for any info'.

Thanks and 73's.
Wes.

4626. Re: LDG Z11 PRO

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-02-08 00:20:55 UTC
From: Dwayne
Topic: 4625 Message: 4626

Wes,

The ARRL did some tests years ago, but much to our opposition, they did not include any "real world" loads. That's fine, because that was that was the only method that they had that would fairly compare units that were advertising with them.

In the real world, the switched L network (like LDG and Ten-Tec) is the most efficient tuner that there is. It only has one tuning solution and it has one third less components (which is less component loss than PI or T tuners).

Since the ARRL has to be "non-negative" to it's advertisers, you will never see a properly done test.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "bsip_9" <wes@...> wrote:
>
> Hi all,
> Can anyone direct me to the results of some "ARRL" type measurements of the insertion loss for this tuner (i.e. different loads and using serious test equipment.I would be grateful for any info'.
>
> Thanks and 73's.
> Wes.
>

4628. Re: [LDG-auto-tuners] LDG Z11 PRO

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-02-11 22:05:45 UTC
From: Steve
Topic: 4625 Message: 4628

Wes,
I scanned the review listing at the ARRL site and didn't see a specific review for the Z-11pro. Typically when these are done, several tuners are compared and power losses measured under various miss matched conditions. As a result, you get a sense of the tuner range and overall efficiency. The review listing is current through 2009 - so stuff published over the last year is not yet on-line, although I don't specifically recall a Z-11 review.
Steve
aa8af

On 2/7/2011 12:29 PM, bsip_9 wrote:
> Hi all,
> Can anyone direct me to the results of some "ARRL" type measurements of the insertion loss for this tuner (i.e. different loads and using serious test equipment.I would be grateful for any info'.
>
> Thanks and 73's.
> Wes.
>

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4629. Re: LDG Z11 PRO

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-02-12 14:34:46 UTC
From: Wes Elton
Topic: 4625 Message: 4629

Hi Steve,
Many thanks for your response. I don't "know" that I have a problem with the tuner but info such as you described might help with a suspicion I have about the poor performance of my G5RV.

Thanks again es 73'
Wes.
EA5/GW3RIH.

[Non-text portions of this message have been removed]

4630. RE: [LDG-auto-tuners] LDG Z11 PRO

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-02-11 22:42:34 UTC
From: Mark Lunday
Topic: 4625 Message: 4630

It's under "Short Takes" in April 2010 QST

Mark Lunday

WD4ELG

From: LDG-auto-tuners@yahoogroups.com
[mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Steve
Sent: Friday, February 11, 2011 5:06 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] LDG Z11 PRO

Wes,
I scanned the review listing at the ARRL site and didn't see a specific review for the Z-11pro. Typically when these are done, several tuners are compared and power losses measured under various miss matched conditions. As a result, you get a sense of the tuner range and overall efficiency. The review listing is current through 2009 - so stuff published over the last year is not yet on-line, although I don't specifically recall a Z-11 review.
Steve
aa8af

On 2/7/2011 12:29 PM, bsip_9 wrote:
> Hi all,
> Can anyone direct me to the results of some "ARRL" type measurements of the insertion loss for this tuner (i.e. different loads and using serious test equipment.I would be grateful for any info'.
>
> Thanks and 73's.
> Wes.
>

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If you received this email in error, please notify the sender immediately and delete this email from your system. We do not guarantee that this email is free from viruses or any other defects although due care has been taken to minimize the risk.

[Non-text portions of this message have been removed]

4631. Re: LDG Z11 PRO

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-02-13 08:50:03 UTC
From: Ken
Topic: 4625 Message: 4631

Just ask Google tp find what your want! Available for download here:

http://files.radioscanner.ru/files/download/file10273/dj-g7t.pdf

73 - Ken - VE5KC
- http://amateur-radio.ca
- http://ham-radio.ca

--- In LDG-auto-tuners@yahoogroups.com, "Mark Lunday" <mlunday@...> wrote:
>
> It's under "Short Takes" in April 2010 QST
>
>
>
> Mark Lunday
>
> WD4ELG
>
>

4632. Re: LDG Z11 PRO

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-02-13 15:18:09 UTC
From: Wes Elton
Topic: 4625 Message: 4632

Hi all,

Thanks again to Mark and Ken and othrers who pointed me at the Short Takes article.

Much obliged.
Wes.
EA5/GW3RIH

[Non-text portions of this message have been removed]

4633. LDG A7000

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-02-14 18:23:34 UTC
From: Art
Topic: 4633 Message: 4633

Anyone have any problems with the LDG 7000 ?
I am thinking of getting one ,and want a "heads up to any problems
that might appear.
Thanks,
Art

4634. Re: [LDG-auto-tuners] LDG A7000

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-02-15 07:37:37 UTC
From: Ian Wade G3NRW
Topic: 4633 Message: 4634

From: Art <ka7gtp@...>
Date: Mon, 14 Feb 2011 Time: 18:23:34

>Anyone have any problems with the LDG 7000 ?
> I am thinking of getting one ,and want a "heads up to any problems
>that might appear.
>Thanks,
>Art
>

<http://www.eham.net/reviews/detail/5922%3Fehamsid%3D75611b6778d7128280e5
42cd080689fa>

--
73
Ian, G3NRW

The TS-590S Resources Page:
http://homepage.ntlworld.com/wadei/ts-590s.htm

4635. AT-11MP Upgrade Chip

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-02-16 08:43:08 UTC
From: k4mt
Topic: 4635 Message: 4635

I just got the upgrade chip for my AT-11MP. All I can say is WOW what a difference. This makes the tuner a pleasure to operate with almost instant tuning due to the memories added by the upgrade. When I change bands all I have to do is say the first word on SSB and the tuner makes one click and I am tuned.

Well worth the money.

4636. Re: AT-11MP Upgrade Chip

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-02-17 04:49:25 UTC
From: Glenn AE0Q
Topic: 4635 Message: 4636

Can you tell us the version of the firmware? Was it marked on the chip?

Glenn

--
"Remember, any tool can be the right tool!" Red Green

AE0Q ex: GM5BKC, ZB2WZ, V31RY, SV0WY, WA0VPK
ae0q@... --SOWP 5558-M, ARRL LM, QCWA LM, OOTC, NCVA--
http://www.radiotipsandtales.com

[Non-text portions of this message have been removed]

4637. Re: AT-11MP Upgrade Chip

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-02-17 17:09:35 UTC
From: k4mt
Topic: 4635 Message: 4637

The chip was version 1.6.

--- In LDG-auto-tuners@yahoogroups.com, "k4mt" <k4mt@...> wrote:
>
> I just got the upgrade chip for my AT-11MP. All I can say is WOW what a difference. This makes the tuner a pleasure to operate with almost instant tuning due to the memories added by the upgrade. When I change bands all I have to do is say the first word on SSB and the tuner makes one click and I am tuned.
>
> Well worth the money.
>

4638. wanted : LDG DTS-4

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-02-18 06:42:51 UTC
From: Art
Topic: 4638 Message: 4638

I don't know if this is peermissible or not here.....but
I am looking for an LDG DTS-4 antenna switch to change from one radio to another on the same antenna system , and would like it to be in the lower 48 .
Thanks for looking.
73,
Art
ka7gtp@...

4639. AT-11MP & FT-857D

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-02-19 09:34:12 UTC
From: steen_5p0o
Topic: 4639 Message: 4639

HI

AT-11MP that would like to use with my FT-857D.
AT-11MP has a output marked "706". Can I make at interface so that
the tuner will set my FT-857d in TX mode?

Vy 73 de
5p0o, Steen

4640. Gas Discharge Tube in the SP-200 User Replaceable?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-02-19 17:11:46 UTC
From: doc@kd4e.com
Topic: 4640 Message: 4640

Is the gas discharge tube in the SP-200 user replaceable?

What is the difference between the SP-200 and the models
offered by Polyphaser and others, please?

--

Thanks! & 73, KD4E
David Colburn http://kd4e.com
SE-GA Tailgate - April 9th, 2011
Have an http://ultrafidian.com day
I don't google I SEARCH! http://ixquick.com
Shop Freedom-Friendly http://kd4e.com/of.html

4641. Re: [LDG-auto-tuners] AT-11MP & FT-857D

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-02-19 17:31:07 UTC
From: Jim Lynch
Topic: 4639 Message: 4641

steen_5p0o wrote:
> HI
>
> AT-11MP that would like to use with my FT-857D.
> AT-11MP has a output marked "706". Can I make at interface so that
> the tuner will set my FT-857d in TX mode?
>
> Vy 73 de
> 5p0o, Steen
>
>
>
>
>
What you need is the Y-OTT which has been discontinued. See near the bottom of this web page:
http://www.universal-radio.com/catalog/hamtune/2050.html.
<http://www.universal-radio.com/catalog/hamtune/2050.html>
You may be able to find a used one on Ebay, but I think there is some intelligence in that device that you might not be able to duplicate.
Search the LDG site for discontinued manuals/schematics.

I have one and love it. AT-11MP, Y-OTT and 857D.

Jim.

4642. Re: [LDG-auto-tuners] LDG A7000

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-02-21 21:21:33 UTC
From: eugene notrom
Topic: 4633 Message: 4642

I have been using mine since 2005 and have virtually no problems with it. I highly suggest it or any of the other LDG tuners.

73
stephen ad7ab

From: Ian Wade G3NRW <g3nrw@...>
To: LDG-auto-tuners@yahoogroups.com
Sent: Mon, February 14, 2011 11:37:37 PM
Subject: Re: [LDG-auto-tuners] LDG A7000

From: Art <ka7gtp@yahoo.com>
Date: Mon, 14 Feb 2011 Time: 18:23:34

>Anyone have any problems with the LDG 7000 ?
> I am thinking of getting one ,and want a "heads up to any problems
>that might appear.
>Thanks,
>Art
>

<http://www.eham.net/reviews/detail/5922%3Fehamsid%3D75611b6778d7128280e5
42cd080689fa>

--
73
Ian, G3NRW

The TS-590S Resources Page:
http://homepage.ntlworld.com/wadei/ts-590s.htm

[Non-text portions of this message have been removed]

4643. at 7000 no tune six meters

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-02-24 02:40:45 UTC
From: Art
Topic: 4643 Message: 4643

I hooked up my IC706 { original } to the LDG at-7000 and my antenna coax,and the at-7000 will tune 75 to 10 meters as described in th manual. I connected a pair of six meters { 58" } wires to the same antenna system and nothing happens. what am I doing wrong ?
The at-7000 circuit board says "version 1.1" but no designation for version on any of the plug-in moduals.
thanks,
Art

4644. Re: Gas Discharge Tube in the SP-200 User Replaceable?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-02-24 20:53:28 UTC
From: Dwayne
Topic: 4640 Message: 4644

Hello David,

The GDT will be available from www.cheapham.com. There are a half dozen different types of lightning protection. This one is a tube filled with gas that arcs to ground when the voltage goes over a specified amount.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "doc@..." <doc@...> wrote:
>
> Is the gas discharge tube in the SP-200 user replaceable?
>
> What is the difference between the SP-200 and the models
> offered by Polyphaser and others, please?
>
> --
>
> Thanks! & 73, KD4E
> David Colburn http://kd4e.com
> SE-GA Tailgate - April 9th, 2011
> Have an http://ultrafidian.com day
> I don't google I SEARCH! http://ixquick.com
> Shop Freedom-Friendly http://kd4e.com/of.html
>

4645. Re: at 7000 no tune six meters

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-02-24 20:55:04 UTC
From: Dwayne
Topic: 4643 Message: 4645

Art,

Icom has the firmware in the radio programmed not to send a tune command when on 6M. There is no way around it that we know of. The MKII and MKIIG models will send a tune command on 6M.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "Art" <ka7gtp@...> wrote:
>
> I hooked up my IC706 { original } to the LDG at-7000 and my antenna coax,and the at-7000 will tune 75 to 10 meters as described in th manual. I connected a pair of six meters { 58" } wires to the same antenna system and nothing happens. what am I doing wrong ?
> The at-7000 circuit board says "version 1.1" but no designation for version on any of the plug-in moduals.
> thanks,
> Art
>

4646. LDG AT-100 Pro Help

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-02-24 21:58:37 UTC
From: ranges_2001
Topic: 4646 Message: 4646

Hello

Any help greatly appreciated. I purchased a 100-pro that had been removed from the case and was going to be in an amp for the input. I am mounting it back in the case and need to know where the two antenna connections mount back onto the PC. I cannot fine a schematic or a photo on line to work from.

Thanks for anyone who might be able to help.

Randy/n4jzy

4647. Re: Gas Discharge Tube in the SP-200 User Replaceable?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-02-25 13:25:37 UTC
From: doc@kd4e.com
Topic: 4640 Message: 4647

Thank you Dwayne!

Good to know that the product may be sustained over time, barring
a near-strike from lightning which would destroy the housing.

Hello David,

The GDT will be available from www.cheapham.
com. There are a half dozen different types of lightning protection.
This one is a tube filled with gas that arcs to ground when the voltage
goes over a specified amount.

Dwayne Kincaid
LDG

> Is the gas discharge tube in the SP-200 user replaceable?
>
> What is the difference between the SP-200 and the models offered by
> Polyphaser and others, please?

--

David Colburn, Nevils, Georgia, USA
Have an http://ultrafidian.com day
Defend free speech or lose your freedom.
I don't google I SEARCH! http://ixquick.com

--

Thanks!& 73, KD4E
David Colburn http://kd4e.com
SE-GA Tailgate - April 9th, 2011
Have an http://ultrafidian.com day
I don't google I SEARCH! http://ixquick.com
Shop Freedom-Friendly http://kd4e.com/of.html

4648. LDG AT 7000

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-02-25 14:42:45 UTC
From: Art
Topic: 4648 Message: 4648

Can a "manual tune" button be added to the AT 7000 to tune on six meters with my IC 706 { original },or do I have to get a different tuner ?

4649. LDG Z100 and Icom7000

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-02-25 23:20:08 UTC
From: rappleby35
Topic: 4649 Message: 4649

Recently purchased a IC7000 to replace an IC718.
Can I assume the the cables supplied with the Z100 for the IC718 are suitable for the IC7000?
I assume that the connection to a Z100 will not compromise the temperature monitoring circuit of the IC7000 as can happen with other auto-tuners?

4650. IC7000 and Z100

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-02-25 19:04:39 UTC
From: rappleby35
Topic: 4650 Message: 4650

I have recently had my IC7k replaced under warranty because it went up in smoke. Using the new
unit on CW full power with a LDG Z100 the temp display goes into the red. Being concerned I 'Googled' the issue and found that with some auto-tuners the IC7000 temperature circuit is compromised and over temperature readings are possible with a disastrous result.
Can anyone confirm that the Z100 is ok to use with the IC7000?

4651. Re: LDG Z100 and Icom7000

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-02-26 02:43:07 UTC
From: Dwayne
Topic: 4649 Message: 4651

The IC-PAC cable will work with any Icom radio that is AH-3 or AH-4 compatible.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "rappleby35" <zl4afm@...> wrote:
>
> Recently purchased a IC7000 to replace an IC718.
> Can I assume the the cables supplied with the Z100 for the IC718 are suitable for the IC7000?
> I assume that the connection to a Z100 will not compromise the temperature monitoring circuit of the IC7000 as can happen with other auto-tuners?
>

4653. Re: [LDG-auto-tuners] IC7000 and Z100

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-02-26 05:52:31 UTC
From: Jack
Topic: 4650 Message: 4653

rappleby35 wrote:
> I have recently had my IC7k replaced under warranty because it went up in smoke. Using the new unit on CW full power with a LDG Z100 the temp display goes into the red. Being concerned I 'Googled' the issue and found that with some auto-tuners the IC7000 temperature circuit is compromised and over temperature readings are possible with a disastrous result.
> Can anyone confirm that the Z100 is ok to use with the IC7000?

Haven't you just proved that it is not OK--twice?

Jack

4654. IT-100 vs Z-100 ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-02-26 17:51:24 UTC
From: Art
Topic: 4654 Message: 4654

I decided to sell my AT-7000 tuner because it would not tune on six meters useing my IC-706 { original } .
My question :
other than the Z-100 operates from batteries and the IT-100 does not,will it tune six meters with my IC 706 ?
The IC 706 {original } does not transmit a tuning tone on six meters,thus this question.
Thanks,
Art
ka7gtp@...

4655. Re: IT-100 vs Z-100 ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-02-26 20:30:46 UTC
From: Dwayne
Topic: 4654 Message: 4655

Art, with either the IT-100 or Z-100, you can key the radio in AM mode and push the tune button on the tuner for 6M tuning for the older 706.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "Art" <ka7gtp@...> wrote:
>
> I decided to sell my AT-7000 tuner because it would not tune on six meters useing my IC-706 { original } .
> My question :
> other than the Z-100 operates from batteries and the IT-100 does not,will it tune six meters with my IC 706 ?
> The IC 706 {original } does not transmit a tuning tone on six meters,thus this question.
Thanks,
> Art
> ka7gtp@...
>

4656. intro new member

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-02-28 15:00:53 UTC
From: Marc
Topic: 4656 Message: 4656

Good day to everyone ,

I am ON4EZ, marc, formerly ON3EZ - QTH temse JO21BD - and currently testing a recently built G59 SDR radio, for which I acquired an LDG Z100 PLUS - now I would like to interface it with my G59, so that I do not have to manually push the button each time. I' ll browse thru the messages and files and see if I can come up with something - if not I hope I can count on you guys !?

vy73
marc
ON4EZ

4657. Re: IC7000 and Z100

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-03-05 02:31:32 UTC
From: JRBoyg
Topic: 4650 Message: 4657

Jack,

He may have proved it twice or maybe not. If you believe everything you read on the internet, then yes, that's the first proof. He really didn't say what he read and if it applies to LDG tuners or not.

The second one may or may not be related to the tuner. If you even partially cover the fan or the exhaust, the radio will get hot. If you key for three minutes with high duty cycle, the radio will get hot.

So cutting to the chase scene, we've never heard of anyone having issues with overheating of the IC-7000 due to an LDG tuner. So it seems unlikely that ZL4AFM is having any issues due to the tuner either.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, Jack <303kk@...> wrote:
>
> rappleby35 wrote:
> > I have recently had my IC7k replaced under warranty because it went up in smoke. Using the new unit on CW full power with a LDG Z100 the temp display goes into the red. Being concerned I 'Googled' the issue and found that with some auto-tuners the IC7000 temperature circuit is compromised and over temperature readings are possible with a disastrous result.
> > Can anyone confirm that the Z100 is ok to use with the IC7000?
>
> Haven't you just proved that it is not OK--twice?
>
>
> Jack
>

4658. Re: [LDG-auto-tuners] Re: IC7000 and Z100

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-03-05 04:11:44 UTC
From: Jack
Topic: 4650 Message: 4658

JRBoyg/Dwayne,

Thanks for the additional insight.

Jack
W9ATP

JRBoyg wrote:
> Jack,
>
> He may have proved it twice or maybe not. If you believe everything you read on the internet, then yes, that's the first proof. He really didn't say what he read and if it applies to LDG tuners or not.
>
> The second one may or may not be related to the tuner. If you even partially cover the fan or the exhaust, the radio will get hot. If you key for three minutes with high duty cycle, the radio will get hot.
>
> So cutting to the chase scene, we've never heard of anyone having issues with overheating of the IC-7000 due to an LDG tuner. So it seems unlikely that ZL4AFM is having any issues due to the tuner either.
>
> Dwayne Kincaid
> LDG
>
>
> --- In LDG-auto-tuners@yahoogroups.com, Jack <303kk@...> wrote:
>
>> rappleby35 wrote:
>>
>>> I have recently had my IC7k replaced under warranty because it went up in smoke. Using the new unit on CW full power with a LDG Z100 the temp display goes into the red. Being concerned I 'Googled' the issue and found that with some auto-tuners the IC7000 temperature circuit is compromised and over temperature readings are possible with a disastrous result.
>>> Can anyone confirm that the Z100 is ok to use with the IC7000?
>>>
>> Haven't you just proved that it is not OK--twice?
>>
>>
>> Jack
>>

4659. LDG antenna switch ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-03-05 16:16:52 UTC
From: Art
Topic: 4659 Message: 4659

Does anyone know if LDG plans to bring back the four possition antenna switch ?
I have tryed HRO and AES and a couple other suppliers with the same response ," no longer availible from LDG ".
I would like to have one,but no one seems to let one go .
I'm hopeing LDG brings them back.
Art

4660. Re: IC7000 and Z100

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-03-05 16:03:24 UTC
From: Joe
Topic: 4650 Message: 4660

i use an ldg z100 tuner on my 7k and i have not had an overheating problem maybe im lucky but also i do use an extra fan on top of the radio even b4 i got the tuner just to be safe.

--- In LDG-auto-tuners@yahoogroups.com, "rappleby35" <zl4afm@...> wrote:
>
> I have recently had my IC7k replaced under warranty because it went up in smoke. Using the new
> unit on CW full power with a LDG Z100 the temp display goes into the red. Being concerned I 'Googled' the issue and found that with some auto-tuners the IC7000 temperature circuit is compromised and over temperature readings are possible with a disastrous result.
> Can anyone confirm that the Z100 is ok to use with the IC7000?
>

4661. Re: LDG antenna switch ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-03-06 17:45:38 UTC
From: Dwayne
Topic: 4659 Message: 4661

Sorry Art,

We have no plans to bring back the antenna switch at this time.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "Art" <ka7gtp@...> wrote:
>
> Does anyone know if LDG plans to bring back the four possition antenna switch ?
> I have tryed HRO and AES and a couple other suppliers with the same response ," no longer availible from LDG ".
> I would like to have one,but no one seems to let one go .
> I'm hopeing LDG brings them back.
> Art
>

4662. Re: LDG antenna switch ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-03-06 18:29:28 UTC
From: kb0naz
Topic: 4659 Message: 4662

me too..a 4 pos and a 3 pos would be nice
Scott KB0NAZ

--- In LDG-auto-tuners@yahoogroups.com, "Art" <ka7gtp@...> wrote:
>
> Does anyone know if LDG plans to bring back the four possition antenna switch ?
> I have tryed HRO and AES and a couple other suppliers with the same response ," no longer availible from LDG ".
> I would like to have one,but no one seems to let one go .
> I'm hopeing LDG brings them back.
> Art
>

4663. Re: LDG antenna switch ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-03-06 23:55:38 UTC
From: Howard Z
Topic: 4659 Message: 4663

Art,

Don Kessler is designing a new computer controlled Antenna Switch. I do not think it is for sale yet, and from the looks of it I bet it will be more expensive than the LDG DTS-4/DTS-6 models.

There are so few computer controllable coax switches available.

I find LDG's DTS-6 to be very reliable.

Howard

--- In LDG-auto-tuners@yahoogroups.com, "Art" <ka7gtp@...> wrote:
>
> Does anyone know if LDG plans to bring back the four possition antenna switch ?
> I have tryed HRO and AES and a couple other suppliers with the same response ," no longer availible from LDG ".
> I would like to have one,but no one seems to let one go .
> I'm hopeing LDG brings them back.
> Art
>

4664. membership

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-03-07 12:53:56 UTC
From: Kevin Greig
Topic: 4664 Message: 4664

LDG group

[Non-text portions of this message have been removed]

4665. DTS-6R question

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-03-07 18:51:39 UTC
From: K5LAD@arrl.net
Topic: 4665 Message: 4665

Dwayne --
I'm on my second DTS-6R and this one failed again during the ARRL SSB contest this weekend. I do have the DTS-6R remote also.
Suddenly during the contest, the switch stopped working --- it would not switch but stayed on position 6. Whether I used the remote or the actual unit, when I pressed any button, all 6 LEDs blinked twice, on for about a second each blink. I tried several things:
1. Unplugged remote and just used the unit - same blinks
2. Powered off the unit for several hours and replugged - same blinks
3. Tried the remote with my first DTS-6R which has different problem but still worked with the remote -- Switch one changed properly, either stand-alone or with remote.

Something has locked up the system in Switch two but I can't seem to unlock it. Is there a special command I can do with the buttons to unlock this condition? Since the schematic is not available, do you have a troubleshooting sheet available for we "troubled and shot" customers?

Thanks for your help and 73,
Jim - K5LAD

LDG antenna switch ?
Posted by: "Dwayne" ldgyahoo@...
ldgelectronics
Date: Sun Mar 6, 2011 9:45 am ((PST))

Sorry Art,

We have no plans to bring back the antenna switch at this time.

Dwayne Kincaid
LDG

==========
Life is like a football ---
It ain't round ... It'll bounce funny on ya.

http://www.hayseed.net/~jpk5lad/

4666. AT1000 pro finding version

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-03-08 04:48:50 UTC
From: kgreig@verizon.net
Topic: 4666 Message: 4666

Just got my AT1000. I wanted to find out what version the software was. The problem is when I first plugged it in, the on/off switch was on so it immediately cycled and was read to work. I have tried turning the tuner off and then holding down the on/off button to get the version to show. This did not work. Do I have to totally remove the power for several minutes and then turn it on to get it to show the version number.. If so, how long does the tuner have to be unplugged. Thanks..
Kevin

4667. Re: [LDG-auto-tuners] AT1000 pro finding version

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-03-08 13:15:23 UTC
From: Jimmy (WB8NBI)
Topic: 4666 Message: 4667

To check the version on the AT-1000Pro you need to remove the top and see it on top of the chip it will have the version number on it.
73 Jimmy (WB8NBI)

From: kgreig@...
Sent: Monday, March 07, 2011 11:48 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] AT1000 pro finding version

Just got my AT1000. I wanted to find out what version the software was. The problem is when I first plugged it in, the on/off switch was on so it immediately cycled and was read to work. I have tried turning the tuner off and then holding down the on/off button to get the version to show. This did not work. Do I have to totally remove the power for several minutes and then turn it on to get it to show the version number.. If so, how long does the tuner have to be unplugged. Thanks..
Kevin

[Non-text portions of this message have been removed]

4668. hi all i am new to the group

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-03-09 09:04:51 UTC
From: vk2loz
Topic: 4668 Message: 4668

my call is vk2loz and my name is robert , i have a z-100 and a z-100 plus i run the plus mobile with my ft-857d and my z100 with my ic-718 i think they are great i have tried many antenna tuners the worst being the scg mac-200 any how 73`s for now
rob vk2loz

4669. LDG Z11 Pro II - Couple of questions

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-03-10 22:33:16 UTC
From: the_shamen
Topic: 4669 Message: 4669

Hello Group,

I have the Z11 Pro II, and have a couple of questions,
did try a search first?

1. Can the radio interface socket be used with a Kenwood TS-590?
or can I only use the Auto option?

2. Anybody looked at making it a remote tuner?
Re-boxing and remoting the front panel.
(Maybe this is just a dream!!)

Thanks & Regards
David - G8LIY

4670. Re: [LDG-auto-tuners] LDG Z11 Pro II - Couple of questions

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-03-11 00:52:29 UTC
From: Jimmy (WB8NBI)
Topic: 4669 Message: 4670

I think you might want to try the tuner in the 590 as it seems to a greater range than most internal tuners, you could use the radio interface if you can find a LDG K-OTT Kenwood interface. I used one with my AT-1000Pro tuner but found I like the auto tune better.

73 Jimmy (WB8NBI)

From: the_shamen
Sent: Thursday, March 10, 2011 5:33 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] LDG Z11 Pro II - Couple of questions

Hello Group,

I have the Z11 Pro II, and have a couple of questions,
did try a search first?

1. Can the radio interface socket be used with a Kenwood TS-590?
or can I only use the Auto option?

2. Anybody looked at making it a remote tuner?
Re-boxing and remoting the front panel.
(Maybe this is just a dream!!)

Thanks & Regards
David - G8LIY

[Non-text portions of this message have been removed]

4671. Re: LDG Z11 Pro II - Couple of questions

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-03-11 17:30:36 UTC
From: kb0naz
Topic: 4669 Message: 4671

--- In LDG-auto-tuners@yahoogroups.com, "the_shamen" <xwebsubs@...> wrote:
>
> Hello Group,
>
> I have the Z11 Pro II, and have a couple of questions,
> did try a search first?
>
> 1. Can the radio interface socket be used with a Kenwood TS-590?
> or can I only use the Auto option?
>
> 2. Anybody looked at making it a remote tuner?
> Re-boxing and remoting the front panel.
> (Maybe this is just a dream!!)
>
>
> Thanks & Regards
> David - G8LIY
>

yep..I have a 590 and the tuner in the radio tunes "almost" anything that my Z11Pro will.(the tuner in my 590 won't tune my S9 43 vert on 75/80m,but the Z11Pro does)It even tells you in the 590 manual it will/should tune a 10:1
And yes,I have remoted a Z11Pro in a waterproof box along with a
bias-t to power it

Scott KB0NAZ

4672. Re: LDG Z11 Pro II - Couple of questions

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-03-12 10:03:31 UTC
From: Ken
Topic: 4669 Message: 4672

Hi David

>>> 1. Can the radio interface socket be used with a Kenwood TS-590?

No.. it will not work with the Kenwood tuner interface...
If it did I would be using mine that way.. :(

See previous discussion on this topic where I asked this question.

http://groups.yahoo.com/group/LDG-auto-tuners/message/4479

The only current LDG tuner that will support the TS-590S is the KT-100
which only supports Kenwood rigs with the AT-300 tuner (tuner interface)
connector.
http://www.ldgelectronics.com/c/252/products/1/42/1

You can still use the Z11 Pro (II) without the interface cable as it
will tune when RF is applied.

>>> 2. Anybody looked at making it a remote tuner?

I have not tried it but have read about others who have had great
success using a Z11 Pro (II)as a remote tuner. This works as the tuner
works without the need of a control cable.

73 - Ken - VE5KC
- http://amateur-radio.ca
- http://ham-radio.ca

[Non-text portions of this message have been removed]

4673. Re: LDG Z11 Pro II - Couple of questions

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-03-12 16:37:20 UTC
From: at91r40008
Topic: 4669 Message: 4673

Hi David.

I am using the Z11 PRO as a remote tuner at the base of my small tower with a FT450. And have used it with different radios as they come and go without any problem. Never failed and when the batteries get low it just stop tuning so I know it is time to open the box and replace them. No erratic behavior. Works better than the several times more expensive SGC I used to have.

73, Yvon NU6I

--- In LDG-auto-tuners@yahoogroups.com, "Ken" <ve5kc@...> wrote:
>
>
> Hi David
>
> >>> 1. Can the radio interface socket be used with a Kenwood TS-590?
>
> No.. it will not work with the Kenwood tuner interface...
> If it did I would be using mine that way.. :(
>
> See previous discussion on this topic where I asked this question.
>
> http://groups.yahoo.com/group/LDG-auto-tuners/message/4479
>
> The only current LDG tuner that will support the TS-590S is the KT-100
> which only supports Kenwood rigs with the AT-300 tuner (tuner interface)
> connector.
> http://www.ldgelectronics.com/c/252/products/1/42/1
>
> You can still use the Z11 Pro (II) without the interface cable as it
> will tune when RF is applied.
>
> >>> 2. Anybody looked at making it a remote tuner?
>
> I have not tried it but have read about others who have had great
> success using a Z11 Pro (II)as a remote tuner. This works as the tuner
> works without the need of a control cable.
>
> 73 - Ken - VE5KC
> - http://amateur-radio.ca
> - http://ham-radio.ca
> ----
>
>
>
>

> [Non-text portions of this message have been removed]
>

4674. LDG Acquires S9Antennas

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-03-13 01:50:36 UTC
From: Dwayne
Topic: 4674 Message: 4674

Breaking News! LDG has acquired S9 Antennas. S9 is one of the fastest growing antenna companies in the US and has been acquired by LDG Electronics. We are working toward select dealers to have stock in the next week or two. More details coming soon.

Dwayne Kincaid
LDG

4675. [AT-100 Pro II] Is there a Reset method

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-03-13 15:15:30 UTC
From: g0nup
Topic: 4675 Message: 4675

Hi all
New to the group. tried to do a search, but not found a direct answer. Looked in the manual same there...

Is there a method to do a factory reset of the LDG AT-100 Pro II?

If so how?

73 de Kevin
G0NUP

4676. LDG AT1000pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-03-13 22:09:33 UTC
From: wbcroke
Topic: 4676 Message: 4676

I have a brand new AT1000pro (one week) which does not hold memory on 17-15-12 or 10 meters even after it finds its match. Each time I touch the key or speak into the mike anywhere on those bands it goes back into a full tuning cycle.

The AT1000pro works as advertized on 40-30 and 20 meters; once it tunes anywhere on those bands I can return and click, it has the proper match.

The antenna is a 40-10 OCF Carolina Windom dipole that my previus tuner, an LDG200Pro, handled without difficulty. I realize this antenna presents complex matches on certain frequenciies, but as noted the 200Pro had no difficulty tuning it from one end to the other; once it found a match the first time a touch of the paddle was all that was required

I 'upgraded' to the AT1000pro because I've purchased an AL-80B linear and needed a KW-capable tuner. The 'exciter' is an Icom 756 ProIII. However, I have not used the linear with the AT1000pro and will not until this problem is taken care of.

Any thoughts and suggestions would be greatly appreciated. Thank you.

Warren, NW4C

4677. Re: LDG Acquires S9Antennas

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-03-14 00:07:51 UTC
From: kb0naz
Topic: 4674 Message: 4677

seriously ???
Now you have no choice but to come out with a wide range,weather proof/resistant remote tuner to use at the base of the S9,right ???

goody goody...an affordable remote weather proof tuner to place at the base of my just aquired S9 43 vertical !!!

Scott KB0NAZ

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
> Breaking News! LDG has acquired S9 Antennas. S9 is one of the fastest growing antenna companies in the US and has been acquired by LDG Electronics. We are working toward select dealers to have stock in the next week or two. More details coming soon.
>
> Dwayne Kincaid
> LDG
>

4678. FW: [LDG-auto-tuners] LDG AT1000pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-03-14 13:57:50 UTC
From: John Deithloff
Topic: 4678 Message: 4678

Hi Dwayne,
Any comments? I too have a AT-1000Pro Autotuner! I received a new chip last year.
John, de W5FFS

From: LDG-auto-tuners@yahoogroups.com
[mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of wbcroke
Sent: Sunday, March 13, 2011 5:10 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] LDG AT1000pro

I have a brand new AT1000pro (one week) which does not hold memory on 17-15-12 or 10 meters even after it finds its match. Each time I touch the key or speak into the mike anywhere on those bands it goes back into a full tuning cycle.

The AT1000pro works as advertized on 40-30 and 20 meters; once it tunes anywhere on those bands I can return and click, it has the proper match.

The antenna is a 40-10 OCF Carolina Windom dipole that my previus tuner, an LDG200Pro, handled without difficulty. I realize this antenna presents complex matches on certain frequenciies, but as noted the 200Pro had no difficulty tuning it from one end to the other; once it found a match the first time a touch of the paddle was all that was required

I 'upgraded' to the AT1000pro because I've purchased an AL-80B linear and needed a KW-capable tuner. The 'exciter' is an Icom 756 ProIII. However, I have not used the linear with the AT1000pro and will not until this problem is taken care of.

Any thoughts and suggestions would be greatly appreciated. Thank you.

Warren, NW4C

[Non-text portions of this message have been removed]

4679. Re: [LDG-auto-tuners] LDG Acquires S9Antennas

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-03-15 03:51:30 UTC
From: SATYAN VU3MES
Topic: 4674 Message: 4679

hi

great news, nice to see two companies with outstanding products line merging for the good of hams. in fact i am in the process of buying an s9vertical soon.

73s de VU3MES
chennai - india - qth location website.
http://www.findu.com/cgi-bin/find.cgi?call=vu3mes
http://www.qrz.com/callsign/vu3mes
http://www.satyansarath.param.mobi [mobile web page]

----- Original message -----
From: "Dwayne□" <ldgyahoo@...>
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] LDG Acquires S9Antennas
Date: Sun, 13 Mar 2011 01:50:36 -0000

?

Breaking News! LDG has acquired S9 Antennas. S9 is one of the fastest growing antenna companies in the US and has been acquired by LDG Electronics. We are working toward select dealers to have stock in the next week or two. More details coming soon.

Dwayne Kincaid
LDG

Ovi Mail: Making email access easy
http://mail.ovi.com

[Non-text portions of this message have been removed]

4680. Re: [LDG-auto-tuners] LDG Acquires S9Antennas

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-03-15 12:19:54 UTC
From: Louis Ciotti
Topic: 4674 Message: 4680

Well I see the S9 domain now redirects to the LDG website... How soon before the antenna information gets populated? Right now it looks like just the shell for the information in there, with no product information, or pricing.

On Mon, Mar 14, 2011 at 11:51 PM, SATYAN VU3MES <satyansarath40@...>wrote:

>
>
> hi
>
> great news, nice to see two companies with outstanding products line
> merging for the good of hams. in fact i am in the process of buying an
> s9vertical soon.
>
> 73s de VU3MES
> chennai - india - qth location website.
> http://www.findu.com/cgi-bin/find.cgi?call=vu3mes
> http://www.qrz.com/callsign/vu3mes
> http://www.satyansarath.param.mobi [mobile web page]
>
> ----- Original message -----
> From: "Dwayne☐" <ldgyahoo@...>
> To: LDG-auto-tuners@yahoogroups.com
> Subject: [LDG-auto-tuners] LDG Acquires S9Antennas
> Date: Sun, 13 Mar 2011 01:50:36 -0000
>
>
>
> Breaking News! LDG has acquired S9 Antennas. S9 is one of the fastest
> growing antenna companies in the US and has been acquired by LDG
> Electronics. We are working toward select dealers to have stock in the
> next week or two. More details coming soon.
>
> Dwayne Kincaid
> LDG
>
> ---
> Ovi Mail: Making email access easy
> http://mail.ovi.com
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

4681. Re: LDG AT1000pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-03-15 12:43:08 UTC
From: Murf
Topic: 4676 Message: 4681

I thing you are getting RF into the tuner. Try with lower power, 10 watts.

--- In LDG-auto-tuners@yahoogroups.com, "wbcroke" <warren.croke@...> wrote:
>
> I have a brand new AT1000pro (one week) which does not hold memory on 17-15-12 or 10 meters even after it finds its match. Each time I touch the key or speak into the mike anywhere on those bands it goes back into a full tuning cycle.
>
> The AT1000pro works as advertized on 40-30 and 20 meters; once it tunes anywhere on those bands I can return and click, it has the proper match.
>
> The antenna is a 40-10 OCF Carolina Windom dipole that my previus tuner, an LDG200Pro, handled without difficulty. I realize this antenna presents complex matches on certain frequenciies, but as noted the 200Pro had no difficulty tuning it from one end to the other; once it found a match the first time a touch of the paddle was all that was required
>
> I 'upgraded' to the AT1000pro because I've purchased an AL-80B linear and needed a KW-capable tuner. The 'exciter' is an Icom 756 ProIII. However, I have not used the linear with the AT1000pro and will not until this problem is taken care of.
>
> Any thoughts and suggestions would be greatly appreciated. Thank you.
>
> Warren, NW4C
>

4682. KT-100 with TS-590S

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-03-15 15:37:17 UTC
From: Ken
Topic: 4682 Message: 4682

A discussion on the TS-590S Yahoo group says the MFJ auto tuners do not work with the interface cable. Something about the AT-300 interface not being programed in the firmware.

Has anyone tried a KT-100 tuner with the TS-590S? Is this only a problem with MFJ or is it with the LDG tuner as well?

73 - Ken - VE5KC
- http://amateur-radio.ca
- http://ham-radio.ca

4683. Re: LDG Acquires S9Antennas

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-03-14 18:51:57 UTC
From: n2lrb@n2lrb.com
Topic: 4674 Message: 4683

Congratulations to LDG on the purchase of S9 Antennas! Amazingly I just received my S9 antenna this past Saturday. I wish you well with this endeavor.

Jose B. Rivera
73 from N2LRB

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
> Breaking News! LDG has acquired S9 Antennas. S9 is one of the fastest growing antenna companies in the US and has been acquired by LDG Electronics. We are working toward select dealers to have stock in the next week or two. More details coming soon.
>
> Dwayne Kincaid
> LDG
>

4684. Re: LDG AT1000pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-03-15 11:06:50 UTC
From: Joe
Topic: 4676 Message: 4684

Some radios have a setring on them to start tunning as soon as you key the radio my 7k does this if I set it to do that...what kind of radio is it on?

--- In LDG-auto-tuners@yahoogroups.com, "wbcroke" <warren.croke@...> wrote:
>
> I have a brand new AT1000pro (one week) which does not hold memory on 17-15-12 or 10 meters even after it finds its match. Each time I touch the key or speak into the mike anywhere on those bands it goes back into a full tuning cycle.
>
> The AT1000pro works as advertized on 40-30 and 20 meters; once it tunes anywhere on those bands I can return and click, it has the proper match.
>
> The antenna is a 40-10 OCF Carolina Windom dipole that my previus tuner, an LDG200Pro, handled without difficulty. I realize this antenna presents complex matches on certain frequenciies, but as noted the 200Pro had no difficulty tuning it from one end to the other; once it found a match the first time a touch of the paddle was all that was required
>
> I 'upgraded' to the AT1000pro because I've purchased an AL-80B linear and needed a KW-capable tuner. The 'exciter' is an Icom 756 ProIII. However, I have not used the linear with the AT1000pro and will not until this problem is taken care of.
>
> Any thoughts and suggestions would be greatly appreciated. Thank you.
>
> Warren, NW4C
>

4685. Re: LDG AT1000pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-03-15 13:47:18 UTC
From: Joe
Topic: 4676 Message: 4685

What radio are you using ? Sounds like you may have a setting in the radio to start auto tuning as soon as you key the radio, my ic7k has that feature.

--- In LDG-auto-tuners@yahoogroups.com, "wbcroke" <warren.croke@...> wrote:
>
> I have a brand new AT1000pro (one week) which does not hold memory on 17-15-12 or 10 meters even after it finds its match. Each time I touch the key or speak into the mike anywhere on those bands it goes back into a full tuning cycle.
>
> The AT1000pro works as advertized on 40-30 and 20 meters; once it tunes anywhere on those bands I can return and click, it has the proper match.
>
> The antenna is a 40-10 OCF Carolina Windom dipole that my previus tuner, an LDG200Pro, handled without difficulty. I realize this antenna presents complex matches on certain frequenciies, but as noted the 200Pro had no difficulty tuning it from one end to the other; once it found a match the first time a touch of the paddle was all that was required
>
> I 'upgraded' to the AT1000pro because I've purchased an AL-80B linear and needed a KW-capable tuner. The 'exciter' is an Icom 756 ProIII. However, I have not used the linear with the AT1000pro and will not until this problem is taken care of.
>
> Any thoughts and suggestions would be greatly appreciated. Thank you.
>
> Warren, NW4C
>

4686. Re: [LDG-auto-tuners] Re: LDG AT1000pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-03-15 17:45:58 UTC
From: Louis Ciotti
Topic: 4676 Message: 4686

Sounds plausable, but I do not think radios with this setting will cause a tune to occure it the tuner sees a match. Sounds (at least to me) that he picks a frequency, runs a tune cycle, an then when ever he keys up, it will try and run through a retune, even though it should already be tuned. Sounds symptomatic of RF getting into the tuner.

On Tue, Mar 15, 2011 at 9:47 AM, Joe <speeddbuggy@...> wrote:

>
>
> What radio are you using ? Sounds like you may have a setting in the radio
> to start auto tuning as soon as you key the radio, my ic7k has that feature.
>
>
> --- In LDG-auto-tuners@yahoogroups.com, "wbcroke" <warren.croke@...>
> wrote:
> >
> > I have a brand new AT1000pro (one week) which does not hold memory on
> 17-15-12 or 10 meters even after it finds its match. Each time I touch the
> key or speak into the mike anywhere on those bands it goes back into a full
> tuning cycle.
> >
> > The AT1000pro works as advertized on 40-30 and 20 meters; once it tunes
> anywhere on those bands I can return and click, it has the proper match.
> >
> > The antenna is a 40-10 OCF Carolina Windom dipole that my previus tuner,
> an LDG200Pro, handled without difficulty. I realize this antenna presents
> complex matches on certain frequenciies, but as noted the 200Pro had no
> difficulty tuning it from one end to the other; once it found a match the
> first time a touch of the paddle was all that was required
> >
> > I 'upgraded' to the AT1000pro because I've purchased an AL-80B linear and
> needed a KW-capable tuner. The 'exciter' is an Icom 756 ProIII. However, I
> have not used the linear with the AT1000pro and will not until this problem
> is taken care of.
> >
> > Any thoughts and suggestions would be greatly appreciated. Thank you.
> >
> > Warren, NW4C
> >
>
>
>

[Non-text portions of this message have been removed]

4687. [AT-100 Pro II] Bypass keeps staying on

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-03-15 22:30:43 UTC
From: g0nup
Topic: 4687 Message: 4687

HI All,
I'm new to the AT-100, but I seem to have a problem

I have two antenna connected, a vertical and an Inv-v. I know I can select whichever antenna I want.
I have a set of frequencies I use and I have done a full tune on them all along with tuning plus or minus a few.

When I come to actually transmit, sometimes, the first touch of RF out seems to bring up the Bypass LED on the front of the AT-100.

It can happen on either antenna. Only way I seem to be able to clear this is by stopping QSO, dropping power, pressing 'TUNE ' and letting it resync itself.

Why is this happening?

Normal (CW) power for me is 50-75W, in fact none of my rigs will actually go over 100w..
If I take the AT-100 out of circuit and use my Kenwood rig built in ATU I get a very stable SWR.

This was the reason for my previous (unanswered) question as to if there is a factory reset.

I'm just worried that something is wrong and it needs sorting or replacing?

Regards
73
Kevin G0NUP

4688. Re: [LDG-auto-tuners] Re: LDG Acquires S9Antennas

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-03-16 01:15:39 UTC
From: Howard Bingham
Topic: 4674 Message: 4688

Is this the same S9 that was prominent with CB radio publication of the
same name...?

Haven't seen any antennas under S9 label in my area..!

Howard Bingham
KE5APJ

--

On 3/14/2011 1:51 PM, n2lrb@... wrote:
> Congratulations to LDG on the purchase of S9 Antennas! Amazingly I just received my S9 antenna this past Saturday. I wish you well with this endeavor.
>
> Jose B. Rivera
> 73 from N2LRB
>
>
> --- In LDG-auto-tuners@yahoogroups.com, "Dwayne"<ldgyahoo@...> wrote:
>>
>> Breaking News! LDG has acquired S9 Antennas. S9 is one of the fastest growing antenna companies in the US and has been acquired by LDG Electronics. We are working toward select dealers to have stock in the next week or two. More details coming soon.
>>
>> Dwayne Kincaid
>> LDG
>>
>

4689. Re: LDG Acquires S9Antennas

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-03-16 18:47:32 UTC
From: Dwayne
Topic: 4674 Message: 4689

Hi Howard,

No, it had nothing to do with the magazine. It's a fairly new start up company that had been selling fiberglass HF antennas under the name S9Antennas out of TX for a few years.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, Howard Bingham <ke5apj@...> wrote:
>
> Is this the same S9 that was prominent with CB radio publication of the
> same name...?
>
> Haven't seen any antennas under S9 label in my area..!
>
> Howard Bingham
> KE5APJ
>
> --
>
> On 3/14/2011 1:51 PM, n2lrb@... wrote:
> > Congratulations to LDG on the purchase of S9 Antennas! Amazingly I just received my S9 antenna this past Saturday. I wish you well with this endeavor.
> >
> > Jose B. Rivera
> > 73 from N2LRB
> >
> >
> > --- In LDG-auto-tuners@yahoogroups.com, "Dwayne"<ldgyahoo@> wrote:
> >>
> >> Breaking News! LDG has acquired S9 Antennas. S9 is one of the fastest growing antenna companies in the US and has been acquired by LDG Electronics. We are working toward select dealers to have stock in the next week or two. More details coming soon.
> >>
> >> Dwayne Kincaid
> >> LDG
> >>
> >
>

4690. Re: [AT-100 Pro II] Bypass keeps staying on

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-03-19 01:19:18 UTC
From: Dwayne
Topic: 4687 Message: 4690

Hi Kevin,

Auto mode take precedents over bypass, so if the tuner see an antenna that has swr higher than what is set in the threshold, it will start tuning. If the resultant tune is all tuning elements out, then it leaves the tuner in bypass.

The first thing I would do would be to turn off the Auto mode until you can get it all figured out.

Then maybe turn back on Auto mode and set the threshold to something higher like 2.0 or 2.5.

You don't need a factor reset as the tuner will take care of that for you as you find good matches. Just play with the Auto and Semi mode to find what behavior you like.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "g0nup" <kevin@...> wrote:
>
> HI All,
> I'm new to the AT-100, but I seem to have a problem
>
> I have two antenna connected, a vertical and an Inv-v. I know I can select whichever antenna I want.
> I have a set of frequencies I use and I have done a full tune on them all along with tuning plus or minus a few.
>
> When I come to actually transmit, sometimes, the first touch of RF out seems to bring up the Bypass LED on the front of the AT-100.
>
> It can happen on either antenna. Only way I seem to be able to clear this is by stopping QSO, dropping power, pressing 'TUNE ' and letting it resync itself.
>
> Why is this happening?
>
> Normal (CW) power for me is 50-75W, in fact none of my rigs will actually go over 100w..
> If I take the AT-100 out of circuit and use my Kenwood rig built in ATU I get a very stable SWR.
>
> This was the reason for my previous (unanswered) question as to if there is a factory reset.
>
> I'm just worried that something is wrong and it needs sorting or replacing?
>
> Regards

> 73
> Kevin G0NUP
>

4691. Re: LDG AT1000pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-03-19 01:25:01 UTC
From: Dwayne
Topic: 4676 Message: 4691

Hi Warren,

Place the tuner in semi mode. Press the Auto button and the Auto LED will go out.After that, the tuner should never retune unless you press the tune button on the tuner.

It does sounds like there is some RF getting into the tuner cause it "think" that it has a bad match and is retuning. Stray RF can do this or RF on the power cable or interface cable (if used). Some snap-on chokes make help alleviate the problem to a level that is usable for you. But adding the amp will only multiply the issues.

Try the semi mode first and that may take care of it.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, Louis Ciotti <k2lrv@...> wrote:
>
> Sounds plausable, but I do not think radios with this setting will cause a
> tune to occure it the tuner sees a match. Sounds (at least to me) that he
> picks a frequency, runs a tune cycle, an then when ever he keys up, it will
> try and run through a retune, even though it should already be tuned.
> Sounds symptomatic of RF getting into the tuner.
>
> On Tue, Mar 15, 2011 at 9:47 AM, Joe <speeddbuggy@...> wrote:
>
> >
> >
> > What radio are you using ? Sounds like you may have a setting in the radio
> > to start auto tuning as soon as you key the radio, my ic7k has that feature.
> >
> >
> > --- In LDG-auto-tuners@yahoogroups.com, "wbcroke" <warren.croke@>
> > wrote:
> > >
> > > I have a brand new AT1000pro (one week) which does not hold memory on
> > 17-15-12 or 10 meters even after it finds its match. Each time I touch the
> > key or speak into the mike anywhere on those bands it goes back into a full
> > tuning cycle.
> > >
> > > The AT1000pro works as advertized on 40-30 and 20 meters; once it tunes
> > anywhere on those bands I can return and click, it has the proper match.
> > >
> > > The antenna is a 40-10 OCF Carolina Windom dipole that my previus tuner,
> > an LDG200Pro, handled without difficulty. I realize this antenna presents
> > complex matches on certain frequenciies, but as noted the 200Pro had no
> > difficulty tuning it from one end to the other; once it found a match the

> > first time a touch of the paddle was all that was required
> > >
> > > I 'upgraded' to the AT1000pro because I've purchased an AL-80B linear and
> > needed a KW-capable tuner. The 'exciter' is an Icom 756 ProIII. However, I
> > have not used the linear with the AT1000pro and will not until this problem
> > is taken care of.
> > >
> > > Any thoughts and suggestions would be greatly appreciated. Thank you.
> > >
> > > Warren, NW4C
> > >
> >
> >
> >
>
>
> [Non-text portions of this message have been removed]
>

4692. Re: KT-100 with TS-590S

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-03-19 01:31:33 UTC
From: Dwayne
Topic: 4682 Message: 4692

Ken.

Good question. We have not tried it with the 590 yet. From what we are seeing in some of the early reports is that the tuner in the 590 is pretty good and may not have much benefit from using an external tuner.

Of course the same thing was said about the IC-703 with internal tuner when it came out (but turned out false), so until we have more data, we just don't know.

On the interface part, we'll just have to wait until we get one to see if it works or not. We've not heard either way so far.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "Ken" <ve5kc@...> wrote:
>
> A discussion on the TS-590S Yahoo group says the MFJ auto tuners do not work with the interface cable. Something about the AT-300 interface not being programed in the firmware.
>
> Has anyone tried a KT-100 tuner with the TS-590S? Is this only a problem with MFJ or is it with the LDG tuner as well?
>
>
> 73 - Ken - VE5KC
> - http://amateur-radio.ca
> - http://ham-radio.ca
> ----
>

4693. Re: KT-100 with TS-590S

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-03-19 11:29:16 UTC
From: Ken
Topic: 4682 Message: 4693

Hi Dwayne..

Thank you for the reply.

Yes the tuner in the TS-590S is excellent, compared to the tuners built into any other radio I've owned. It will match most loads up to 10:1. The problem I found is in the way the tuner works. When you press the tune button, it quickly check the SWR. If it see a SWR of near 10:1 it will not attempt to tune. There is nothing that you can do, it just will not work.

There were situations that the tuner had worked fine on my antenna. Weeks later it would no longer tune, when I pushed the tune button. I changed to a close frequency stored in memory, with the AT turned on the rig worked fine, (without tuning) showing a match near 1:1. Next, I found if I changed to the frequency I wanted (leaving the AT on and not pressing tune) I still had a good match. I seems like the tuner checks the SWR and decides it can not tune the antenna while using stored settings it works fine.

With my LDG Z11Pro I can match antennas that the TS-590S has problems handling. The LDG tuner is more flexible in the way it works as it will try and very often tunes some very poor antennas. The thing is that the LDG tries to tune in situations where the TS-590S will not. For this reason, I am looking at using an external tuner, along with being able to use an external SWR/watt meter inline. I like the KT-100 because I could just push the tune button on the radio.. (like I am use to with my Icom rigs).

Hopefully someone will test soon to verify if the KT-100 tuner will work with the TS590S. Maybe one of your dealers to check this. If it is a Kenwood problem they can get after them and hope they can fix it soon in a firmware update. I don't want to buy a KT-100 if it won't work. I don't think your dealers want to sell the KT-100 only to have a TS590S user angry that it won't work. (Time for someone at LDG to buy a great new rig.. hi..)

I know I can use the Z11Pro without the interface cable and have now configured one of the TS-590S programmable buttons to make doing this easier. You can setup one of the PF keys so the radio switches to CW and puts out a carrier at a power level you set, from 10 to 100 watts.

My IC-703 tuner can match some broad mismatches when used with a balun. However, the Z11Pro is a lot more flexible in handling some very situations you can find in portable setups.

73 - Ken - VE5KC
- http://amateur-radio.ca
- http://ham-radio.ca

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
> Ken.
>
> Good question. We have not tried it with the 590 yet. From what we are seeing in some of the early reports is that the tuner in the 590 is pretty good and may not have much benefit from using an external tuner.
>
> Of course the same thing was said about the IC-703 with internal tuner when it came out (but turned out false), so until we have more data, we just don't know.
>
> On the interface part, we'll just have to wait until we get one to see if it works or not. We've not heard either way so far.
>
> Dwayne Kincaid
> LDG
>
> --- In LDG-auto-tuners@yahoogroups.com, "Ken" ve5kc@ wrote:
> >
> > A discussion on the TS-590S Yahoo group says the MFJ auto tuners do not work with the interface cable. Something about the AT-300 interface not being programed in the firmware.
> >
> > Has anyone tried a KT-100 tuner with the TS-590S? Is this only a problem with MFJ or is it with the LDG tuner as well?
> >
> >
> > 73 - Ken - VE5KC
> > - http://amateur-radio.ca
> > - http://ham-radio.ca
> > ----
> >
>

[Non-text portions of this message have been removed]

4694. Re: KT-100 with TS-590S

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-03-19 16:19:53 UTC
From: kb0naz
Topic: 4682 Message: 4694

The tuner in the ts-590 is pretty good,however there are spots/bands that it will not tune that my Z11Pro does.
Scott KB0NAZ

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
> Ken.
>
> Good question. We have not tried it with the 590 yet. From what we are seeing in some of the early reports is that the tuner in the 590 is pretty good and may not have much benefit from using an external tuner.
>
> Of course the same thing was said about the IC-703 with internal tuner when it came out (but turned out false), so until we have more data, we just don't know.
>
> On the interface part, we'll just have to wait until we get one to see if it works or not. We've not heard either way so far.
>
> Dwayne Kincaid
> LDG
>
> --- In LDG-auto-tuners@yahoogroups.com, "Ken" <ve5kc@> wrote:
> >
> > A discussion on the TS-590S Yahoo group says the MFJ auto tuners do not work with the interface cable. Something about the AT-300 interface not being programed in the firmware.
> >
> > Has anyone tried a KT-100 tuner with the TS-590S? Is this only a problem with MFJ or is it with the LDG tuner as well?
> >
> >
> > 73 - Ken - VE5KC
> > - http://amateur-radio.ca
> > - http://ham-radio.ca
> > ----
> >
>

4695. Re: [AT-100 Pro II] Bypass keeps staying on

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-03-19 19:56:27 UTC
From: g0nup
Topic: 4687 Message: 4695

Dwayne,
Thanks for the reply, I've been testing it a bit more and I've noticed that the Bypass led is coming on whenever I change antenna.
e.g. I power up rig and at-100 and the bypass is lit, I change antenna with the button and the other antenna is also showing the Bypass led.
It is probably as you imply I need a bit more practice. I was really just after some form of reassurance that there was not a problem.

73 de Kevin
G0NUP

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
> Hi Kevin,
>
> Auto mode take precedents over bypass, so if the tuner see an antenna that has swr higher than what is set in the threshold, it will start tuning. If the resultant tune is all tuning elements out, then it leaves the tuner in bypass.
>
> The first thing I would do would be to turn off the Auto mode until you can get it all figured out.
>
> Then maybe turn back on Auto mode and set the threshold to something higher like 2.0 or 2.5.
>
> You don't need a factor reset as the tuner will take care of that for you as you find good matches. Just play with the Auto and Semi mode to find what behavior you like.
>
> Dwayne Kincaid
> LDG
>
>
>
> --- In LDG-auto-tuners@yahoogroups.com, "g0nup" <kevin@> wrote:
> >
> > HI All,
> > I'm new to the AT-100, but I seem to have a problem
> >
> > I have two antenna connected, a vertical and an Inv-v. I know I can select whichever antenna I want.
> > I have a set of frequencies I use and I have done a full tune on them all along with tuning plus or minus a few.
> >
> > When I come to actually transmit, sometimes, the first touch of RF out seems to bring up the Bypass LED on the front of the AT-100.

> >
> > It can happen on either antenna. Only way I seem to be able to clear this is by stopping QSO, dropping power, pressing 'TUNE ' and letting it resync itself.
> >
> > Why is this happening?
> >
> > Normal (CW) power for me is 50-75W, in fact none of my rigs will actually go over 100w..
> > If I take the AT-100 out of circuit and use my Kenwood rig built in ATU I get a very stable SWR.
> >
> > This was the reason for my previous (unanswered) question as to if there is a factory reset.
> >
> > I'm just worried that something is wrong and it needs sorting or replacing?
> >
> > Regards
> > 73
> > Kevin G0NUP
> >
>

4696. LDG z817 Request for info or z-11

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-03-22 22:38:22 UTC
From: guardian50002001
Topic: 4696 Message: 4696

Potential buyer:

When tuning a non resonant aerial does the rx signal improve? or is it best to be in bypass?

Thanks in advance

4697. Re: [LDG-auto-tuners] LDG z817 Request for info or z-11

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-03-23 02:59:21 UTC
From: Leonard K. Pennock
Topic: 4696 Message: 4697

Best to use the tuner if a match was reached. The same thing that gives
better power transfer when transmitting also works on receive.

On 03/22/2011 03:38 PM, guardian50002001 wrote:
> Potential buyer:
>
> When tuning a non resonant aerial does the rx signal improve? or is it best to be in
bypass?
>
> Thanks in advance
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

--
Leonard K. Pennock
AD7AS

Those who walk bravely through life, unafraid of loss or failure,
find that they very rarely lose or fail.

4698. Re:

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-03-23 10:09:56 UTC
From: ANTHONY BARRETT
Topic: 4698 Message: 4698

I use a Z817 with a Yaesu FT817 and I find no detriment with with left inline, unless rx on a band way off from where tuner was last tuned. For general listening I run it off line,and compare SWR with and without it. On 40 meters my antenna is a good match, it's an inverted V, the tuner makes no noticeable difference, on the windom I tend to use it on all bands except 20 meters. hope this helps!

Tony Barrett

[Non-text portions of this message have been removed]

4699. Re: LDG Z11 Pro II - Couple of questions

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-03-23 20:32:02 UTC
From: the_shamen
Topic: 4669 Message: 4699

Hi Jimmy,

Sorry for not replying sooner.
Work & recently moved QTH, not enough hours in the day.

At present I have a temp homebrew fan dipole for 17M, 10M and 6M
The 590 will match additionally on 15M, nothing else.
The Z11 will match on 20M, 15M and 12M.

Eventually I want put some a bit bigger at the end of the yard,
and put the Z11 with it.

Thanks & 73's - Dave - G8LIY

--- In LDG-auto-tuners@yahoogroups.com, "Jimmy \(WB8NBI\)" <wb8nbi@...> wrote:
>
> I think you might want to try the tuner in the 590 as it seems to a greater range than most internal tuners, you could use the radio interface if you can find a LDG K-OTT Kenwood interface. I used one with my AT-1000Pro tuner but found I like the auto tune better.
>
> 73 Jimmy (WB8NBI)
>
> From: the_shamen
> Sent: Thursday, March 10, 2011 5:33 PM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: [LDG-auto-tuners] LDG Z11 Pro II - Couple of questions
>
>
> Hello Group,
>
> I have the Z11 Pro II, and have a couple of questions,
> did try a search first?
>
> 1. Can the radio interface socket be used with a Kenwood TS-590?
> or can I only use the Auto option?
>
> 2. Anybody looked at making it a remote tuner?
> Re-boxing and remoting the front panel.
> (Maybe this is just a dream!!)
>
> Thanks & Regards
> David - G8LIY
>
>
>
>

>
> [Non-text portions of this message have been removed]
>

4700. Re: LDG Z11 Pro II - Couple of questions

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-03-23 20:35:29 UTC
From: the_shamen
Topic: 4669 Message: 4700

Hi Ken,

Sorry for not replying sooner.
Work & recently moved QTH, not enough hours in the day.

Thanks,
Yes, Having done a bit more Googling I gather that's the case.
Don't ewant to buy another ATU, the Z11 is very versatile.

Thanks & 73's - Dave - G8LIY

--- In LDG-auto-tuners@yahoogroups.com, "Ken" <ve5kc@...> wrote:
>
>
> Hi David
>
> >>> 1. Can the radio interface socket be used with a Kenwood TS-590?
>
> No.. it will not work with the Kenwood tuner interface...
> If it did I would be using mine that way.. :(
>
> See previous discussion on this topic where I asked this question.
>
> http://groups.yahoo.com/group/LDG-auto-tuners/message/4479
>
> The only current LDG tuner that will support the TS-590S is the KT-100
> which only supports Kenwood rigs with the AT-300 tuner (tuner interface)
> connector.
> http://www.ldgelectronics.com/c/252/products/1/42/1
>
> You can still use the Z11 Pro (II) without the interface cable as it
> will tune when RF is applied.
>
> >>> 2. Anybody looked at making it a remote tuner?
>
> I have not tried it but have read about others who have had great
> success using a Z11 Pro (II)as a remote tuner. This works as the tuner
> works without the need of a control cable.
>
> 73 - Ken - VE5KC
> - http://amateur-radio.ca
> - http://ham-radio.ca
> ----
>
>
>

>
> [Non-text portions of this message have been removed]
>

4701. Re: LDG Z11 Pro II - Couple of questions

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-03-23 20:39:25 UTC
From: the_shamen
Topic: 4669 Message: 4701

Hi Yvon,

Sorry for not replying sooner.
Work & recently moved QTH, not enough hours in the day.

Thanks,
Have you mounted it inside another weather proof box
or have you re-fitted it into another case?
Interested to hear, any pictures?

Thanks & 73's - Dave - G8LIY

--- In LDG-auto-tuners@yahoogroups.com, "at91r40008" <nu6i@...> wrote:
>
> Hi David.
>
> I am using the Z11 PRO as a remote tuner at the base of my small tower with a FT450. And have used it with different radios as they come and go without any problem. Never failed and when the batteries get low it just stop tuning so I know it is time to open the box and replace them. No erratic behavior. Works better than the several times more expensive SGC I used to have.
>
> 73, Yvon NU6I
>
>
> --- In LDG-auto-tuners@yahoogroups.com, "Ken" <ve5kc@> wrote:
> >
> >
> > Hi David
> >
> > >>> 1. Can the radio interface socket be used with a Kenwood TS-590?
> >
> > No.. it will not work with the Kenwood tuner interface...
> > If it did I would be using mine that way.. :(
> >
> > See previous discussion on this topic where I asked this question.
> >
> > http://groups.yahoo.com/group/LDG-auto-tuners/message/4479
> >
> > The only current LDG tuner that will support the TS-590S is the KT-100
> > which only supports Kenwood rigs with the AT-300 tuner (tuner interface)
> > connector.
> > http://www.ldgelectronics.com/c/252/products/1/42/1
> >
> > You can still use the Z11 Pro (II) without the interface cable as it
> > will tune when RF is applied.

> >
> > >>> 2. Anybody looked at making it a remote tuner?
> >
> > I have not tried it but have read about others who have had great
> > success using a Z11 Pro (II)as a remote tuner. This works as the tuner
> > works without the need of a control cable.
> >
> > 73 - Ken - VE5KC
> > - http://amateur-radio.ca
> > - http://ham-radio.ca
> > ----
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

4702. Kenwood released v1.03 firmware up grade - AT-300 fix

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-03-24 11:30:16 UTC
From: Ken
Topic: 4702 Message: 4702

Firmware Update (1.03) Available for Kenwood TS-590 [March 24, 2011]

This may help for LDG AT-300 compatible tuners.

Revises the following: The TS-590S might not detect a connection with the AT-300 external antenna tuner.

http://www.kenwood.com/i/products/info/amateur/software_download.html

73 - Ken - VE5KC
- http://amateur-radio.ca
- http://ham-radio.ca

4703. Meter calibration on AT-1000pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-03-26 22:58:43 UTC
From: bill_van@sbcglobal.net
Topic: 4703 Message: 4703

Not often that a person gets access to a true lab grade wattmeter so I thought I'd check the accuracy through comparison of my 2 AT-1000 pro tuners. Here's the question,

Is there a special procedure if an adjustment is necessary i.e. power, frequency, etc.

Is there an adjustment pot and it's location.

Thanks all

Bill - W5WDV

4704. AT-1000 and AT-1000Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-03-28 02:12:19 UTC
From: wb2boo
Topic: 4704 Message: 4704

I've been using my AT-1000 for about 5 years now after my Ameritron ALS-600 amp. I recently upgraded my base rig to a an ICOM-7600 and am considering purchasing an AT-1000Pro to get the autotuning capability versus the manually intitated tuning I have now.

I notice that the AT-1000 Pro comes with an "Icom Interface cable" . Does this work with the Icom 7600? If so where does it connect? I'm already using the 7600's USB port for rig control to my station management software.

Bottom line. How much simpler would the replacement of the AT-1000 with the AT-1000Pro make my station operation?

Thanks & 73

Gary, K2GW

4705. Re: [LDG-auto-tuners] AT-1000 and AT-1000Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-03-28 02:19:27 UTC
From: don pickel
Topic: 4704 Message: 4705

On 3/27/2011 10:12 PM, wb2boo wrote:
> Icom 7600
4 pin tuner socket the ldg 1000 works good bin useing with my 706 for a year now

--

4706. Re: LDG Z11 Pro II - Couple of questions

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-03-28 19:12:25 UTC
From: at91r40008
Topic: 4669 Message: 4706

DAve,

I did post pictures some time ago in the photo section. Look under my call NU6I.
That box is waterproof and I put it in a plastic back to protect from the birds droppings.

73, Yvon. NU6I

--- In LDG-auto-tuners@yahoogroups.com, "the_shamen" <xwebsubs@...> wrote:
>
> Hi Yvon,
>
> Sorry for not replying sooner.
> Work & recently moved QTH, not enough hours in the day.
>
> Thanks,
> Have you mounted it inside another weather proof box
> or have you re-fitted it into another case?
> Interested to hear, any pictures?
>
> Thanks & 73's - Dave - G8LIY
>
> --- In LDG-auto-tuners@yahoogroups.com, "at91r40008" <nu6i@> wrote:
> >
> > Hi David.
> >
> > I am using the Z11 PRO as a remote tuner at the base of my small tower with a FT450. And have used it with different radios as they come and go without any problem. Never failed and when the batteries get low it just stop tuning so I know it is time to open the box and replace them. No erratic behavior. Works better than the several times more expensive SGC I used to have.
> >
> > 73, Yvon NU6I
> >
> >
> > --- In LDG-auto-tuners@yahoogroups.com, "Ken" <ve5kc@> wrote:
> > >
> > >
> > > Hi David
> > >
> > > >>> 1. Can the radio interface socket be used with a Kenwood TS-590?
> > >
> > > No.. it will not work with the Kenwood tuner interface...
> > > If it did I would be using mine that way.. :(
> > >
> > > See previous discussion on this topic where I asked this question.
> > >

> > > http://groups.yahoo.com/group/LDG-auto-tuners/message/4479
> > >
> > > The only current LDG tuner that will support the TS-590S is the KT-100
> > > which only supports Kenwood rigs with the AT-300 tuner (tuner interface)
> > > connector.
> > > http://www.ldgelectronics.com/c/252/products/1/42/1
> > >
> > > You can still use the Z11 Pro (II) without the interface cable as it
> > > will tune when RF is applied.
> > >
> > > >>> 2. Anybody looked at making it a remote tuner?
> > >
> > > I have not tried it but have read about others who have had great
> > > success using a Z11 Pro (II)as a remote tuner. This works as the tuner
> > > works without the need of a control cable.
> > >
> > > 73 - Ken - VE5KC
> > > - http://amateur-radio.ca
> > > - http://ham-radio.ca
> > > ----
> > >
> > >
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> >
>

4707. RF Sense Chip for AT-100Pro?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-03-30 14:11:38 UTC
From: doc@kd4e.com
Topic: 4707 Message: 4707

A Ham describes using a LDG AT-100Pro (with a "RF sense chip") between his Yaesu FT-857D and a converted commercial solid state amp.

Is that chip standard or special-order, please?

I do not see it on the LDG Web page.

--

Thanks! & 73, KD4E
David Colburn http://kd4e.com
SE-GA Tailgate - April 9th, 2011
Have an http://ultrafidian.com day
I don't google I SEARCH! http://ixquick.com
Shop Freedom-Friendly http://kd4e.com/of.html

4708. FT-450D Interface for AT600 Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-03-30 16:54:44 UTC
From: va6awr
Topic: 4708 Message: 4708

I have an LDG AT600 Pro that I want to use with my FT-450D. Until now I've been using the tuner with my Icom IC-736. I want to be able to use the AT600 Pro with my FT-450D in the same way (ie. press the "Tune" button on either the radio or the tuner).

I realize the YT-450 is specifically designed for use with the FT-450 but I'm using a linear amp so the YT-450 isn't an option for me. The AT600 Pro works very well for me so I don't want to buy another tuner just so I can use an LDG autotuner with my FT-450.

I want to use the Icom cable that came with the AT600 tuner and make an interface to connect to the Tuner port on the FT-450D. I want to be able to press the "Tune" button on my FT-450D or the AT600 Pro and have everything work the same way it does with my Icom IC-736.

BetterRF makes an interface exactly like the one I want to make so I know this can be done. BetterRF wants over $40.00 for their unit. I haven't seen a schematic of their unit but as far as I know they're using point to point wiring.

Here's the pinouts for the Tuner jack on the FT-450D and the Icom Tuner Connector:

FT-450D Tuner Jack Icom Tuner Connector

Pin 1 +13.8 V Out Pin 1 (Key)
Pin 2 TX Gnd Out Pin 2 (Start)
Pin 3 Gnd Pin 3 (+13.8V)
Pin 4 RXD Pin 4 (Ground)
Pin 5 TXD
Pin 6 Tuner Sense
Pin 7 Reset Out
Pin 8 TX INH In

Looking at the pinout for the LDG Icom connector, it appears the pinout connections would be as follows

FT-450D Tuner Jack Molex (Icom) Interface

Pin 1 +13.8V Pin 3 (+13.8V)
Pin 2 Tx Gnd Out n/c
Pin 3 Gnd Pin 4 (Ground)
Pin 4 RXD Pin 2 (Start)
Pin 5 TXD Pin 1 (Key)
Pin 6 Tuner Sense Pin 4 (Ground)
Pin 7 Reset Out n/c
Pin 8 TX Inh In n/c

Is this correct?

Wayne
VA6 AWR

4709. Two HF Radios, one tuner & one antenna

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-03-30 08:22:19 UTC
From: blkbird777inc
Topic: 4709 Message: 4709

Hi to everyone,

I am new to amateur radio. I do a lot of 4WDing and currently have a land mobile with a tapped antenna.

I would also like to get an amateur radio to supplement the amateur bands. My aim is to replace the tapped antenna with a Antenna coupler/tuner and a new antenna to cover the frequency range of both my radios.

My questions is can I have Two HF Radios, one tuner & one antenna. I have been looking at the z11pro or the SGC 237.

My knowledge on the setup us very basic. My thoughts are to have a co-ax switch connected to each radio into the tuner and then into the antenna??

Is this possible or impractical.

Would love to hear you collective thoughts

Cheers

Greg

4710. Re: Two HF Radios, one tuner & one antenna

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-04-04 21:28:31 UTC
From: Howard Z
Topic: 4709 Message: 4710

Greg,

I have two HF radios - but I only power on ONE AT A TIME.

Their coax antenna connections go to an DAIWA coax switch, and
the output of the coax switch goes to amplifier & tuner.

So - if you have two radios and only want to POWER ON one of them at any given radio session - and you don't like moving the coax back and forth between the two radios - then you can use a Coax switch - that's what I use.

Howard

--- In LDG-auto-tuners@yahoogroups.com, "blkbird777inc" <blkbird777inc@...> wrote:
>
> Hi to everyone,
>
> I am new to amateur radio. I do a lot of 4WDing and currently have a land mobile with a tapped antenna.
>
> I would also like to get an amateur radio to supplement the amateur bands. My aim is to replace the tapped antenna with a Antenna coupler/tuner and a new antenna to cover the frequency range of both my radios.
>
> My questions is can I have Two HF Radios, one tuner & one antenna. I have been looking at the z11pro or the SGC 237.
>
> My knowledge on the setup us very basic. My thoughts are to have a co-ax switch connected to each radio into the tuner and then into the antenna??
>
> Is this possible or impractical.
>
> Would love to hear you collective thoughts
>
> Cheers
>
> Greg
>

4711. A couple of small announcements for April

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-04-05 22:54:26 UTC
From: Dwayne
Topic: 4711 Message: 4711

This month we announce the addition of the Z-817H coming in June. It's a higher powered version of the Z-817, but allows for the integration of an HF amplifier. The extra CAT port allows direct connection to the Tokyo High Power HL-45B for automatic band selections on the amplifier. The tuner can also be used with other HF amps targeted to the QRP market such as the HF Packer amps.

The Z-817H still works with QRP radios down to 0.1 watts and is still powered from four AA batteries that will last about a year. To handle the higher power, we've changed to an all metal enclosure that measures about 7 x 5 x 1.5 (inches). It weighs about 1 pound. The Z-817H should be available in June and will have an MSRP of $159.99.

(We still need to add some photos to the web site).

The second small announcement is we're adding the RU-4:1, a 200 watt 4:1 Unun to our Balun line (Ok, now Balun and Unun line). Since we've acquired S9Antennas, we've found that we need to include an Unun with every vertical antenna to allow the maximum performance.

Unfortunately, the RU-4:1 won't be available until around June, so we're shipping the S9Antennas with a free RBA-1:1 current Balun (also known as a choke Balun) until we can get the RU-4:1s in. We'll put a certificate for a free RU-4:1 in all of the vertical antennas we ship until the Ununs come in. That way, you can get operating now with your vertical and covert to the Unun at a later date. Once the Ununs are in, every S9vXX vertical antenna will come with a free RU-4:1 Unun.

Speaking of S9Antennas, we plan on start shipping the S9v31 and S9v18 in mid-April. The S9v43's are taking longer and should start shipping in late April. We've already got a ton on back order and we're working as hard as we can to get those orders filled. The way it's going, it may late this year before anyone can purchase one directly from stock. www.cheapham.com has taken the lead and will have the first batch of 31 and 18 foot units in mid-April.

We've got some more cool announcements for mid-June, so keep watching.

Dwayne Kincaid
LDG

4712. S9 Antenna Question

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-04-08 00:07:10 UTC
From: n2lrb@n2lrb.com
Topic: 4712 Message: 4712

Is this the place to read, post, learn about the S9 antenna or is there another LDG group for the S9? If so what is the name of the group?

Jose B Rivera - N2LRB - 73

4713. Re: S9 Antenna Question

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-04-09 00:54:24 UTC
From: Ken
Topic: 4712 Message: 4713

A new group has been started for S9

http://groups.yahoo.com/group/S9Antennas/

73 - Ken - VE5KC
- http://amateur-radio.ca
- http://ham-radio.ca

--- In LDG-auto-tuners@yahoogroups.com, n2lrb@... wrote:
>
> Is this the place to read, post, learn about the S9 antenna or is there another LDG group for the S9? If so what is the name of the group?
>
> Jose B Rivera - N2LRB - 73
>

4714. AT-11MP Broke?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-04-10 08:54:46 UTC
From: k4mt
Topic: 4714 Message: 4714

My AT-11MP does not seem to be tuning properly. My antenna reads around 2:1 without the tuner but the tuner will not tune the load on any band. It just keeps grinding and cycles over and over again and IF it stops tuning the SWR is 4:1. I tried tuning into a 50 ohm load and forcing manual tuning and it tunes fine. Also the SWR metering is correct and the internal adjustments do not help as far as I can tell.

Any ideas of what may be happening. I got the tuner at an estate sale and it has never seemed to tune right. Or is the old AT-11MP just not as efficient at tuning loads as the newer units?

Thanks,

Gary K4MT

4715. Re: [LDG-auto-tuners] AT-11MP Broke?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-04-11 01:20:51 UTC
From: Glenn AE0Q
Topic: 4714 Message: 4715

My original AT-11 tunes just as well as my newer Z-11Pro2 with the same loads. I would suspect the wattmeter diodes in the AT-11MP, probably got hit by static..

73 - Glenn AE0Q

On Sun, Apr 10, 2011 at 2:54 AM, k4mt <k4mt@...> wrote:

>
>
> My AT-11MP does not seem to be tuning properly. My antenna reads around 2:1
> without the tuner but the tuner will not tune the load on any band. It just
> keeps grinding and cycles over and over again and IF it stops tuning the SWR
> is 4:1. I tried tuning into a 50 ohm load and forcing manual tuning and it
> tunes fine. Also the SWR metering is correct and the internal adjustments do
> not help as far as I can tell.
>
> Any ideas of what may be happening. I got the tuner at an estate sale and
> it has never seemed to tune right. Or is the old AT-11MP just not as
> efficient at tuning loads as the newer units?
>
> Thanks,
>
> Gary K4MT
> __·_,_·_
>

--
"Remember, any tool can be the right tool!" Red Green

AE0Q ex: GM5BKC, ZB2WZ, V31RY, SV0WY, WA0VPK
ae0q@... --SOWP 5558-M, ARRL LM, QCWA LM, OOTC, NCVA--
http://www.radiotipsandtales.com

[Non-text portions of this message have been removed]

4716. Re: AT-11MP Broke?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-04-11 10:50:51 UTC
From: k4mt
Topic: 4714 Message: 4716

I found the problems.

First one relay had a bad coil. It was a relay that switches in one of the larger coils with nost windings and realy killed the range of tuning. I temporarily connected another relay in its place and the tuner works fine now.

I have one one the way from LDG. Also two of the 10K sip resistor packs had bad sections. I have them on the way from Mouser.

I want to say LDG customer service is second to none! These guys are a pleasure to deal with and as a result they will have my business! Thanks LDG!

Gary

--- In LDG-auto-tuners@yahoogroups.com, "k4mt" <k4mt@...> wrote:
>
> My AT-11MP does not seem to be tuning properly. My antenna reads around 2:1 without the tuner but the tuner will not tune the load on any band. It just keeps grinding and cycles over and over again and IF it stops tuning the SWR is 4:1. I tried tuning into a 50 ohm load and forcing manual tuning and it tunes fine. Also the SWR metering is correct and the internal adjustments do not help as far as I can tell.
>
> Any ideas of what may be happening. I got the tuner at an estate sale and it has never seemed to tune right. Or is the old AT-11MP just not as efficient at tuning loads as the newer units?
>
> Thanks,
>
> Gary K4MT
>

4717. Z-100PLus Question

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-04-12 02:21:10 UTC
From: crb102463
Topic: 4717 Message: 4717

Hello Group;
I noticed that with my new Z-100Plus I hear a clicking sound from the tuner when running digital modes. Sounds like a relay. It's tuning fine with a 1:1 SWR. Is this normal running 20 watts?
Randy
W9RTB

4718. How the AT200-Pro handles good match?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-04-14 12:57:32 UTC
From: n0hnj
Topic: 4718 Message: 4718

I'm curious as to how my LDG200-Pro handles a near-perfect SWR. I just put up a GAP Eagle DX vertical, and on two bands - 20 and 17 - the SWR is as close to perfect as I've ever seen. Still, the first time I fired up the rig on those bands, the '200 went through its' routine until it found a comfortable setting.

I guess my question is, why does it still need to tune if there is nothing needed?

Tnx es 73
Doc
KB3MOW

4719. Re: [LDG-auto-tuners] How the AT200-Pro handles good match?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-04-14 19:05:23 UTC
From: Nine whisky two Charlie echo hotel
Topic: 4718 Message: 4719

Hi Doc,

I have the similar problem.. All my connection is ok..
Transmitting for 100watt.. and in the middle of the QSO, my tuner begin for tuning..
and high-swr detected on my FT-100D..

And now.. I can't TX more than 50 watt using the tuner.. but direct is ok..
My LDG AT-200Pro is now on-the-way to LDG service center...
I still don't have any idea about it.. wait till LDG return mine..

Bonar

de 9W2CEH

From: n0hnj <dcorio@...>
To: LDG-auto-tuners@yahoogroups.com
Sent: Thursday, April 14, 2011 8:57 PM
Subject: [LDG-auto-tuners] How the AT200-Pro handles good match?

I'm curious as to how my LDG200-Pro handles a near-perfect SWR. I just put up a GAP Eagle DX vertical, and on two bands - 20 and 17 - the SWR is as close to perfect as I've ever seen. Still, the first time I fired up the rig on those bands, the '200 went through its' routine until it found a comfortable setting.

I guess my question is, why does it still need to tune if there is nothing needed?

Tnx es 73
Doc
KB3MOW

[Non-text portions of this message have been removed]

4720. Connecting AT-1000PRO to Heathkit SB-200

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-04-15 00:07:21 UTC
From: Jim Ross
Topic: 4720 Message: 4720

Is it possible that anyone can furnish specific cabling for these two devices? The manual is a bit vague for a fairly new ham.
Jim KA8ABD

4721. RE: [LDG-auto-tuners] How the AT200-Pro handles good match?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-04-15 00:09:06 UTC
From: VK4ARI
Topic: 4718 Message: 4721

Hi All

I never had this problem with my AT-200 but I went to absolutely over the top levels of effort cross grounding every panel and the exhaust in the car where I used it with flat braided straps and mounting the tuner in a faraday enclosure as it was only about 3 feet from the antenna with everything being boot mounted.

The AT-1000 by the same company I had for QRO use in the house on the other hand was next to useless for exactly the problems described here. I spent hours corresponding with LDG, doing mods and changes, inserting choke baluns in all the feed lines, earthing, just the whole nine yards and could never beat it. As soon as the RF out reached 250w py she would enter endless tune cycles. In the end it was RF getting into the tuner and the only answer was to move the antenna further from the house. This is the weak spot with all the LDG stuff if it has one in my opinion.

Regards

Ari

Ex VK4ARI

From: LDG-auto-tuners@yahoogroups.com
[mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Nine whisky two Charlie echo hotel
Sent: Friday, 15 April 2011 5:05 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] How the AT200-Pro handles good match?

Hi Doc,

I have the similar problem.. All my connection is ok..
Transmitting for 100watt.. and in the middle of the QSO, my tuner begin for tuning..
and high-swr detected on my FT-100D..

And now.. I can't TX more than 50 watt using the tuner.. but direct is ok..
My LDG AT-200Pro is now on-the-way to LDG service center...
I still don't have any idea about it.. wait till LDG return mine..

Bonar

de 9W2CEH

_____
From: n0hnj <dcorio@... <mailto:dcorio%40zitomedia.net> >
To: LDG-auto-tuners@yahoogroups.com
<mailto:LDG-auto-tuners%40yahoogroups.com>
Sent: Thursday, April 14, 2011 8:57 PM
Subject: [LDG-auto-tuners] How the AT200-Pro handles good match?

I'm curious as to how my LDG200-Pro handles a near-perfect SWR. I just put up a GAP Eagle DX vertical, and on two bands - 20 and 17 - the SWR is as close to perfect as I've ever seen. Still, the first time I fired up the rig on those bands, the '200 went through its' routine until it found a comfortable setting.

I guess my question is, why does it still need to tune if there is nothing needed?

Tnx es 73
Doc
KB3MOW

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

4722. AT-897 Plus with FT-857D

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-04-16 02:30:17 UTC
From: kj6kqe
Topic: 4722 Message: 4722

The AT-897 Plus manual says "For the FT-857 and FT-857D, use the YT-100 tuner." is this because of packaging, (i.e. the AT-897+ bolts to the side of the FT-897D) or is there a technical reason to not use this tuner with an FT-857D. It seems to work fine....

4723. Z-11 Pro Problem.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-04-16 14:50:17 UTC
From: bsip_9
Topic: 4723 Message: 4723

Hi All,
Has anyone experienced the problem outlined below and found out what to do about it!!

I needed to replace the batteries in my 2 year old Z-11 Pro which has worked perfectly up until that point.

I removed the old batteries but was unable to replace them with new until a day or so later.

I now find that the tuner often "skips past" the low swr point (as observed on the front panel green/yellow leds)and continues a full search until again passing the lowest indicated swr. If I stop the search as the low swr led flashes, I can fine tune the match using the C/L up/down buttons then store that setting and all is well until a large qsy results in another full search and a repeat of the above.

After a bandchange, going back to about the frequency where a good match had previously been obtained, again results in a full search with no certainty that a match will be found.

On 80M, when/if a match is found, a qsy of around 20Khz results in another full search with, again, no certainty that a match will be found.

Also, originaly a match could be found at both ends of 80M whereas now, no match can be found at the low frequency end.

I have tried an EEprom reset which didn't help. No changes have been made to the antenna/feeder system.

Is there something else I can try??

Many thanks,
Wes
EA5/GW3RIH

4724. Re: IC7000 and Z100

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-04-17 16:10:40 UTC
From: ajmarmora
Topic: 4650 Message: 4724

i believe the original poster is referring to a change in the auto-tuner interface on the IC-7000 which is discussed in this thread:

http://www.eham.net/articles/14553

Key information from the above thread:

There are two problems associated with after-market "tuner modules".

One is a hard connection (short) between pins 1 and 2 (TKEY and TSTART respectfully), then any resistor (even a large value one) paralleled with a cap (1000 uF) to pin 3 (nominal supply voltage). The reason is, this places the nominal supply voltage on a CPU pin designed for 5 vdc. While this worked with the 706 (apparently), it doesn't work with the 7000.

To wit (IC-7000), if the resistor value is low (10K or so), the fan runs full speed. As the value increases, the fans slows. If the value is over 33K or so (depending on the internal temperature), the fan stops. But.... the temperature sense circuitry is swamped by the value of the resistor. It appears (based on trial and error) that this causes the fan to come on too late for proper cooling.

--- In LDG-auto-tuners@yahoogroups.com, "Joe" <speeddbuggy@...> wrote:
>
> i use an ldg z100 tuner on my 7k and i have not had an overheating problem maybe im lucky but also i do use an extra fan on top of the radio even b4 i got the tuner just to be safe.
>
>
> --- In LDG-auto-tuners@yahoogroups.com, "rappleby35" <zl4afm@> wrote:
> >
> > I have recently had my IC7k replaced under warranty because it went up in smoke. Using the new
> > unit on CW full power with a LDG Z100 the temp display goes into the red. Being concerned I 'Googled' the issue and found that with some auto-tuners the IC7000 temperature circuit is compromised and over temperature readings are possible with a disastrous result.
> > Can anyone confirm that the Z100 is ok to use with the IC7000?
> >
>

4725. IT-100 vs Z-100Plus+IC-PAC-cable

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-04-17 18:03:47 UTC
From: ajmarmora
Topic: 4725 Message: 4725

Are there any functional differences in using an IT-100 vs. a Z-100Plus-with-tC-PAC-cable when using the Icom IC-7000 radio tuning function?

Thank you.

4726. Re: How the AT200-Pro handles good match?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-04-18 07:40:43 UTC
From: sentman2000
Topic: 4718 Message: 4726

Hi,

Encountered the same problem here.
While working 21MHz.
After a good match, using CW for a couple of minutes with no QSY the tuning cycle kicked in again.

Later on I found out that 2 of the toroids and their windings got hot.
Measuring with the analyser showed a low impedance with -j54 capacitive.
Appearently the tuner inefficency at these impedances heats up the coils.
The coils get hot. Change inductance and the tuner mismatches and starts retuning again.
I changed the feedline length and balun, now the tuner sees 24-j9 Ohms and everytings works like a charm. No more heat and no more retuning.

73,
Ger, pg5v.

--- In LDG-auto-tuners@yahoogroups.com, Nine whisky two Charlie echo hotel <my_9w2ceh@...> wrote:
>
> Hi Doc,
>
> I have the similar problem.. All my connection is ok..
> Transmitting for 100watt.. and in the middle of the QSO, my tuner begin for tuning..
> and high-swr detected on my FT-100D..
>
> And now.. I can't TX more than 50 watt using the tuner.. but direct is ok..
> My LDG AT-200Pro is now on-the-way to LDG service center...
> I still don't have any idea about it.. wait till LDG return mine..
>
> Bonar
>
> de 9W2CEH
>
>
>
> _____
> From: n0hnj <dcorio@...>
> To: LDG-auto-tuners@yahoogroups.com
> Sent: Thursday, April 14, 2011 8:57 PM
> Subject: [LDG-auto-tuners] How the AT200-Pro handles good match?
>
>
>
> I'm curious as to how my LDG200-Pro handles a near-perfect SWR. I just put up a GAP Eagle DX vertical, and on two bands - 20 and 17 - the SWR is as close to perfect as I've ever

seen. Still, the first time I fired up the rig on those bands, the '200 went through its' routine until it found a comfortable setting.
>
> I guess my question is, why does it still need to tune if there is nothing needed?
>
> Tnx es 73
> Doc
> KB3MOW
>
>
>
>
> [Non-text portions of this message have been removed]
>

4727. SWR indication on AT-200Pro.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-04-18 07:50:16 UTC
From: sentman2000
Topic: 4727 Message: 4727

Hello,

have seen similar question regarding subject on other types of tuners too.

On my AT-200Pro swr indication on the LED bar seems to bee too high.
AT-200Pro shows an SWR of say 2.5-3.0 where the standalone meter or the MFJ analyser show a SWR of abt 1.2-1.5.
Pwr indication is OK.

Is there an adjustment procedure to correct this ?

73,
Ger, pg5v.

4728. Re: IC7000 and Z100

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-04-18 11:04:48 UTC
From: ajmarmora
Topic: 4650 Message: 4728

[sorry for replying to my own post - I was unable to edit the existing posting]

Another excerpt from http://www.eham.net/articles/14553:

"Dwayne at LDG has assured me that "All LDG tuners that are capable of interfacing to an IC-7000 handles pin 1 of the Icom interface exactly the same way as the Icom AH-4."

--- In LDG-auto-tuners@yahoogroups.com, "ajmarmora" <ajm054@...> wrote:
>
>
> i believe the original poster is referring to a change in the auto-tuner interface on the IC-7000 which is discussed in this thread:
>
> http://www.eham.net/articles/14553
>
> Key information from the above thread:
>
> There are two problems associated with after-market "tuner modules".
>
> One is a hard connection (short) between pins 1 and 2 (TKEY and TSTART respectfully), then any resistor (even a large value one) paralleled with a cap (1000 uF) to pin 3 (nominal supply voltage). The reason is, this places the nominal supply voltage on a CPU pin designed for 5 vdc. While this worked with the 706 (apparently), it doesn't work with the 7000.
>
> To wit (IC-7000), if the resistor value is low (10K or so), the fan runs full speed. As the value increases, the fans slows. If the value is over 33K or so (depending on the internal temperature), the fan stops. But.... the temperature sense circuitry is swamped by the value of the resistor. It appears (based on trial and error) that this causes the fan to come on too late for proper cooling.
>
>
>
>
> --- In LDG-auto-tuners@yahoogroups.com, "Joe" <speeddbuggy@> wrote:
> >
> > i use an ldg z100 tuner on my 7k and i have not had an overheating problem maybe im lucky but also i do use an extra fan on top of the radio even b4 i got the tuner just to be safe.
> >
> >
> > --- In LDG-auto-tuners@yahoogroups.com, "rappleby35" <zl4afm@> wrote:
> > >
> > > I have recently had my IC7k replaced under warranty because it went up in smoke. Using the new
> > > unit on CW full power with a LDG Z100 the temp display goes into the red. Being

concerned I 'Googled' the issue and found that with some auto-tuners the IC7000 temperature circuit is compromised and over temperature readings are possible with a disastrous result.
> > > Can anyone confirm that the Z100 is ok to use with the IC7000?
> > >
> >
>

4729. Use of AT-100 Pro with Icom 756 Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-04-19 19:26:38 UTC
From: abrigno1
Topic: 4729 Message: 4729

I have been using my AT-100 Pro with my Icom 706 MKII G with great success for several years. I hook it up to radio with the interface and use the tune button on the front of the 706 to tune.

I just got a 756 Pro (plain Pro) which has an internal tuner and would like to use the external AT-100 tuner but not sure just how. I have hooked it up with the interface like the 706 and have shut off the internal autotune in the menu and I do not turn on the tune button on the front of the 756 so it stays dark. I have been tuning using the button on the front of the AT-100. I reduce power manually then hit the tune button on the AT-100. Is this the best way??? I was told that doing this cuts back the power automatically and I don't have to reduce the power manually. Also It doesn't appear that there is a way to use the button on the front of the 756 like on the 706.

Any thoughts or help would be appreciated.

4730. Re: Use of AT-100 Pro with Icom 756 Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-04-21 09:19:48 UTC
From: Ken
Topic: 4729 Message: 4730

My info is based on the 756Pro3 ..

I used a LDG Z11PRO on both a Icom 706MKIIG and 756Pro3 with no problems.

When a compatible tuner is connected to the tuner plug, the internal tuner is disabled on [ANT1].

The internal tuner will still work for the antenna connected to [ANT2].

The external tuner MUST BE connected to [ANT1] and should work using the radios tune button, the same as on the 706. (the radio thinks you have attached an AH-4 tuner to [ANT1])

Are you using the right antenna connector? [ANT1]?

AUTOMATIC TUNER START and PTT TUNER START should work with the LDG tuner..

Tuner (Auto Start) = ON
Tuner (PTT Start) = ON or OFF
(I like this on in case I forget to press tune)

73 - Ken - VE5KC
- http://amateur-radio.ca
- http://ham-radio.ca
- http://hamsoft.ca (New MM Hamsoft address)

--- In LDG-auto-tuners@yahoogroups.com, "abrigno1" <abrigno@...> wrote:
>
> I have been using my AT-100 Pro with my Icom 706 MKII G with great success for several years. I hook it up to radio with the interface and use the tune button on the front of the 706 to tune.
>
> I just got a 756 Pro (plain Pro) which has an internal tuner and would like to use the external AT-100 tuner but not sure just how. I have hooked it up with the interface like the 706 and have shut off the internal autotune in the menu and I do not turn on the tune button on the front of the 756 so it stays dark. I have been tuning using the button on the front of the AT-100. I reduce power manually then hit the tune button on the AT-100. Is this the best way??? I was told that doing this cuts back the power automatically and I don't have to reduce the power manually. Also It doesn't appear that there is a way to use the button on the front of the 756 like on the 706.
>
> Any thoughts or help would be appreciated.
>

4731. Re: [LDG-auto-tuners] Re: Use of AT-100 Pro with Icom 756 Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-04-21 13:02:04 UTC
From: Tony Brignole
Topic: 4729 Message: 4731

Appreciate the reply. I will check it out.

I had it hooked up on ANT 1 with the AT-100Pro. When I used the 756Pro radio tune button I saw the AT-100 tune but I also thought I heard the internal tuner try to tune so I stopped. I had the auto tune and PTT tune shut off in the 756 menu.

The manual is vague and I didn't want to damage the radio.

I have the radio out at Comteck to Kuni Okuma for check out and when I get it back I'll try again. Overall the radio appeared to be working well but it could have been a problem with the radio so I sent it to Kuni to check it over etc.

----- Original Message -----
From: Ken
To: LDG-auto-tuners@yahoogroups.com
Sent: Thursday, April 21, 2011 4:19 AM
Subject: [LDG-auto-tuners] Re: Use of AT-100 Pro with Icom 756 Pro

My info is based on the 756Pro3 ..

I used a LDG Z11PRO on both a Icom 706MKIIG and 756Pro3 with no problems.

When a compatible tuner is connected to the tuner plug, the internal tuner is disabled on [ANT1].

The internal tuner will still work for the antenna connected to [ANT2].

The external tuner MUST BE connected to [ANT1] and should work using the radios tune button, the same as on the 706. (the radio thinks you have attached an AH-4 tuner to [ANT1])

Are you using the right antenna connector? [ANT1]?

AUTOMATIC TUNER START and PTT TUNER START should work with the LDG tuner..

Tuner (Auto Start) = ON
Tuner (PTT Start) = ON or OFF
(I like this on in case I forget to press tune)

73 - Ken - VE5KC
- http://amateur-radio.ca
- http://ham-radio.ca
- http://hamsoft.ca (New MM Hamsoft address)

--- In LDG-auto-tuners@yahoogroups.com, "abrigno1" <abrigno@...> wrote:
>

> I have been using my AT-100 Pro with my Icom 706 MKII G with great success for several years. I hook it up to radio with the interface and use the tune button on the front of the 706 to tune.
>
> I just got a 756 Pro (plain Pro) which has an internal tuner and would like to use the external AT-100 tuner but not sure just how. I have hooked it up with the interface like the 706 and have shut off the internal autotune in the menu and I do not turn on the tune button on the front of the 756 so it stays dark. I have been tuning using the button on the front of the AT-100. I reduce power manually then hit the tune button on the AT-100. Is this the best way??? I was told that doing this cuts back the power automatically and I don't have to reduce the power manually. Also It doesn't appear that there is a way to use the button on the front of the 756 like on the 706.
>
> Any thoughts or help would be appreciated.
>

[Non-text portions of this message have been removed]

4732. Re: SWR indication on AT-200Pro.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-04-21 15:17:34 UTC
From: n8ob
Topic: 4727 Message: 4732

I have seen the same thing on my AT-200Pro and there is an internal pot adjustment but it doesn't seem to make any difference, at least on mine. The pot adjustment was at the stop and going in the opposite direction just made it worse. I'll be anxious to hear an answer.
Bob - N8OB
>

4733. Re: SWR indication on AT-200Pro.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-04-22 15:13:12 UTC
From: kb0naz
Topic: 4727 Message: 4733

I've seen it both ways; The tuner reads 1.5 or less while the swr meter on the rig reads 2.5 and I've seen it the other way around with it reading high on the tuner and perfectly low on the rig meter.

Scott KB0NAZ

--- In LDG-auto-tuners@yahoogroups.com, "n8ob" <bbrown42@...> wrote:
>
>
>
> I have seen the same thing on my AT-200Pro and there is an internal pot adjustment but it doesn't seem to make any difference, at least on mine. The pot adjustment was at the stop and going in the opposite direction just made it worse. I'll be anxious to hear an answer.
> Bob - N8OB
> >
>

4734. Icom 706MKIIG and AT-11

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-04-22 15:16:52 UTC
From: hemwood_lad
Topic: 4734 Message: 4734

Hallo all

Some advice please. Recently pressed into service and old AT-11 (built version) ATU, which is directly tuned from the front panel of the rig. The antenna is a half size G5RV, fed with around 15m of RG213, and hung as an inverted V a few feet clear of the ridge of the house, with the apex at about 30 feet. Using an MFJ antenna analyser am getting acceptable readings mid band on both 40m (1.4:1) and 20m (1.6:1) but unacceptable readings on the other bands between 30m and 12m, but hey thats why you use an ATU. At first glance most of the other bands tune up OK with a green (<1.5)LED. On modulating the signal on several of these other bands the relays operate and the LEDS flash as the ATU attempts to keep tune with modulation. This was unexpected, and makes the setup impossible to use other than on 40, 20 and 10m as previously indicated.

Have had a look through some of the other postings here and am prepared to consider replacing the RG213 with something else if it is thought that helps.

Has anyone else seen this? Suggestions? Feel free to PM me or direct through here.

John G0GCL/KC2ENI

4735. Re: [LDG-auto-tuners] Icom 706MKIIG and AT-11

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-04-22 20:34:10 UTC
From: Leonard K. Pennock
Topic: 4734 Message: 4735

Sounds like you are getting RF back down the Coax. Put a ugly balun at
the transition point between ladder line and Coax. G5RV are noted for
putting RF on the Coax shield.

On 04/22/2011 08:16 AM, hemwood_lad wrote:
> Hallo all
>
> Some advice please. Recently pressed into service and old AT-11 (built version) ATU, which is directly tuned from the front panel of the rig. The antenna is a half size G5RV, fed with around 15m of RG213, and hung as an inverted V a few feet clear of the ridge of the house, with the apex at about 30 feet. Using an MFJ antenna analyser am getting acceptable readings mid band on both 40m (1.4:1) and 20m (1.6:1) but unacceptable readings on the other bands between 30m and 12m, but hey thats why you use an ATU. At first glance most of the other bands tune up OK with a green (<1.5)LED. On modulating the signal on several of these other bands the relays operate and the LEDS flash as the ATU attempts to keep tune with modulation. This was unexpected, and makes the setup impossible to use other than on 40, 20 and 10m as previously indicated.
>
> Have had a look through some of the other postings here and am prepared to consider replacing the RG213 with something else if it is thought that helps.
>
> Has anyone else seen this? Suggestions? Feel free to PM me or direct through here.
>
> John G0GCL/KC2ENI
>
>
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> ------------------------------------
>
> Yahoo! Groups Links
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>

--
Leonard K. Pennock
AD7AS

Those who walk bravely through life, unafraid of loss or failure,
find that they very rarely lose or fail.

4736. Re: Icom 706MKIIG and AT-11

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-04-22 20:43:45 UTC
From: hemwood_lad
Topic: 4734 Message: 4736

1:1 balun I guess?

:-)

--- In LDG-auto-tuners@yahoogroups.com, "Leonard K. Pennock" <leonardpennock@...> wrote:
>
> Sounds like you are getting RF back down the Coax. Put a ugly balun at
> the transition point between ladder line and Coax. G5RV are noted for
> putting RF on the Coax shield.
>
> On 04/22/2011 08:16 AM, hemwood_lad wrote:
> > Hallo all
> >
> > Some advice please. Recently pressed into service and old AT-11 (built version) ATU, which is directly tuned from the front panel of the rig. The antenna is a half size G5RV, fed with around 15m of RG213, and hung as an inverted V a few feet clear of the ridge of the house, with the apex at about 30 feet. Using an MFJ antenna analyser am getting acceptable readings mid band on both 40m (1.4:1) and 20m (1.6:1) but unacceptable readings on the other bands between 30m and 12m, but hey thats why you use an ATU. At first glance most of the other bands tune up OK with a green (<1.5)LED. On modulating the signal on several of these other bands the relays operate and the LEDS flash as the ATU attempts to keep tune with modulation. This was unexpected, and makes the setup impossible to use other than on 40, 20 and 10m as previously indicated.
> >
> > Have had a look through some of the other postings here and am prepared to consider replacing the RG213 with something else if it is thought that helps.
> >
> > Has anyone else seen this? Suggestions? Feel free to PM me or direct through here.
> >
> > John G0GCL/KC2ENI
> >
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> > Yahoo! Groups Links
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>
> --
> Leonard K. Pennock
> AD7AS
>
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> find that they very rarely lose or fail.
>

4737. Re: [LDG-auto-tuners] Re: Icom 706MKIIG and AT-11

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-04-23 00:30:03 UTC
From: Leonard Pennock AD7AS
Topic: 4734 Message: 4737

Correct. About 6 to 10 turns of rg58 on a 2 litre coke bottle size form. Or some ferrites. Anything that keeps rf off the outside of the coax.

hemwood_lad <g0gcl@amsat.org> wrote:

>1:1 balun I guess?
>
>:-)
>
>--- In LDG-auto-tuners@yahoogroups.com, "Leonard K. Pennock" <leonardpennock@...> wrote:
>>
>> Sounds like you are getting RF back down the Coax. Put a ugly balun at
>> the transition point between ladder line and Coax. G5RV are noted for
>> putting RF on the Coax shield.
>>
>> On 04/22/2011 08:16 AM, hemwood_lad wrote:
>> > Hallo all
>> >
>> > Some advice please. Recently pressed into service and old AT-11 (built version) ATU, which is directly tuned from the front panel of the rig. The antenna is a half size G5RV, fed with around 15m of RG213, and hung as an inverted V a few feet clear of the ridge of the house, with the apex at about 30 feet. Using an MFJ antenna analyser am getting acceptable readings mid band on both 40m (1.4:1) and 20m (1.6:1) but unacceptable readings on the other bands between 30m and 12m, but hey thats why you use an ATU. At first glance most of the other bands tune up OK with a green (<1.5)LED. On modulating the signal on several of these other bands the relays operate and the LEDS flash as the ATU attempts to keep tune with modulation. This was unexpected, and makes the setup impossible to use other than on 40, 20 and 10m as previously indicated.
>> >
>> > Have had a look through some of the other postings here and am prepared to consider replacing the RG213 with something else if it is thought that helps.
>> >
>> > Has anyone else seen this? Suggestions? Feel free to PM me or direct through here.
>> >
>> > John G0GCL/KC2ENI
>> >
>> >
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>> > ------------------------------------
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>>

>> --
>> Leonard K. Pennock
>> AD7AS
>>
>> Those who walk bravely through life, unafraid of loss or failure,
>> find that they very rarely lose or fail.
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4739. Re: Icom 706MKIIG and AT-11

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-04-23 08:25:31 UTC
From: hemwood_lad
Topic: 4734 Message: 4739

Thanks Leonard, I have done some checking which backs this up and it sounds like good advice, so I am going to be getting this fixed up, and when its sorted I will PM you to let you know how I got on.

:-)
John G0GCL/KC2ENI

--- In LDG-auto-tuners@yahoogroups.com, Leonard Pennock AD7AS <leonardpennock@...> wrote:
>
> Correct. About 6 to 10 turns of rg58 on a 2 litre coke bottle size form. Or some ferrites. Anything that keeps rf off the outside of the coax.
>
> hemwood_lad <g0gcl@...> wrote:
>
> >1:1 balun I guess?
> >
> >:-)
> >
> >--- In LDG-auto-tuners@yahoogroups.com, "Leonard K. Pennock" <leonardpennock@> wrote:
> >>
> >> Sounds like you are getting RF back down the Coax. Put a ugly balun at
> >> the transition point between ladder line and Coax. G5RV are noted for
> >> putting RF on the Coax shield.
> >>
> >> On 04/22/2011 08:16 AM, hemwood_lad wrote:
> >> > Hallo all
> >> >
> >> > Some advice please. Recently pressed into service and old AT-11 (built version) ATU, which is directly tuned from the front panel of the rig. The antenna is a half size G5RV, fed with around 15m of RG213, and hung as an inverted V a few feet clear of the ridge of the house, with the apex at about 30 feet. Using an MFJ antenna analyser am getting acceptable readings mid band on both 40m (1.4:1) and 20m (1.6:1) but unacceptable readings on the other bands between 30m and 12m, but hey thats why you use an ATU. At first glance most of the other bands tune up OK with a green (<1.5)LED. On modulating the signal on several of these other bands the relays operate and the LEDS flash as the ATU attempts to keep tune with modulation. This was unexpected, and makes the setup impossible to use other than on 40, 20 and 10m as previously indicated.
> >> >
> >> > Have had a look through some of the other postings here and am prepared to consider replacing the RG213 with something else if it is thought that helps.
> >> >
> >> > Has anyone else seen this? Suggestions? Feel free to PM me or direct through here.
> >> >
> >> > John G0GCL/KC2ENI
> >> >

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> >> --
> >> Leonard K. Pennock
> >> AD7AS
> >>
> >> Those who walk bravely through life, unafraid of loss or failure,
> >> find that they very rarely lose or fail.
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4740. LDG AT-100Pro problem

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-04-24 21:34:47 UTC
From: kc9eci
Topic: 4740 Message: 4740

I got this off ebay a year or so ago. The guy selling it seemed to think there was an issue with the interface cable. I'm not so ure he was right. Seems to work OK most of the time, but of late it seems like it just doesn't want to tune anything. If I try a manual tune, I can press and hold L Up or L Dn or the C Up or C Dn and hear it clicking as the LED's move up or down. Should it make the clicking noise all the way through the sequence up or down? It clicks, then stops clicking, the LED's keep moving, and then will click intermittently until it gets to the top or bottom of the scale. Ideas?

4741. How To Reset an AT-897 ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-04-25 18:14:35 UTC
From: jim_bowman_19
Topic: 4741 Message: 4741

It appears my AT-897 is "locked up" on requesting tune to a new frequency.

I have tested repeatedly, on multiple frequencies.
Changed Jumper Coax
Confirmed setup is correct on the FT-897.
Confirmed all cabling is correct.
FT-897 checks good on dummy load and AT-897 does pass RF through, though SWR will be high.

No relay noise noted in AT-897 (it chatters during setup in normal operation).
I get the 5 blink "no RF" signal.

Anyone have experience with this?
Suggestions for a full reset on the AT-897?

Please note this is a NON PLUS AT-897.

W4DFS

4742. Re: LDG AT-100Pro problem

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-04-26 22:16:33 UTC
From: Dwayne
Topic: 4740 Message: 4742

Tom,

That could be a lot of different things and there is no way to tell without looking at it. It could be a couple of bad relays, it could be a bad relay driver chip, it could be a bad processor chip.

Yes, it should click all the way to the top and then back to the bottom.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "kc9eci" <tom@...> wrote:
>
> I got this off ebay a year or so ago. The guy selling it seemed to think there was an issue with the interface cable. I'm not so ure he was right. Seems to work OK most of the time, but of late it seems like it just doesn't want to tune anything. If I try a manual tune, I can press and hold L Up or L Dn or the C Up or C Dn and hear it clicking as the LED's move up or down. Should it make the clicking noise all the way through the sequence up or down? It clicks, then stops clicking, the LED's keep moving, and then will click intermittently until it gets to the top or bottom of the scale. Ideas?
>

4743. Re: How To Reset an AT-897 ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-04-26 22:23:37 UTC
From: Dwayne
Topic: 4741 Message: 4743

Jim,

The AT-897 (plain) does not have a reset other than removing DC power and then applying DC power. The 5 blinks could come from a number of places.

The Y-ACC cable may be bad. You can check the wiring to the diagram on our web site under Products, then Tuner Interface Cables, then Y-ACC.

The Y-ACC could be plugged in backwards, the red end goes to the radio.

You could also have it plugged into the wrong 1/8" jack on the radio. There are three jacks on the back of the radio and the Acc jack is the one closest to the middle of the radio (not the red one).

If all of that fails, try a full reset of the radio (in the radio's manual). Don't forget you will lose all memories when doing the reset.

You did the coax jumper already, so if it's not one of these, it will need to be sent back: http://www.ldgelectronics.com/c/269/tech%20support-warranty

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "jim_bowman_19" <Jim-Bowman@...> wrote:
>
> It appears my AT-897 is "locked up" on requesting tune to a new frequency.
>
> I have tested repeatedly, on multiple frequencies.
> Changed Jumper Coax
> Confirmed setup is correct on the FT-897.
> Confirmed all cabling is correct.
> FT-897 checks good on dummy load and AT-897 does pass RF through, though SWR will be high.
>
> No relay noise noted in AT-897 (it chatters during setup in normal operation).
> I get the 5 blink "no RF" signal.
>
> Anyone have experience with this?
> Suggestions for a full reset on the AT-897?
>
> Please note this is a NON PLUS AT-897.
>
> W4DFS
>

4744. Re: [LDG-auto-tuners] Re: LDG AT-100Pro problem

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-04-27 00:09:16 UTC
From: Tom Peterson
Topic: 4740 Message: 4744

Dwayne

Thanks for the reply. I was starting to wonder if anyone was reading
this list. I guess I will look up the information on returning a unit
for service on the website and get it mailed off.
73
Tom

On 4/26/2011 5:16 PM, Dwayne wrote:
> Tom,
>
> That could be a lot of different things and there is no way to tell without looking at it. It could be a couple of bad relays, it could be a bad relay driver chip, it could be a bad processor chip.
>
> Yes, it should click all the way to the top and then back to the bottom.
>
> Dwayne Kincaid
> LDG

4745. Re: [LDG-auto-tuners] Re: LDG AT-100Pro problem

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-04-27 01:32:46 UTC
From: Sarge 43
Topic: 4740 Message: 4745

are you sure there is nothing wrong at the coax or antenna? Mine was acting like that. Turned it was because I was stupid enough to put some loc tite on the antenna. LOL!

> Dwayne
>
> Thanks for the reply. I was starting to wonder if anyone was reading
> this list. I guess I will look up the information on returning a unit
> for service on the website and get it mailed off.
> 73
> Tom
>
> On 4/26/2011 5:16 PM, Dwayne wrote:
>> Tom,
>>
>> That could be a lot of different things and there is no way to tell
>> without looking at it. It could be a couple of bad relays, it could be a
>> bad relay driver chip, it could be a bad processor chip.
>>
>> Yes, it should click all the way to the top and then back to the bottom.
>>
>> Dwayne Kincaid
>> LDG
>
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> ------------------------------------
>
> Yahoo! Groups Links
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>

4746. Re: How To Reset an AT-897 ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-04-27 03:39:53 UTC
From: jim_bowman_19
Topic: 4741 Message: 4746

Problem resolved...
First to Will 2E0WHN.
THANK YOU for firmly toggling me to post me in the LDG users site.
I posted here, then a few minutes later dropped a note to LDG on their website.

Two hours later a tech contacted me at my office, patiently made me write several things down and told me to let him know the results.

Let me point out, LDG seems bent on customer service. I was stunned at the candor, patience and depth of input from them.

Oh if my iPhone service provider acted a 10th this interested.

Now for solutions:
HARD reset of FT-897 actually cured this
BUT, make sure on the non plus model:
RED stereo plug to FT-897 ACC
Black Stereo plug to AT-897 OTT
(note that one has hot tip, the other hot sleeve. if you reverse these two you are dead in the water.)

Make sure the FT-897 CAT jack has the ROUND shaped connector
The "D" shaped connector goes to the AT-897 CAT IN

Now, let me remind you, in case it isn't clear, I'll be buying LDG products every chance I get
Jim
W4DFS

--- In LDG-auto-tuners@yahoogroups.com, "jim_bowman_19" <Jim-Bowman@...> wrote:
>
> It appears my AT-897 is "locked up" on requesting tune to a new frequency.
>
> I have tested repeatedly, on multiple frequencies.
> Changed Jumper Coax
> Confirmed setup is correct on the FT-897.
> Confirmed all cabling is correct.
> FT-897 checks good on dummy load and AT-897 does pass RF through, though SWR will be high.
>
> No relay noise noted in AT-897 (it chatters during setup in normal operation).
> I get the 5 blink "no RF" signal.
>
> Anyone have experience with this?
> Suggestions for a full reset on the AT-897?
>
> Please note this is a NON PLUS AT-897.

>
> W4DFS
>

4747. Yaesu FT-950 and RT-11 Remote

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-05-01 23:49:19 UTC
From: losttoy2000
Topic: 4747 Message: 4747

Hi,

I have a Yaesu FT-950 and bought a used RT-11 auto-tuner with remote. Wondering how to connect FT-950's 8-pin tuner out to RT-11 remote's stereo-like input? Which three of the 8 pins go to RT-11 and in what order?

Thanks.

4748. LDG Z-100

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-05-04 01:58:20 UTC
From: Art
Topic: 19 Message: 4748

I got in a hurry when installing the IC-706 and Z-100 in my vehical and pluged the antenna coax into the radio connector and the radio conncetor in the antenna. Could I have damaged the Z-100 ? and if so ,can it be fixed at home ,or do I have to send it in ?
Thanks,
Art

4749. Re: LDG Z-100

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-05-04 04:01:33 UTC
From: Dwayne
Topic: 19 Message: 4749

Art,

Probably no damage was done. If it's hooked up backwards and tries to tune, it will simply find the "worst" SWR. In that case the radio would fold back the RF power to it's lowest level to protect its self.

Turn it around and try it the correct way and it will probably work fine.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "Art" <ka7gtp@...> wrote:
>
> I got in a hurry when installing the IC-706 and Z-100 in my vehical and pluged the antenna coax into the radio connector and the radio conncetor in the antenna. Could I have damaged the Z-100 ? and if so ,can it be fixed at home ,or do I have to send it in ?
> Thanks,
> Art
>

4750. Re: [LDG-auto-tuners] Re: LDG Z-100

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-05-04 15:27:12 UTC
From: Art galvz
Topic: 19 Message: 4750

I turned it off,connected it the right way, turned on the IC-706,keyed the mic,and the tuner did it's small "chatter",and it 's working like nothing happed ! Super little tuner !
 How many other products on the market can say that !
Thank You LDG,
Art

From: Dwayne <ldgyahoo@ldgelectronics.com>
To: LDG-auto-tuners@yahoogroups.com
Sent: Tuesday, May 3, 2011 9:01 PM
Subject: Re: [LDG-auto-tuners] Re: LDG Z-100

Art,

Probably no damage was done. If it's hooked up backwards and tries to tune, it will simply find the "worst" SWR. In that case the radio would fold back the RF power to it's lowest level to protect its self.

Turn it around and try it the correct way and it will probably work fine.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "Art" <ka7gtp@...> wrote:
>
> I got in a hurry when installing the IC-706 and Z-100 in my vehical and pluged the antenna coax into the radio connector and the radio conncetor in the antenna. Could I have damaged the Z-100 ? and if so ,can it be fixed at home ,or do I have to send it in ?
> Thanks,
> Art
>

[Non-text portions of this message have been removed]

4751. LDG AT-600Pro - Really Noisy

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-05-09 01:17:17 UTC
From: doc@kd4e.com
Topic: 4751 Message: 4751

Should my AT-600Pro really sound like a coffee grinder
when it is tuning a new band/frequency?

I don't recall other units I have owned in the past
being quite this loud. Is it because of the power-
handling capacity or should I be concerned?

I bought this unit used.

--

Thanks! & 73, KD4E
David Colburn http://kd4e.com
Have an http://ultrafidian.com day
I don't google I SEARCH! Startpage.com
Shop Freedom-Friendly http://kd4e.com/of.html

4752. AT-1000PRO in remote position?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-05-06 15:59:25 UTC
From: Rob
Topic: 4752 Message: 4752

I've just joined this group.

At present I use a cg5000 remote auto atu at the end of my garden to feed a 40m end fed wire.

Could I fit an AT-1000PRO in a weather box on the end of a 30m length of coax with mains supplied?

I think this combination would handle more power than the cg5000

Replies much appreciated

73 Rob G3RCE

4753. Re: LDG AT-600Pro - Really Noisy

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-05-09 12:44:42 UTC
From: Murf
Topic: 4751 Message: 4753

they are noisy.. I have put a heavy cloth or towel under mine, and my 1000pro. Helps reduce the noise.
73 Murf

--- In LDG-auto-tuners@yahoogroups.com, "doc@..." <doc@...> wrote:
>
> Should my AT-600Pro really sound like a coffee grinder
> when it is tuning a new band/frequency?
>
> I don't recall other units I have owned in the past
> being quite this loud. Is it because of the power-
> handling capacity or should I be concerned?
>
> I bought this unit used.
>
> --
>
> Thanks! & 73, KD4E
> David Colburn http://kd4e.com
> Have an http://ultrafidian.com day
> I don't google I SEARCH! Startpage.com
> Shop Freedom-Friendly http://kd4e.com/of.html
>

4754. LDG z 100 Plus and Kenwood Ts480 HX

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-05-09 20:02:36 UTC
From: Ranjith
Topic: 4754 Message: 4754

Hi

Is it possible to use the Z100 plus with the TS480 HX running less than 100 watts ?

73

Jith
VU2XMN

4755. Re: [LDG-auto-tuners] LDG AT-600Pro - Really Noisy

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-05-09 02:39:14 UTC
From: Jimmy (WB8NBI)
Topic: 4751 Message: 4755

Bigger relays more noise.

73 Jimmy (WB8NBI)

From: doc@...
Sent: Sunday, May 08, 2011 9:17 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] LDG AT-600Pro - Really Noisy

Should my AT-600Pro really sound like a coffee grinder
when it is tuning a new band/frequency?

I don't recall other units I have owned in the past
being quite this loud. Is it because of the power-
handling capacity or should I be concerned?

I bought this unit used.

--

Thanks! & 73, KD4E
David Colburn http://kd4e.com
Have an http://ultrafidian.com day
I don't google I SEARCH! Startpage.com
Shop Freedom-Friendly http://kd4e.com/of.html

[Non-text portions of this message have been removed]

4756. Re: [LDG-auto-tuners] LDG z 100 Plus and Kenwood Ts480 HX

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-05-10 00:11:07 UTC
From: vu3mes
Topic: 4754 Message: 4756

It is possible provided u hve the right interface cable nd u r less
then 200 wts.

Vu3mes

On 5/10/11, Ranjith <vu2xmn@...> wrote:
> Hi
>
> Is it possible to use the Z100 plus with the TS480 HX running less than 100
> watts ?
>
> 73
>
> Jith
> VU2XMN
>
>

--
Sent from my mobile device

73s de vu3mes satyan sarath qth link -
http://www.findu.com/cgi-bin/find.cgi?call=vu3mes
www.qrz.com/callsign/vu3mes www.chennaihams.blogspot.com
www.satyansarath.param.mobi [mobile webpage]
**** ham radio - one language - one world ****

4757. Re: LDG AT-600Pro - Really Noisy

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-05-10 14:31:01 UTC
From: doc@kd4e.com
Topic: 4751 Message: 4757

OK re. larger relays = louder noise.

Felt pads under the feet, between the tuner and rig on top
of it, and perhaps some sound-deadening material inside
the case may help?

Perhaps it is functioning as a speaker, transmitting the noise
into solid surfaces around it?

Is there a way to mount the relays on felt pads and to enclose
the relay section of the tuner with sound-deadening material?

Is heat management a problem?

--

Thanks!& 73, KD4E
David Colburn http://kd4e.com
Have an http://ultrafidian.com day
I don't google I SEARCH! Startpage.com
Shop Freedom-Friendly http://kd4e.com/of.html

4758. AT 100 proll

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-05-10 18:54:10 UTC
From: sarge43@att.net
Topic: 4758 Message: 4758

mine stopped tuning for me for some reason. Checked out everything I could and no luck. Called LDG and tech support called me back and told me to send it in. I'll let everyone know how it turns out.

Sarge W5SRG

4759. Re: [LDG-auto-tuners] Re: LDG AT-600Pro - Really Noisy

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-05-10 16:48:30 UTC
From: racer
Topic: 4751 Message: 4759

Hear if what I do/did with my AT-200Pro and the AT 1000Pro
Pick a time when the band you would like to tune is dead I.E. 15 meter at night.
Pick the antenna you are going to use,
Now pick a spot on the band your going to work.
Let the tuner tune at that spot. Move up the band a ways so that the tuner will need to tune again and let the tuner fund that spot as well.
Do this at several spots on each band and with each antenna you will be using.
The next time you tune there is is just a click away.
simple and so fast you will hardly even know it tuned.
Hope this helps.
It works great and saves so much time when your chasing a contact.

Marv
N0FJP

From: doc@...
Sent: Tuesday, May 10, 2011 09:31 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: LDG AT-600Pro - Really Noisy

OK re. larger relays = louder noise.

Felt pads under the feet, between the tuner and rig on top
of it, and perhaps some sound-deadening material inside
the case may help?

Perhaps it is functioning as a speaker, transmitting the noise
into solid surfaces around it?

Is there a way to mount the relays on felt pads and to enclose
the relay section of the tuner with sound-deadening material?

Is heat management a problem?

--

Thanks!& 73, KD4E
David Colburn http://kd4e.com
Have an http://ultrafidian.com day
I don't google I SEARCH! Startpage.com
Shop Freedom-Friendly http://kd4e.com/of.html

[Non-text portions of this message have been removed]

4760. bypass

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-05-12 14:53:21 UTC
From: waldropgeorge
Topic: 4760 Message: 4760

when i go to antenna 1 to antenna 2 the bypass light stays on when i am on antenna 2 is this normal? or how do you get it off bypass i have the at-100pro11

4761. z11-pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-05-14 18:17:05 UTC
From: aa5fr
Topic: 4761 Message: 4761

Dumb question: after tuning, if the yellow and red LEDs are both lit, does this imply a SWR of between 2 and 3? It's been a while since I used it and this isn't in the manual (that I can find.)

TIA
Robert

4762. Re: [LDG-auto-tuners] z11-pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-05-14 18:38:57 UTC
From: Jim Wright
Topic: 4761 Message: 4762

Your assumption is correct, Robert It's on page 15 of my manual under *Tuning Status / Error Indication.*
*
*
***-jim KS4O
*
On Sat, May 14, 2011 at 2:17 PM, aa5fr <robert@...> wrote:

>
>
> Dumb question: after tuning, if the yellow and red LEDs are both lit, does
> this imply a SWR of between 2 and 3? It's been a while since I used it and
> this isn't in the manual (that I can find.)
>
> TIA
> Robert
>
>
>

[Non-text portions of this message have been removed]

4763. Re: z11-pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-05-14 22:02:57 UTC
From: aa5fr
Topic: 4761 Message: 4763

hi jim,

page 15 of my z11 pro manual is the command reference....don't see a section called tuning status / error indication...am i missing something?

robert

--- In LDG-auto-tuners@yahoogroups.com, Jim Wright <ham.ks4o@...> wrote:
>
> Your assumption is correct, Robert It's on page 15 of my manual under *Tuning
> Status / Error Indication.*
> *
> *
> ***-jim KS4O
> *
> On Sat, May 14, 2011 at 2:17 PM, aa5fr <robert@...> wrote:
>
> >
> >
> > Dumb question: after tuning, if the yellow and red LEDs are both lit, does
> > this imply a SWR of between 2 and 3? It's been a while since I used it and
> > this isn't in the manual (that I can find.)
> >
> > TIA
> > Robert
> >
> >
> >
>
>
> [Non-text portions of this message have been removed]
>

4764. Re: [LDG-auto-tuners] Re: z11-pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-05-14 22:30:28 UTC
From: Jim Wright
Topic: 4761 Message: 4764

Robert -

Take a look at the attached PDF. I'm not sure what the version is, but
that's the one I looked at. It's the Pro II manual, but that function
should be the same.

-jim

On Sat, May 14, 2011 at 6:02 PM, aa5fr <robert@...> wrote:

>
>
> hi jim,
>
> page 15 of my z11 pro manual is the command reference....don't see a
> section called tuning status / error indication...am i missing something?
>
> robert
>
>
> --- In LDG-auto-tuners@yahoogroups.com, Jim Wright <ham.ks4o@...> wrote:
> >
> > Your assumption is correct, Robert It's on page 15 of my manual under
> *Tuning
> > Status / Error Indication.*
> > *
> > *
> > ***-jim KS4O
> > *
> > On Sat, May 14, 2011 at 2:17 PM, aa5fr <robert@...> wrote:
> >
> > >
> > >
> > > Dumb question: after tuning, if the yellow and red LEDs are both lit,
> does
> > > this imply a SWR of between 2 and 3? It's been a while since I used it
> and
> > > this isn't in the manual (that I can find.)
> > >
> > > TIA
> > > Robert
> > >
> > >
> > >
> > >
> >
> >

> > [Non-text portions of this message have been removed]
> >
>
>
>

[Non-text portions of this message have been removed]

4765. Re: [LDG-auto-tuners] Re: z11-pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-05-14 22:22:34 UTC
From: Jerry Wright
Topic: 4761 Message: 4765

Robert,

I believe the two of you are looking at two different versions of the manual. I think you're looking at "1.0," and Jim is looking at "Revision B." I found both via Google.

73,

Jerry Wright
K6GVW

On Sat, May 14, 2011 at 3:02 PM, aa5fr <robert@...> wrote:

>
>
> hi jim,
>
> page 15 of my z11 pro manual is the command reference....don't see a
> section called tuning status / error indication...am i missing something?
>
> robert
>
> --- In LDG-auto-tuners@yahoogroups.com, Jim Wright <ham.ks4o@...> wrote:
> >
> > Your assumption is correct, Robert It's on page 15 of my manual under
> *Tuning
> > Status / Error Indication.*
> > *
> > *
> > ***-jim KS4O
> > *
> > On Sat, May 14, 2011 at 2:17 PM, aa5fr <robert@...> wrote:
> >
> >
> > >
> > >
> > > Dumb question: after tuning, if the yellow and red LEDs are both lit,
> does
> > > this imply a SWR of between 2 and 3? It's been a while since I used it
> and
> > > this isn't in the manual (that I can find.)
> > >
> > > TIA
> > > Robert
> > >
> > >
> > >

> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>
>

[Non-text portions of this message have been removed]

4766. Re: z11-pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-05-15 03:48:25 UTC
From: aa5fr
Topic: 4761 Message: 4766

Yep...got the Version 2 manual...and it is crystal clear....thanks to all for the help!

--- In LDG-auto-tuners@yahoogroups.com, "aa5fr" <robert@...> wrote:
>
> Dumb question: after tuning, if the yellow and red LEDs are both lit, does this imply a SWR of between 2 and 3? It's been a while since I used it and this isn't in the manual (that I can find.)
>
> TIA
> Robert
>

4767. Re: Z11 Pro/Pro II Manuals [was, Re: z11-pro]

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-05-15 23:59:58 UTC
From: Jack
Topic: 4767 Message: 4767

It's also nice if they are actual working links (sorry):

LDG Z-11 Pro Automatic Antenna Tuner Manual, Version 1.0
http://www.thiecom.com/ftp/ldg/z-11%20pro%20manual.pdf

LDG Z-11 Pro II 100-Watt Automatic Tuner, MANUAL REV B
http://www.ldgelectronics.com/assets/manuals/Z-11ProIIManual.pdf

Jack, W9ATP

4768. Z11 Pro/Pro II Manuals [was, Re: z11-pro]

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-05-15 23:55:45 UTC
From: Jack
Topic: 4761 Message: 4768

When we mention an info source, it's appreciated if we also include a link, or the URL, because some of them are hard to find, though these were easy enough:

LDG Z-11 Pro Automatic Antenna Tuner Manual, Version 1.0
LDG Z-11 Pro Manual.pdf

LDG Z-11 Pro II 100-Watt Automatic Tuner, MANUAL REV B
LDG Z-11 Pro II Manual.pdf

Jack, W9ATP

4769. LDG manuals - readially available..

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-05-18 07:58:12 UTC
From: Ken
Topic: 4769 Message: 4769

For those who use the LDG Yahoo Group site, the link to manuals it on the main page when you log in.

http://www.ldgelectronics.com/c/261/product-manuals

Manuals for discontinued products are also available from a link at the bottom of that page:

To view the manuals of discontinued products Click Here

Which goes here:

http://www.ldgelectronics.com/c/262/discontinued-product-manuals

73 - Ken - VE5KC
- http://amateur-radio.ca
- http://ham-radio.ca
- http://hamsoft.ca

4770. ldg at-200pro II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-05-20 02:03:11 UTC
From: ka2uzo
Topic: 4770 Message: 4770

I see a ldg at-200pro-II advertised at HRO. How does that differ from the ldg at-200pro?

4771. Re: ldg at-200pro II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-05-21 04:27:49 UTC
From: mlicht103
Topic: 4770 Message: 4771

I did some searching and found..."The AT-200ProII is nearly identical to the AT-200Pro, but adds an LED for determining when the tuner is in bypass and another LED to tell the antenna selection." So basically it is the same tuner with 2 more LEDs. 73 Mike KF6KXG

--- In LDG-auto-tuners@yahoogroups.com, "ka2uzo" <LoopBack@...> wrote:
>
> I see a ldg at-200pro-II advertised at HRO. How does that differ from the ldg at-200pro?
>

4772. Re: ldg at-200pro II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-05-24 13:51:43 UTC
From: ka2uzo
Topic: 4770 Message: 4772

Thanks for the reply. I see that LDG website now has the AT-ProII on their website. I plan on using this with an Icom IC-7000, over the IT-100 because I just like having indicators that show me the SWR and Power reading. I believe the AT-ProII will be able to draw power from the IC-7000, and should tune using the IC-7000 tune button. Am I right on these assumptions?
Richie ka2uzo

--- In LDG-auto-tuners@yahoogroups.com, "mlicht103" <mlicht103@...> wrote:
>
> I did some searching and found..."The AT-200ProII is nearly identical to the AT-200Pro, but adds an LED for determining when the tuner is in bypass and another LED to tell the antenna selection." So basically it is the same tuner with 2 more LEDs. 73 Mike KF6KXG
>
> --- In LDG-auto-tuners@yahoogroups.com, "ka2uzo" <LoopBack@> wrote:
> >
> > I see a ldg at-200pro-II advertised at HRO. How does that differ from the ldg at-200pro?
> >
>

4773. YT-450 CAT Problems

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-05-25 03:44:19 UTC
From: Brian
Topic: 4773 Message: 4773

My FT-950 works under CAT control with pretty much any program (PCC-950, HRD, etc.) but when the YT-450 is inserted bewteen the two (serial interface) the CAT porgrams all work very poorly or not at all. My setting are CAT BPS: 384H, CAT TOT: 100, CAT RTS: on.

Also sometimes after tuning, the FT-950 doesn't return to the same mode.

I purchased the FT-950 and the YT-450 new from HRO in the last three months.

Any ideas?

Brian
KB1VBF

4774. LDG-200Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-05-25 11:32:26 UTC
From: JEAN VANDERHIDER
Topic: 4774 Message: 4774

I ran a 200Pro for about a year with my IC7000 without issue. It does work exactly as you have indicated, the only reason I'm not still using it is because I added an amplifier to the station and needed more power handling capacity. That being said, when I upgraded the power, I stuck with LDG! I'm now using the LDG-1000Pro which is also a great piece of equipment. I don't believe you can go wrong with your selection. Have fun!
Bill - W5WDV

[Non-text portions of this message have been removed]

4775. AT-100PROII problems

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-05-29 17:18:52 UTC
From: cam55orange
Topic: 4775 Message: 4775

I may be having tuner problems or possibly antenna/feed problems. I am using a 40 meter style Windom, hung too low (20 ft') thu a 4:1 balun.

The tuner seems to be selecting High Z when Low Z is best. I can improve the SWR manually from 2:1 to a near perfect match. I also notice that the SWR reads much better on the tuner at low power (under 10 watts). As soon as I up the power retuning starts. This all seems to happen on all bands except 20m and 40m.

Does all this sound like tuner problems or is something else likely to be going on?

Also,is there a way on the AT-100PROII to retuunt to factory defaults?

Thanks,

bill - AB6OR

4776. Z-11 Pro problem

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-05-29 18:03:37 UTC
From: Jurek
Topic: 4775 Message: 4776

Hallo,
I am sorry my English.

I connected my IC-718 to my Z-11 Pro. My trx was "ON" 13.8 V. I did crash. Next my Z-11 Pro do not tunning my w3dzz above 15 MHz.
What hapened?
Jurek

4777. new radio means new interface wanted

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-05-30 17:57:37 UTC
From: big_al_from_wigan
Topic: 4777 Message: 4777

Hi,

I am using a Z11 autotuner and have just bought a Kenwood TS680S.

I would like to interface this radio to the tuner so if anybody can point me to a website with info on making my own interface or somebody selling one, I would be very grateful.

Regards

Alan

4778. IT-100 no tune from radio

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-05-31 21:17:47 UTC
From: Bill
Topic: 4778 Message: 4778

I have an IT-100 that I use with my IC-706M2G and it has worked great until last week when it stopped tuning with the radio tune button. I can still get it to tune using the button on the tuner but I use this mobile and it is mounted in the rear of the car where I can't push the button on the tuner. The interface cable checks fine all the way to inside the rig. Any ideas?

I bought this tuner in August 2009 so it's still under warranty but the receipt was lost when we moved last year. Has anyone had any luck getting LDG to honor the warranty without a receipt?

73 Bill NZ0T

4779. LDG-200PRO loss of signal

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-06-02 13:50:22 UTC
From: k2lrv
Topic: 4779 Message: 4779

Hello,

I have had an LDG-200PRO for several years, and it works perfect, well at least I thought it did. I have had it hooked up to my IC-718, and currently it is inline with an older R-7 vertical, I had always used it with a ladder line doublet through LDGs balun. I recently picked up an older TenTec Omni-D series B radio. These have a resonant tank circuit on the input that has to be adjusted to peak the receive signal. With the tuner in line, and after a quick tune, I try to peak the receive, and I cannot hear any increase in signa strength. When I power off the tuner, I can easily hear a peak by the increase noise. I have some more things to try out, like to an A/B comparison of an actual station with the tuner in line to see if there is a defference, but I am wondering is something may be wrong with my tuner. I am a pretty casual operator, and the tuner has not really been abused. Any thoughts?

Thanks,

Lou
K2LRV

4780. Re: LDG-200PRO loss of signal

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-06-03 13:05:11 UTC
From: rmbmobile
Topic: 4779 Message: 4780

Lou,
I'm not sure this is related but here goes.

I also have an LDG-200Pro that I purchased new within the last few months. The antenna is a G5RV jr. My radio is a Yaesu FT-950. I have an RFSpace IF-2000 board installed in the FT-950 and that is attached to an RFSpace SDR-IQ. I primarily use the RFSpace equipment for a panadaptor display.

If the SDR-IQ and it's software, Spectravue, are not turned on/operating, the LDG works fine. However, if I transmit when the SDR-IQ and Spectravue are running, the SDR-IQ shuts down and the received signal on the FT-950 drops way down, both volume and "S" units. If I then turn off the LDG, the signal goes back up to where it was. If I do a reset on the LDG, receive strength goes back to normal. Of course I then must retune.

The FT-950's internal tuner will match the antenna on some frequencies. I have found that the RFSPace and FT-950 play well together if I'm using the internal tuner and not using the LDG.

Perhaps the RFSpace equipment "loads" the LDG in a similar way to your TenTec. You might do a reset on the LDG to see if that sets things back to normal.

Ron de KK4AMY

--- In LDG-auto-tuners@yahoogroups.com, "k2lrv" <k2lrv@...> wrote:
>
> Hello,
>
> I have had an LDG-200PRO for several years, and it works perfect, well at least I thought it did. I have had it hooked up to my IC-718, and currently it is inline with an older R-7 vertical, I had always used it with a ladder line doublet through LDGs balun. I recently picked up an older TenTec Omni-D series B radio. These have a resonant tank circuit on the input that has to be adjusted to peak the receive signal. With the tuner in line, and after a quick tune, I try to peak the receive, and I cannot hear any increase in signa strength. When I power off the tuner, I can easily hear a peak by the increase noise. I have some more things to try out, like to an A/B comparison of an actual station with the tuner in line to see if there is a defference, but I am wondering is something may be wrong with my tuner. I am a pretty casual operator, and the tuner has not really been abused. Any thoughts?
>
> Thanks,
>
> Lou
> K2LRV
>

4781. Adapting an Z-100 to an Icom 718

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-06-04 00:04:44 UTC
From: KE5LIB
Topic: 4781 Message: 4781

Hello all.

I found this group from the LDG website. Since upgrading to General, I have bought an Icom 718 and a LDG Z-100 auto tuner. From the LDG site I was able to get a .pdf copy of its manual. It shows a photo of an Icom 706 with an adapter cable that allows the use of the Z-100. It takes the power and data from the four conductor Molex connector on the rear of the 706, passes it through a DB-9 to DB-9 mateup and terminates into the power connector, a 2.5 mm x 5 mm plug, and a stereo 1/8" for the radio interface.

While the DB-9 to DB-9 is nice, it seems a bit "longhand". The Z-100 came with its power cord, and I have a Molex plug for the radio. So, that takes 2 of the 4 terminals in the Molex out of the equation (the red and the black), and from the pic of the 706 I can figure out where the other two should go, and I have some white/green zip just for those two, like in the pic. My question is: Using white and green for the data, which connects where on a stereo 1/8" plug? Since the Molex outputs on the 706 and the 718 are the same, that's one end done.

Thanks for any help with this, and I hope I get to meet you all on the air one day soon.

73 de KE5LIB!!

Mark

4782. Re: IT-100 no tune from radio

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-06-07 19:10:56 UTC
From: Dwayne
Topic: 4778 Message: 4782

Bill,

Have you tried a full reset on the radio? You will lose the memories in the radio, but sometimes that fixes strange problems.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "Bill" <nz0tham@...> wrote:
>
> I have an IT-100 that I use with my IC-706M2G and it has worked great until last week when it stopped tuning with the radio tune button. I can still get it to tune using the button on the tuner but I use this mobile and it is mounted in the rear of the car where I can't push the button on the tuner. The interface cable checks fine all the way to inside the rig. Any ideas?
>
> I bought this tuner in August 2009 so it's still under warranty but the receipt was lost when we moved last year. Has anyone had any luck getting LDG to honor the warranty without a receipt?
>
> 73 Bill NZ0T
>

4783. Re: Adapting an Z-100 to an Icom 718

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-06-07 19:17:53 UTC
From: Dwayne
Topic: 4781 Message: 4783

Mark,

From the main LDG site, click products on the left side, then tuner interface cables, then IC-PAC. Then click the specifications tab. On that page will be a link to a jpg file that has the wiring information.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "KE5LIB" <dieselheart001@...> wrote:
>
> Hello all.
>
> I found this group from the LDG website. Since
> upgrading to General, I have bought an Icom 718
> and a LDG Z-100 auto tuner. From the LDG site I
> was able to get a .pdf copy of its manual. It
> shows a photo of an Icom 706 with an adapter cable
> that allows the use of the Z-100. It takes the power
> and data from the four conductor Molex connector on
> the rear of the 706, passes it through a DB-9 to DB-9
> mateup and terminates into the power connector, a 2.5
> mm x 5 mm plug, and a stereo 1/8" for the radio interface.
>
> While the DB-9 to DB-9 is nice, it seems a bit "longhand".
> The Z-100 came with its power cord, and I have a Molex plug
> for the radio. So, that takes 2 of the 4 terminals in the
> Molex out of the equation (the red and the black), and from
> the pic of the 706 I can figure out where the other two
> should go, and I have some white/green zip just for those two,
> like in the pic. My question is: Using white and green for the
> data, which connects where on a stereo 1/8" plug? Since the
> Molex outputs on the 706 and the 718 are the same, that's one
> end done.
>
> Thanks for any help with this, and I hope I get to meet you all
> on the air one day soon.
>
> 73 de KE5LIB!!
>
> Mark
>

4784. Re: IT-100 no tune from radio

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-06-08 02:29:31 UTC
From: Bill
Topic: 4778 Message: 4784

Dwayne,

That may be worth a try though I hate to loose the memories. And now the tuner doesn't seem to be working correctly using the front panel tune button on the tuner.

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
> Bill,
>
> Have you tried a full reset on the radio? You will lose the memories in the radio, but sometimes that fixes strange problems.
>
> Dwayne Kincaid
> LDG
>
> --- In LDG-auto-tuners@yahoogroups.com, "Bill" <nz0tham@> wrote:
> >
> > I have an IT-100 that I use with my IC-706M2G and it has worked great until last week when it stopped tuning with the radio tune button. I can still get it to tune using the button on the tuner but I use this mobile and it is mounted in the rear of the car where I can't push the button on the tuner. The interface cable checks fine all the way to inside the rig. Any ideas?
> >
> > I bought this tuner in August 2009 so it's still under warranty but the receipt was lost when we moved last year. Has anyone had any luck getting LDG to honor the warranty without a receipt?
> >
> > 73 Bill NZ0T
> >
>

4785. Problems with KT-100 and TS-480SAT

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-06-08 11:38:57 UTC
From: dl7det
Topic: 4785 Message: 4785

Hi Everyone !

I have a problem with the combination KT-100 and TS-480SAT.
Running the whole system with a G5RV there is a strange behaviour.

Tuning runs fine - the SWR is OK => about 1:1.5 or less...

When keying the transmitter with 100 Watts, suddenly the KT-100 retunes again and then I get a SWR with about 1:3 or higher....

I think about some heavy sheath current on the coax, taking the KT-100 to retune. So I think about a current-balun with 1:1.

Will this help ?

Can I use the RBA-1:1 (current balun) ???

Thank in advance....

Greetings an 73 from Germany

DL7DET (Detlef)

4786. Re: IT-100 no tune from radio

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-06-08 12:47:18 UTC
From: traburgess1945
Topic: 4778 Message: 4786

Bill,

If you bought the tuner online, you may be able to get a copy of the receipt from the vendor. Also, a copy of the e-mail confirmation of the order may work.

Travis
K5HTB

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
> Bill,
>
> Have you tried a full reset on the radio? You will lose the memories in the radio, but sometimes that fixes strange problems.
>
> Dwayne Kincaid
> LDG
>
> --- In LDG-auto-tuners@yahoogroups.com, "Bill" <nz0tham@> wrote:
> >
> > I have an IT-100 that I use with my IC-706M2G and it has worked great until last week when it stopped tuning with the radio tune button. I can still get it to tune using the button on the tuner but I use this mobile and it is mounted in the rear of the car where I can't push the button on the tuner. The interface cable checks fine all the way to inside the rig. Any ideas?
> >
> > I bought this tuner in August 2009 so it's still under warranty but the receipt was lost when we moved last year. Has anyone had any luck getting LDG to honor the warranty without a receipt?
> >
> > 73 Bill NZ0T
> >
>

4787. Re: Problems with KT-100 and TS-480SAT

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-06-08 13:02:53 UTC
From: Andrew
Topic: 4785 Message: 4787

Guten Tag, Detlef!

I had a similar problem with my KT-100 where it would go into bypass mode by itself on some bands. It was caused by RFI and I fixed it with a line isolator (coax choke) just before the tuner on the antenna feedline.

A balun might work as well, but I couldn't get to my antenna to install one, so I tried the line isolator first.

Hope you can solve the problem easily!
Andrew - KD5FHW

--- In LDG-auto-tuners@yahoogroups.com, "dl7det" <dl7det@...> wrote:
>
> Hi Everyone !
>
> I have a problem with the combination KT-100 and TS-480SAT.
> Running the whole system with a G5RV there is a strange behaviour.
>
> Tuning runs fine - the SWR is OK => about 1:1.5 or less...
>
> When keying the transmitter with 100 Watts, suddenly the KT-100 retunes again and then I get a SWR with about 1:3 or higher....
>
> I think about some heavy sheath current on the coax, taking the KT-100 to retune. So I think about a current-balun with 1:1.
>
> Will this help ?
>
> Can I use the RBA-1:1 (current balun) ???
>
> Thank in advance....
>
> Greetings an 73 from Germany
>
> DL7DET (Detlef)
>

4788. Re: What is my new KT-100 doing?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-06-08 13:08:53 UTC
From: Andrew
Topic: 4467 Message: 4788

After being off the air for many months I decided to get back on and figure out the tuner problem. Turns out it was RFI and I fixed it with a line isolator (coax choke) on the feed line just before the tuner. The tuner works well on all bands now.

Andrew - KD5FHW

--- In LDG-auto-tuners@yahoogroups.com, "Andrew" <f41driver@...> wrote:
>
> I purchased a new KT-100 antenna tuner yesterday. I got it all hooked up properly and used it to tune across 20 meters and it worked fine. On 10 meters, however, it wouldn't tune up on a frequency my TS-2000's internal tuner can tune, instead the red "Tuning" led flashes three times after the green "SWR" led goes out. Then I tried 12 and 15 meters and it does the same thing, flashing the red "Tuning" led three times after the green "SWR" led goes out. I tried 17 meters and it seemed to tune, but then it kept trying to tune while flashing between the red "Tuning" led and the green "SWR" led. I again tuned up across 20 meters with no problem, 40 meters, no problem, 60 meters, no problem, 75 meters, no problem, but on 160 meters it will not tune any better than my internal tuner, rather blinking the red "Tuning" led twice after a tuning cycle when it cannot tune up on a frequency.
>
> Is my tuner working as designed? I've used my TS-2000's internal tuner to tune across the 28MHz portion of the 10 meter band, the entire 15 and 40 meter bands, as well as portions of 17, 20, 75 and 160 meters. The only benefit I can see from this tuner is the ability to cover the entire 20, 60 and 75 meter bands, but then I lose the ability to tune 10, 15 and 17 meters.
>
> Andrew Sommers
> KD5FHW
>

4789. Re: IT-100 no tune from radio

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-06-08 23:28:09 UTC
From: Bill
Topic: 4778 Message: 4789

I bought it at a hamfest from Associated Radio.
--- In LDG-auto-tuners@yahoogroups.com, "traburgess1945" <travburg1@...> wrote:
>
> Bill,
>
> If you bought the tuner online, you may be able to get a copy of the receipt from the vendor. Also, a copy of the e-mail confirmation of the order may work.
>
> Travis
> K5HTB
>
> --- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@> wrote:
> >
> > Bill,
> >
> > Have you tried a full reset on the radio? You will lose the memories in the radio, but sometimes that fixes strange problems.
> >
> > Dwayne Kincaid
> > LDG
> >
> > --- In LDG-auto-tuners@yahoogroups.com, "Bill" <nz0tham@> wrote:
> > >
> > > I have an IT-100 that I use with my IC-706M2G and it has worked great until last week when it stopped tuning with the radio tune button. I can still get it to tune using the button on the tuner but I use this mobile and it is mounted in the rear of the car where I can't push the button on the tuner. The interface cable checks fine all the way to inside the rig. Any ideas?
> > >
> > > I bought this tuner in August 2009 so it's still under warranty but the receipt was lost when we moved last year. Has anyone had any luck getting LDG to honor the warranty without a receipt?
> > >
> > > 73 Bill NZ0T
> > >
> >
>

4790. rt-11 schematic

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-06-12 19:53:37 UTC
From: ik1vhm
Topic: 4790 Message: 4790

HI,
i need a electrical schematic for repair my rt-11 autotuner,
thanks Raffael

ik1vhm@...

4791. [LDG-auto-tuners] Z-11 Pro schematic

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-06-13 20:03:37 UTC
From: Jurek
Topic: 4790 Message: 4791

HI,
I need an electrical schematic for repair my Z-11 Pro autotuner,
Jurek<mailto:ik1vhm%40yahoo.it>
>
>
>

[Non-text portions of this message have been removed]

4792. Re: [LDG-auto-tuners] Z-11 Pro schematic

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-06-14 18:15:12 UTC
From: Jurek
Topic: 4790 Message: 4792

HI,
I need an electrical schematic for repair my Z-11 Pro autotuner,
Jurek <mailto:sp3rat@...>

4793. AT 1000 Pro Semi vs Auto mode

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-06-21 15:05:36 UTC
From: w5xj2011
Topic: 4793 Message: 4793

I bought the new AT 1000 Pro at Hamcom and found that while tuning my 110 foot dipole that if left in auto mode after tune up that it continues to try to tune when you key up. Anybody else have this problem? To solve it I tune up in auto and then switch to semi-auto and it holds the tune.

I have the AT 200 PRO as well and am going to use it at the feed point of my S-9 31 foot vertical portable on July 4th and see how it plays - well I hope! I'd be interested in any tips from those of you that have used the auto tuner portable with a vertical.

73 & good DX to you!

Grant
W 5 X J
Dallas, Texas
EM12OU

4794. Re: [LDG-auto-tuners] AT 1000 Pro Semi vs Auto mode

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-06-21 16:13:20 UTC
From: Leonard K. Pennock
Topic: 4793 Message: 4794

I've had that kind of problem when I was having RFI issues. Try putting
a choke balun in the feedline to stop RF on the Coax.

On 06/21/2011 08:05 AM, w5xj2011 wrote:
> I bought the new AT 1000 Pro at Hamcom and found that while tuning my 110 foot dipole that if left in auto mode after tune up that it continues to try to tune when you key up. Anybody else have this problem? To solve it I tune up in auto and then switch to semi-auto and it holds the tune.
>
> I have the AT 200 PRO as well and am going to use it at the feed point of my S-9 31 foot vertical portable on July 4th and see how it plays - well I hope! I'd be interested in any tips from those of you that have used the auto tuner portable with a vertical.
>
> 73& good DX to you!
>
> Grant
> W 5 X J
> Dallas, Texas
> EM12OU
>
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> ------------------------------------
>
> Yahoo! Groups Links
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>
>

--
Leonard K. Pennock
AD7AS

Those who walk bravely through life, unafraid of loss or failure,
find that they very rarely lose or fail.

4795. Re: [LDG-auto-tuners] AT 1000 Pro Semi vs Auto mode

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-06-21 16:53:56 UTC
From: Yahoo
Topic: 4793 Message: 4795

Also put a choke on the power cable

On Jun 21, 2011, at 12:13 PM, "Leonard K. Pennock" <leonardpennock@...> wrote:

> I've had that kind of problem when I was having RFI issues. Try putting
> a choke balun in the feedline to stop RF on the Coax.
>
> On 06/21/2011 08:05 AM, w5xj2011 wrote:
> > I bought the new AT 1000 Pro at Hamcom and found that while tuning my 110 foot dipole that if left in auto mode after tune up that it continues to try to tune when you key up. Anybody else have this problem? To solve it I tune up in auto and then switch to semi-auto and it holds the tune.
> >
> > I have the AT 200 PRO as well and am going to use it at the feed point of my S-9 31 foot vertical portable on July 4th and see how it plays - well I hope! I'd be interested in any tips from those of you that have used the auto tuner portable with a vertical.
> >
> > 73& good DX to you!
> >
> > Grant
> > W 5 X J
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> >
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> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
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> >
>
> --
> Leonard K. Pennock
> AD7AS
>
> Those who walk bravely through life, unafraid of loss or failure,
> find that they very rarely lose or fail.
>

[Non-text portions of this message have been removed]

4796. Re: AT 1000 Pro Semi vs Auto mode

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-06-21 17:47:40 UTC
From: w5xj2011
Topic: 4793 Message: 4796

OK I have some type 43 laying around i can try there as well.

Thanks,

Grant

--- In LDG-auto-tuners@yahoogroups.com, Yahoo <justacomputerman@...> wrote:
>
> Also put a choke on the power cable
>
>
>
>
> On Jun 21, 2011, at 12:13 PM, "Leonard K. Pennock" <leonardpennock@...> wrote:
>
> > I've had that kind of problem when I was having RFI issues. Try putting
> > a choke balun in the feedline to stop RF on the Coax.
> >
> > On 06/21/2011 08:05 AM, w5xj2011 wrote:
> > > I bought the new AT 1000 Pro at Hamcom and found that while tuning my 110 foot dipole that if left in auto mode after tune up that it continues to try to tune when you key up. Anybody else have this problem? To solve it I tune up in auto and then switch to semi-auto and it holds the tune.
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> > > I have the AT 200 PRO as well and am going to use it at the feed point of my S-9 31 foot vertical portable on July 4th and see how it plays - well I hope! I'd be interested in any tips from those of you that have used the auto tuner portable with a vertical.
> > >
> > > 73& good DX to you!
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> > > Yahoo! Groups Links
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> > --
> > Leonard K. Pennock
> > AD7AS
> >
> > Those who walk bravely through life, unafraid of loss or failure,
> > find that they very rarely lose or fail.
> >
>
>
> [Non-text portions of this message have been removed]
>

4797. Re: AT 1000 Pro Semi vs Auto mode

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-06-21 17:46:26 UTC
From: w5xj2011
Topic: 4793 Message: 4797

Thanks for the suggestion Leonard. I have one at the feedpoint of the antenna but will try another one where the coax enters the shack as well.

I have some RFI issues myself in that on 10, 20 & especially 40 meters one outlet in my shack is lousy with RF and eventually even sets off my monitored smoke detectors. Maybe another choke will help that too, we'll see.

73,

Grant

--- In LDG-auto-tuners@yahoogroups.com, "Leonard K. Pennock" <leonardpennock@...> wrote:
>
> I've had that kind of problem when I was having RFI issues. Try putting
> a choke balun in the feedline to stop RF on the Coax.
>
> On 06/21/2011 08:05 AM, w5xj2011 wrote:
> > I bought the new AT 1000 Pro at Hamcom and found that while tuning my 110 foot dipole that if left in auto mode after tune up that it continues to try to tune when you key up. Anybody else have this problem? To solve it I tune up in auto and then switch to semi-auto and it holds the tune.
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> > I have the AT 200 PRO as well and am going to use it at the feed point of my S-9 31 foot vertical portable on July 4th and see how it plays - well I hope! I'd be interested in any tips from those of you that have used the auto tuner portable with a vertical.
> >
> > 73& good DX to you!
> >
> > Grant
> > W 5 X J
> > Dallas, Texas
> > EM12OU
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> > ------------------------------------
> >
> > Yahoo! Groups Links
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> >
>
> --
> Leonard K. Pennock

> AD7AS
>
> Those who walk bravely through life, unafraid of loss or failure,
> find that they very rarely lose or fail.
>

4798. Re: AT 1000 Pro Semi vs Auto mode

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-06-22 03:09:11 UTC
From: w5xj2011
Topic: 4793 Message: 4798

Leonard your idea fixed it - THANK YOU! I did not realize the RF was getting in on the coax. I have a choke at the antenna and after putting it on the line as it came in things got much better. I also put a toroid on the dc power for the AT 1000 as well.

I love these user groups! Now I'm hooking up QRO and we'll see what happens then.

Thanks, 73 & good DX to you!

--- In LDG-auto-tuners@yahoogroups.com, "w5xj2011" <cole505@...> wrote:
>
> Thanks for the suggestion Leonard. I have one at the feedpoint of the antenna but will try another one where the coax enters the shack as well.
>
> I have some RFI issues myself in that on 10, 20 & especially 40 meters one outlet in my shack is lousy with RF and eventually even sets off my monitored smoke detectors. Maybe another choke will help that too, we'll see.
>
> 73,
>
> Grant
>
>
> --- In LDG-auto-tuners@yahoogroups.com, "Leonard K. Pennock" <leonardpennock@> wrote:
> >
> > I've had that kind of problem when I was having RFI issues. Try putting
> > a choke balun in the feedline to stop RF on the Coax.
> >
> > On 06/21/2011 08:05 AM, w5xj2011 wrote:
> > > I bought the new AT 1000 Pro at Hamcom and found that while tuning my 110 foot dipole that if left in auto mode after tune up that it continues to try to tune when you key up. Anybody else have this problem? To solve it I tune up in auto and then switch to semi-auto and it holds the tune.
> > >
> > > I have the AT 200 PRO as well and am going to use it at the feed point of my S-9 31 foot vertical portable on July 4th and see how it plays - well I hope! I'd be interested in any tips from those of you that have used the auto tuner portable with a vertical.
> > >
> > > 73& good DX to you!
> > >
> > > Grant
> > > W 5 X J
> > > Dallas, Texas
> > > EM12OU
> > >
> > >
> > >

> > >
> > >
> > > ------------------------------------
> > >
> > > Yahoo! Groups Links
> > >
> > >
> > >
> >
> > --
> > Leonard K. Pennock
> > AD7AS
> >
> > Those who walk bravely through life, unafraid of loss or failure,
> > find that they very rarely lose or fail.
> >
>

4799. 600 pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-06-24 15:30:42 UTC
From: knkokeefe
Topic: 4799 Message: 4799

I was wondering if anyone else is having costumer service problems with getting there tuner fixed. I sent a 600pro to ldg over a month ago and keep getting the run around about parts even tho you can still buy them I even called HRO and they told me they did not know of any issues in ordering them from ldg. Any help on how to rattle there tree to get my tuner back would be appreciated.

Kevin

4800. KT-100 use with other radios

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-06-26 20:17:12 UTC
From: francis_dl7fp
Topic: 4800 Message: 4800

I have a KT-100, and don't want to have to buy a new tuner for my Yaesu FT-817. Is it OK to use the KT-100 with the Yaesu. I can supply 12V via the radio connector, so you would think it would work OK but... ?

4801. AT200 & S-9 31 foot vertical FB!!

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-06-30 04:33:21 UTC
From: w5xj2011
Topic: 4801 Message: 4801

I have a radio demo coming up on the 4th of July for Boy Scouts and just field tested my AT200 Pro used at the feed point of an S-9 31 foot vertical and it did a great job. Ive heard this is a good setup and boy is it. I wish LDG would make a remote 200 watt weatherproof tuner.

73 de W 5 X J

4802. Re: AT200 & S-9 31 foot vertical FB!!

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-06-30 15:46:56 UTC
From: kb0naz
Topic: 4801 Message: 4802

Your not the only one that wishes LDG should make a weatherproof remote tuner.

Scott KB0NAZ

--- In LDG-auto-tuners@yahoogroups.com, "w5xj2011" <cole505@...> wrote:
>
> I have a radio demo coming up on the 4th of July for Boy Scouts and just field tested my AT200 Pro used at the feed point of an S-9 31 foot vertical and it did a great job. Ive heard this is a good setup and boy is it. I wish LDG would make a remote 200 watt weatherproof tuner.
>
> 73 de W 5 X J
>

4803. Re: AT200 & S-9 31 foot vertical FB!!

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-06-30 13:46:27 UTC
From: H
Topic: 4801 Message: 4803

W5XJ,

The only affordable remote tuner in a weatherproof box that I have read about is the MFJ-927. Rated 200 watts, 0 to 24jH, and 0 to 3900pF. Claims to handle 6 to 1600 ohms - SWR of up to 32:1.

DXEngineering.com sells this MFJ model.

Of course MFJ does not have such a good reputation as LDG has.

Now that LDG sells vertical antennas, LDG will probably move in the direction of providing a similar antenna tuner - at least that is what I think.

Howard

--- In LDG-auto-tuners@yahoogroups.com, "w5xj2011" <cole505@...> wrote:
>
> I have a radio demo coming up on the 4th of July for Boy Scouts and just field tested my AT200 Pro used at the feed point of an S-9 31 foot vertical and it did a great job. Ive heard this is a good setup and boy is it. I wish LDG would make a remote 200 watt weatherproof tuner.
>
> 73 de W 5 X J
>

4804. Re: AT200 & S-9 31 foot vertical FB!!

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-06-30 13:39:06 UTC
From: ag6di
Topic: 4801 Message: 4804

I ordered a LDG Z11proII 100w auto tuner which I plan to put in a waterproof box from homedepot at my S9 v31 antenna, and power it with 6 AA batteries. I have heard this works pretty well. It'll probably be a somewhat big box, to be able to fit it in there. I wish it was weather-proofed to begin with.

I 2nd your request for a weatherproof tuner.
I'd be one of the 1st in line to buy one ;)

Aaron AG6DI

--- In LDG-auto-tuners@yahoogroups.com, "w5xj2011" <cole505@...> wrote:
>
> I have a radio demo coming up on the 4th of July for Boy Scouts and just field tested my AT200 Pro used at the feed point of an S-9 31 foot vertical and it did a great job. Ive heard this is a good setup and boy is it. I wish LDG would make a remote 200 watt weatherproof tuner.
>
> 73 de W 5 X J
>

4805. Re: [LDG-auto-tuners] Re: AT200 & S-9 31 foot vertical FB!!

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-07-03 01:57:29 UTC
From: DALE
Topic: 4801 Message: 4805

You ever looked at other manufactures.
dale

----- Original Message -----
From: "kb0naz" <kb0naz@...>
To: LDG-auto-tuners@yahoogroups.com
Sent: Thursday, June 30, 2011 8:46:56 AM
Subject: [LDG-auto-tuners] Re: AT200 & S-9 31 foot vertical FB!!

Your not the only one that wishes LDG should make a weatherproof remote tuner.

Scott KB0NAZ

--- In LDG-auto-tuners@yahoogroups.com , "w5xj2011" <cole505@...> wrote:
>
> I have a radio demo coming up on the 4th of July for Boy Scouts and just field tested my AT200 Pro used at the feed point of an S-9 31 foot vertical and it did a great job. Ive heard this is a good setup and boy is it. I wish LDG would make a remote 200 watt weatherproof tuner.
>
> 73 de W 5 X J
>

[Non-text portions of this message have been removed]

4806. Re: [LDG-auto-tuners] Re: AT200 & S-9 31 foot vertical FB!!

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-07-03 08:38:46 UTC
From: vu3mes
Topic: 4801 Message: 4806

Me too wish if ldg had something like the sg230

vy vu3mes

On 7/3/11, DALE <wa7ixk@...> wrote:
> You ever looked at other manufactures.
> dale
>
> ----- Original Message -----
> From: "kb0naz" <kb0naz@...>
> To: LDG-auto-tuners@yahoogroups.com
> Sent: Thursday, June 30, 2011 8:46:56 AM
> Subject: [LDG-auto-tuners] Re: AT200 & S-9 31 foot vertical FB!!
>
>
>
>
>
>
>
> Your not the only one that wishes LDG should make a weatherproof remote
> tuner.
>
> Scott KB0NAZ
>
> --- In LDG-auto-tuners@yahoogroups.com , "w5xj2011" <cole505@...> wrote:
>>
>> I have a radio demo coming up on the 4th of July for Boy Scouts and just
>> field tested my AT200 Pro used at the feed point of an S-9 31 foot
>> vertical and it did a great job. Ive heard this is a good setup and boy is
>> it. I wish LDG would make a remote 200 watt weatherproof tuner.
>>
>> 73 de W 5 X J
>>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>

--
Sent from my mobile device

73s de vu3mes satyan sarath qth link -
http://www.findu.com/cgi-bin/find.cgi?call=vu3mes
www.qrz.com/callsign/vu3mes www.chennaihams.blogspot.com
www.satyansarath.param.mobi [mobile webpage]
**** ham radio - one world - one language ****

4807. Re: AT200 & S-9 31 foot vertical FB!!

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-07-03 18:26:30 UTC
From: kb0naz
Topic: 4801 Message: 4807

yeah,,I have an SG-230..that's not the point.(and I'm not overly impressed with the SGC either,I also had the 239 and 237 couplers)
The SGC line is just too much $$$..I can remote my LDG Z11Pro and it tunes everything with a Balun Designs unun,and without.I think our point is we wish for an AFFORDABLE remote,weather proof coupler such as the old RT11(?).
MFJ has a couple of remote couplers.I have not had either of those,but they are another possibility that are cheaper than the SGC.

Scott KB0NAZ

--- In LDG-auto-tuners@yahoogroups.com, DALE <wa7ixk@...> wrote:
>
> You ever looked at other manufactures.
> dale
>
> ----- Original Message -----
> From: "kb0naz" <kb0naz@...>
> To: LDG-auto-tuners@yahoogroups.com
> Sent: Thursday, June 30, 2011 8:46:56 AM
> Subject: [LDG-auto-tuners] Re: AT200 & S-9 31 foot vertical FB!!
>
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>
>
> Your not the only one that wishes LDG should make a weatherproof remote tuner.
>
> Scott KB0NAZ
>
> --- In LDG-auto-tuners@yahoogroups.com , "w5xj2011" <cole505@> wrote:
> >
> > I have a radio demo coming up on the 4th of July for Boy Scouts and just field tested my AT200 Pro used at the feed point of an S-9 31 foot vertical and it did a great job. Ive heard this is a good setup and boy is it. I wish LDG would make a remote 200 watt weatherproof tuner.
> >
> > 73 de W 5 X J
> >
>
>
>
>
> [Non-text portions of this message have been removed]

>

4808. Lightning Damage

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-07-03 21:46:08 UTC
From: Dwayne
Topic: 4808 Message: 4808

Derek emailed us about a direct (or near direct) strike he took to his antenna. He also posted on QRZ some really cool photos of the damage. The photos are phenomenal!

http://forums.qrz.com/showthread.php?303395-LIGHTNING-STRIKE-pics-.....Lucky&p=2281840#post2281840

Dwayne Kincaid
LDG

4809. Re: [LDG-auto-tuners] Lightning Damage

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-07-03 22:07:48 UTC
From: Art galvz
Topic: 4808 Message: 4809

will that be covered under " extended warrentee " hi'

From: Dwayne <ldgyahoo@...>
To: LDG-auto-tuners@yahoogroups.com
Sent: Sunday, July 3, 2011 2:46 PM
Subject: [LDG-auto-tuners] Lightning Damage

Derek emailed us about a direct (or near direct) strike he took to his antenna. He also posted on QRZ some really cool photos of the damage. The photos are phenomenal!

http://forums.qrz.com/showthread.php?303395-LIGHTNING-STRIKE-pics-.....Lucky&p=2281840#post2281840

Dwayne Kincaid
LDG

[Non-text portions of this message have been removed]

4810. YT-100 has flashing LED

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-07-04 00:21:00 UTC
From: blbrammer
Topic: 4810 Message: 4810

I had a main power breaker trip due to heat. When it cooled down and was re-cycled the radio and tuner came back up but the front panel LED is continuously flashing and I can't get it to stop. Is there a reset or does anyone know what is wrong?

N6OG

4811. Re: Weather resistant tuners [Was: AT200 & S-9 31 foot vertical FB!!]

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-07-04 14:47:15 UTC
From: doc@kd4e.com
Topic: 4811 Message: 4811

Is it really that hard to put a LDG tuner inside of a plastic box
with rubber gaskets?

> I wish LDG would make a remote 200 watt weatherproof tuner.
>
> 73 de W 5 X J

--

Thanks!& 73, KD4E
David Colburn http://kd4e.com
Have an http://ultrafidian.com day
I don't google I SEARCH! STARTPAGE.com
Shop Freedom-Friendly http://kd4e.com/of.html

4812. Re: [LDG-auto-tuners] Re: Weather resistant tuners [Was: AT200 & S-9 31 foot vertical FB!!]

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-07-04 22:54:26 UTC
From: cpu_nut
Topic: 4811 Message: 4812

If you do that, you will have to consider that the humidity in the box may condense out on cold nights which of course will be bad for the electronics. You may want to put in the pink=wet / blue=dry indicating Silica Gel and bake it out periodically to keep the dew point in the sealed box low.

73, Craig

--- On Mon, 7/4/11, doc@... <doc@...> wrote:

> From: doc@... <doc@...>
> Subject: [LDG-auto-tuners] Re: Weather resistant tuners [Was: AT200 & S-9 31 foot vertical FB!!]
> To: LDG-auto-tuners@yahoogroups.com
> Date: Monday, July 4, 2011, 10:47 AM
> Is it really that hard to put a LDG
> tuner inside of a plastic box
> with rubber gaskets?
>
> > I wish LDG would make a remote 200 watt weatherproof
> tuner.
> >
> > 73 de W 5 X J
>
> --
>
> Thanks!& 73, KD4E
> David Colburn http://kd4e.com
> Have an http://ultrafidian.com day
> I don't google I SEARCH! STARTPAGE.com
> Shop Freedom-Friendly http://kd4e.com/of.html
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>   LDG-auto-tuners-fullfeatured@yahoogroups.com
>
>
>

4813. Re: [LDG-auto-tuners] Re: Weather resistant tuners [Was: AT200 & S-9 31 foot vertical FB!!]

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-07-04 23:17:12 UTC
From: Joe
Topic: 4811 Message: 4813

Interesting subject. Last year, we had a problem with a commercial
tower mounted amplifier for a 900MHz telemetry system getting moisture
in the sealed cabinet. The TMA was mounted inside a steel water tank
that was very humid in the summer. The $11,000 TMA was getting moisture
on the circuit boards, even though the seal around the case was good.
The manufacturer instructed us to drill an 1/8 inch hole in the bottom
of the cabinet. We didn't have too much faith in this fix, but decided
to do it because the warranty would not be void

On 7/4/2011 6:54 PM, cpu_nut wrote:
> If you do that, you will have to consider that the humidity in the box may condense out on cold nights which of course will be bad for the electronics.

4814. Re: [LDG-auto-tuners] Re: AT200 & S-9 31 foot vertical FB!!

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-07-05 01:16:45 UTC
From: DALE
Topic: 4801 Message: 4814

I have the Z-11 pro and the SGC-237. The 237 works better, it is my truck and is waterproof.
The Z-11 is in my house were it is supposed to be.
I also have a MAC-200. A lot more antenna selections and do-dads.
I buy a tuner for what it is designed for and not try to make it think it is something else.
Worrying about $$$ can screw up reasoning.
dale

----- Original Message -----
From: "kb0naz" <kb0naz@...>
To: LDG-auto-tuners@yahoogroups.com
Sent: Sunday, July 3, 2011 11:26:30 AM
Subject: [LDG-auto-tuners] Re: AT200 & S-9 31 foot vertical FB!!

yeah,,I have an SG-230..that's not the point.(and I'm not overly impressed with the SGC either,I also had the 239 and 237 couplers)
The SGC line is just too much $$$..I can remote my LDG Z11Pro and it tunes everything with a Balun Designs unun,and without.I think our point is we wish for an AFFORDABLE remote,weather proof coupler such as the old RT11(?).
MFJ has a couple of remote couplers.I have not had either of those,but they are another possibility that are cheaper than the SGC.

Scott KB0NAZ

--- In LDG-auto-tuners@yahoogroups.com , DALE <wa7ixk@...> wrote:
>
> You ever looked at other manufactures.
> dale
>
> ----- Original Message -----
> From: "kb0naz" <kb0naz@...>
> To: LDG-auto-tuners@yahoogroups.com
> Sent: Thursday, June 30, 2011 8:46:56 AM
> Subject: [LDG-auto-tuners] Re: AT200 & S-9 31 foot vertical FB!!
>
>
>
>
>
>
>
>
> Your not the only one that wishes LDG should make a weatherproof remote tuner.
>
> Scott KB0NAZ
>

> --- In LDG-auto-tuners@yahoogroups.com , "w5xj2011" <cole505@> wrote:
> >
> > I have a radio demo coming up on the 4th of July for Boy Scouts and just field tested my AT200 Pro used at the feed point of an S-9 31 foot vertical and it did a great job. Ive heard this is a good setup and boy is it. I wish LDG would make a remote 200 watt weatherproof tuner.
> >
> > 73 de W 5 X J
> >
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

4815. Waterproofing

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-07-05 12:39:31 UTC
From: bsip_9
Topic: 4815 Message: 4815

Hi All,

I'd guess that if LDG thought there was a good market for a waterproof AutoAtu then they would make one so, all those who want one should tell them so!
Until then, as well as the risk from condensation consider extremes of temperature, both high and low. For what it's worth, to protect active electronic equipment out of doors, I have used a good quality high-volume cool-box or "esky" as they're sometimes called. These will give a fair measure of protection against both high and low extremes of temperature and the high-volume permits the inclusion of large amounts of silica gel to take care of condensation. Just be sure to make cable/feeder holes a really tight fit then further protect with BlueTack etc.

Try it until LDG release the $500 equivalent!

73,
Wes.
EA5/GW3RIH

4816. Re: AT200 & S-9 31 foot vertical FB!!

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-07-06 01:41:00 UTC
From: w5xj2011
Topic: 4801 Message: 4816

Yes i have checked out others and SGC is mighty fine. I just bought the AT 1000 Pro so i am tapped out but if i find a good used SGC I will buy it. I hear they are great for tuning massive loops like the one i built for 160M.

73,

Grant

--- In LDG-auto-tuners@yahoogroups.com, DALE <wa7ixk@...> wrote:
>
> You ever looked at other manufactures.
> dale
>
> ----- Original Message -----
> From: "kb0naz" <kb0naz@...>
> To: LDG-auto-tuners@yahoogroups.com
> Sent: Thursday, June 30, 2011 8:46:56 AM
> Subject: [LDG-auto-tuners] Re: AT200 & S-9 31 foot vertical FB!!
>
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>
>
>
>
>
>
> Your not the only one that wishes LDG should make a weatherproof remote tuner.
>
> Scott KB0NAZ
>
> --- In LDG-auto-tuners@yahoogroups.com , "w5xj2011" <cole505@> wrote:
> >
> > I have a radio demo coming up on the 4th of July for Boy Scouts and just field tested my AT200 Pro used at the feed point of an S-9 31 foot vertical and it did a great job. Ive heard this is a good setup and boy is it. I wish LDG would make a remote 200 watt weatherproof tuner.
> >
> > 73 de W 5 X J
> >
>
>
>
>
> [Non-text portions of this message have been removed]
>

4817. Re: Waterproofing

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-07-06 14:37:20 UTC
From: ve3wmb
Topic: 4815 Message: 4817

I posted some photos of my waterproofing solution to this group a while back.

Look in the "Photos" section of this group in the folder titled "VE3WMB waterproof tuner box".

The tuner is an original LDG QRP tuner which I leave in "Auto" mode and power remotely from the shack via a small 12V supply, with the power leads fused at the power supply. The antenna it is connected to is a sloping 30m delta loop, fed with about 8 feet of homebrew open wire line and connected to an LDG 4:1 balun, and then to the tuner via a short coax jumper.

The waterproof box is a GSI Lexan Camping box. This is my second one (the seal on the first one went sort of gummy after a few years). Previous to that I used a common food storage container, only to realize after about a year that most of the container was made of polypropylene and it literally crumbled in my hands.

My solution to the "water/moisture" problem is to keep all of the connection on the bottom of the box and to leave a small drain hole to allow any trapped moisture a means of escape. Gravity keeps the water out.

I have had this setup on the side fence in my back yard continuously for at least 5 years. I periodically open the box and the tuner itself to check for any moisture damage and I have found the internals to be free from any hint of moisture damage.

Our climate in Ottawa varies from 30C+ degrees with high humidity in the peak of summer to a few days in winter when the mercury dips below - 30C degrees. This is a testament to the reliability of the LDG tuners.

Michael VE3WMB

--- In LDG-auto-tuners@yahoogroups.com, "bsip_9" <wes@...> wrote:
>
> Hi All,
>
> I'd guess that if LDG thought there was a good market for a waterproof AutoAtu then they would make one so, all those who want one should tell them so!
> Until then, as well as the risk from condensation consider extremes of temperature, both high and low. For what it's worth, to protect active electronic equipment out of doors, I have used a good quality high-volume cool-box or "esky" as they're sometimes called. These will give a fair measure of protection against both high and low extremes of temperature and the high-volume permits the inclusion of large amounts of silica gel to take care of condensation. Just be sure to make cable/feeder holes a really tight fit then further protect with BlueTack etc.
>
> Try it until LDG release the $500 equivalent!
>
> 73,

> Wes.
> EA5/GW3RIH
>

4818. Selling My Gear, Including a Z-11Pro Ultra

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-07-14 16:50:38 UTC
From: kf4jzy
Topic: 4818 Message: 4818

Hi Group,
Since I moved from Florida to go to school in North Carolina, I have not setup any of my equipment in my apartment. So, instead of it gathering dust, I am looking to sell it.

I have a used LDG Z-11Pro Ultra Autotuner I am selling for $130 shipped. I am also including a used LDG RBA 1:1 balun.

This autotuner has been used inside only; no mobile use. I purchased this new and am original owner (non-smoker). It is in excellent condition and comes with the box, manual, radio cables, and power cable (you will need coax and batteries, if you want to use it battery powered). I used this with an Icom IC-718 (also for sale).

I will only accept Paypal and USPS money orders; the autotuner will ship when payment has cleared, and I will provide buyer with delivery confirmation information. I will double box the autotuner as well. The autotuner is in fine working condition, but will be sold as-is without any warranty.

I have other gear for sale as well, but I'm not sure if I can post that in this forum. If I can let me know, or let me know if you want me to send a listing of the other stuff I have via email.

Thanks,
Brent, KF4JZY

[Non-text portions of this message have been removed]

4819. Re: [LDG-auto-tuners] Selling My Gear, Including a Z-11Pro Ultra

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-07-14 17:00:34 UTC
From: Jerry Wright
Topic: 4818 Message: 4819

Can you provide a list of other equipment you have for sale?

Thanks,

Jerry
K6GVW

Sent from my iPad

On Jul 14, 2011, at 9:50 AM, "kf4jzy" <brentgay@...> wrote:

> Hi Group,
> Since I moved from Florida to go to school in North Carolina, I have not
> setup any of my equipment in my apartment. So, instead of it gathering
> dust, I am looking to sell it.
>
> I have a used LDG Z-11Pro Ultra Autotuner I am selling for $130 shipped.
> I am also including a used LDG RBA 1:1 balun.
>
> This autotuner has been used inside only; no mobile use. I purchased
> this new and am original owner (non-smoker). It is in excellent
> condition and comes with the box, manual, radio cables, and power cable
> (you will need coax and batteries, if you want to use it battery
> powered). I used this with an Icom IC-718 (also for sale).
>
> I will only accept Paypal and USPS money orders; the autotuner will ship
> when payment has cleared, and I will provide buyer with delivery
> confirmation information. I will double box the autotuner as well. The
> autotuner is in fine working condition, but will be sold as-is without
> any warranty.
>
> I have other gear for sale as well, but I'm not sure if I can post that
> in this forum. If I can let me know, or let me know if you want me to
> send a listing of the other stuff I have via email.
>
> Thanks,
> Brent, KF4JZY
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

4820. Re: [LDG-auto-tuners] Selling My Gear, Including a Z-11Pro Ultra

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-07-14 17:04:58 UTC
From: Brent Gay
Topic: 4818 Message: 4820

Sure,

Here ya go.

*
*

Ham Radio Gear For Sale

Icom IC-718 - $450.00 shipped

*
*

Palstar ZM-30 *Antenna Analyzer* - $250.00 shipped

*
*

Pelican 1600 Case (has a Yaesu sticker on it, this was used to store radio gear, but I still have all the foam, so foam can be reattached with toothpicks or glue and customized to suit your needs) - $100 shipped

*
*

Samlex SEC-1223 23 Amp Switching Power Supply (has 3 holes on top of enclosure; I mounted a mobile rig to the top) - $75 shipped, and I will throw in a 4-way Powerpole Splitter

*
*

Tracker2 model OT2m APRS Tracker/Digital Interface/Digipeater (no cables included except for a power cable; will need cables based on use, see https://www.argentdata.com/catalog/product_info.php?cPath=22&products_id=73) - $70 shipped

*
*

AES PK-232MBX (for Packet and other digital modes; comes with manual, an interface cable, and a serial cable; no box) - $60 shipped

*
*

Radio Shack Pro-60 Analog scanner ? covers 30-1000MHz minus cellular and some UHF Television channels; 200 channel capacity in 10 banks; triple

conversion circuitry; not a trunking scanner. Includes rechargeable battery pack (unknown condition), desktop charger, battery case for alkaline or rechargeable batteries, antenna (not original), wall charger, and manual, no box. - $60 shipped

*
*

Yaesu VX-150 2m HT (with 2 batteries and charger, can?t find manual yet, no box) - $55 shipped

*
*

Donner?s Digital Interface with USB Sound Card (Wired for Icom rigs with Din-13 connector, but it can work with any rig by simply creating a pigtail with appropriate connector for your rig) - $35 shipped

*
*

Arrow OSJ 146/440 2m/70cm J-Pole Antenna - $28 shipped

*
*

LMR-400 Cable (Will have to measure, but 2 sections around 30?) - $25 shipped/each

On Thu, Jul 14, 2011 at 1:00 PM, Jerry Wright <dlrguess@...> wrote:

> **
>
>
> Can you provide a list of other equipment you have for sale?
>
> Thanks,
>
> Jerry
> K6GVW
>
> Sent from my iPad
>
>
> On Jul 14, 2011, at 9:50 AM, "kf4jzy" <brentgay@...> wrote:
>
> > Hi Group,
> > Since I moved from Florida to go to school in North Carolina, I have not
> > setup any of my equipment in my apartment. So, instead of it gathering
> > dust, I am looking to sell it.
> >
> > I have a used LDG Z-11Pro Ultra Autotuner I am selling for $130 shipped.
> > I am also including a used LDG RBA 1:1 balun.

> >
> > This autotuner has been used inside only; no mobile use. I purchased
> > this new and am original owner (non-smoker). It is in excellent
> > condition and comes with the box, manual, radio cables, and power cable
> > (you will need coax and batteries, if you want to use it battery
> > powered). I used this with an Icom IC-718 (also for sale).
> >
> > I will only accept Paypal and USPS money orders; the autotuner will ship
> > when payment has cleared, and I will provide buyer with delivery
> > confirmation information. I will double box the autotuner as well. The
> > autotuner is in fine working condition, but will be sold as-is without
> > any warranty.
> >
> > I have other gear for sale as well, but I'm not sure if I can post that
> > in this forum. If I can let me know, or let me know if you want me to
> > send a listing of the other stuff I have via email.
> >
> > Thanks,
> > Brent, KF4JZY
> >
> > [Non-text portions of this message have been removed]
> >
> >
>
> [Non-text portions of this message have been removed]
>
>
>

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4821. Re: Waterproofing

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-07-15 03:14:01 UTC
From: w5xj2011
Topic: 4815 Message: 4821

That is a nice setup you made. I heard of a ham that uses picnic coolers for larger gear with good success since they are UV protected and insulated that helps with the heat here in Texas or the cold up north.

73 de W 5 X J

--- In LDG-auto-tuners@yahoogroups.com, "ve3wmb" <mbabineau@...> wrote:

> I posted some photos of my waterproofing solution to this group a while back.
>
> Look in the "Photos" section of this group in the folder titled "VE3WMB waterproof tuner box".
>
> The tuner is an original LDG QRP tuner which I leave in "Auto" mode and power remotely
> from the shack via a small 12V supply, with the power leads fused at the power supply.
> The antenna it is connected to is a sloping 30m delta loop, fed with about 8 feet of
> homebrew open wire line and connected to an LDG 4:1 balun, and then to the tuner
> via a short coax jumper.
>
> The waterproof box is a GSI Lexan Camping box. This is my second one (the seal on the first one went sort of gummy after a few years). Previous to that I used a common
> food storage container, only to realize after about a year that most of the container was made of polypropylene and it literally crumbled in my hands.
>
> My solution to the "water/moisture" problem is to keep all of the connection on the bottom
> of the box and to leave a small drain hole to allow any trapped moisture a means of escape. Gravity keeps the water out.
>
> I have had this setup on the side fence in my back yard continuously for at least 5 years.
> I periodically open the box and the tuner itself to check for any moisture damage and
> I have found the internals to be free from any hint of moisture damage.
>
> Our climate in Ottawa varies from 30C+ degrees with high humidity in the peak of summer
> to a few days in winter when the mercury dips below - 30C degrees. This is a testament to the reliability of the LDG tuners.
>
> Michael VE3WMB
>
>
> --- In LDG-auto-tuners@yahoogroups.com, "bsip_9" <wes@> wrote:
> >
> > Hi All,
> >
> > I'd guess that if LDG thought there was a good market for a waterproof AutoAtu then

they would make one so, all those who want one should tell them so!
> > Until then, as well as the risk from condensation consider extremes of temperature, both high and low. For what it's worth, to protect active electronic equipment out of doors, I have used a good quality high-volume cool-box or "esky" as they're sometimes called. These will give a fair measure of protection against both high and low extremes of temperature and the high-volume permits the inclusion of large amounts of silica gel to take care of condensation. Just be sure to make cable/feeder holes a really tight fit then further protect with BlueTack etc.
> >
> > Try it until LDG release the $500 equivalent!
> >
> > 73,
> > Wes.
> > EA5/GW3RIH
> >
>

4822. Re: [LDG-auto-tuners] Selling My Gear, Including a Z-11Pro Ultra

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-07-14 19:45:54 UTC
From: Gordon
Topic: 4818 Message: 4822

I am definitely interested in all 3. How much for the 3 and how much individually.
Gord Holmes ve3ava Ontario
From: kf4jzy
Sent: Thursday, July 14, 2011 12:50 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Selling My Gear, Including a Z-11Pro Ultra

Hi Group,
Since I moved from Florida to go to school in North Carolina, I have not setup any of my equipment in my apartment. So, instead of it gathering dust, I am looking to sell it.

I have a used LDG Z-11Pro Ultra Autotuner I am selling for $130 shipped. I am also including a used LDG RBA 1:1 balun.

This autotuner has been used inside only; no mobile use. I purchased this new and am original owner (non-smoker). It is in excellent condition and comes with the box, manual, radio cables, and power cable (you will need coax and batteries, if you want to use it battery powered). I used this with an Icom IC-718 (also for sale).

I will only accept Paypal and USPS money orders; the autotuner will ship when payment has cleared, and I will provide buyer with delivery confirmation information. I will double box the autotuner as well. The autotuner is in fine working condition, but will be sold as-is without any warranty.

I have other gear for sale as well, but I'm not sure if I can post that in this forum. If I can let me know, or let me know if you want me to send a listing of the other stuff I have via email.

Thanks,
Brent, KF4JZY

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

4823. Re: [LDG-auto-tuners] Selling My Gear, Including a Z-11Pro Ultra

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-07-14 19:47:31 UTC
From: Gordon
Topic: 4818 Message: 4823

forget my previous email please I READ THE NEXT ITEMZED EMAIL.\
THANK YOU VE3AVA

From: Jerry Wright
Sent: Thursday, July 14, 2011 1:00 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] Selling My Gear, Including a Z-11Pro Ultra

Can you provide a list of other equipment you have for sale?

Thanks,

Jerry
K6GVW

Sent from my iPad

On Jul 14, 2011, at 9:50 AM, "kf4jzy" <mailto:brentgay%40gmail.com> wrote:

> Hi Group,
> Since I moved from Florida to go to school in North Carolina, I have not
> setup any of my equipment in my apartment. So, instead of it gathering
> dust, I am looking to sell it.
>
> I have a used LDG Z-11Pro Ultra Autotuner I am selling for $130 shipped.
> I am also including a used LDG RBA 1:1 balun.
>
> This autotuner has been used inside only; no mobile use. I purchased
> this new and am original owner (non-smoker). It is in excellent
> condition and comes with the box, manual, radio cables, and power cable
> (you will need coax and batteries, if you want to use it battery
> powered). I used this with an Icom IC-718 (also for sale).
>
> I will only accept Paypal and USPS money orders; the autotuner will ship
> when payment has cleared, and I will provide buyer with delivery
> confirmation information. I will double box the autotuner as well. The
> autotuner is in fine working condition, but will be sold as-is without
> any warranty.
>
> I have other gear for sale as well, but I'm not sure if I can post that
> in this forum. If I can let me know, or let me know if you want me to
> send a listing of the other stuff I have via email.
>
> Thanks,
> Brent, KF4JZY
>
> [Non-text portions of this message have been removed]

>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

4824. Re: Selling My Gear, Including a Z-11Pro Ultra

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-07-15 17:04:23 UTC
From: kf4jzy
Topic: 4818 Message: 4824

I've had several emails about the other gear I have for sale. Here is a
link
<https://docs.google.com/document/d/1XcUlgIILOWGKWAHoAyVc8gwURob4dh4m8C8\
I_7MBLsU/edit?hl=en_US> to what I have.

Thanks,
Brent, KF4JZY

--- In LDG-auto-tuners@yahoogroups.com, Gordon <gfjh@...> wrote:
>
> I am definitely interested in all 3. How much for the 3 and how much
individually.
> Gord Holmes ve3ava Ontario
> From: kf4jzy
> Sent: Thursday, July 14, 2011 12:50 PM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: [LDG-auto-tuners] Selling My Gear, Including a Z-11Pro Ultra
>
>
> Hi Group,
> Since I moved from Florida to go to school in North Carolina, I have
not
> setup any of my equipment in my apartment. So, instead of it gathering
> dust, I am looking to sell it.
>
> I have a used LDG Z-11Pro Ultra Autotuner I am selling for $130
shipped.
> I am also including a used LDG RBA 1:1 balun.
>
> This autotuner has been used inside only; no mobile use. I purchased
> this new and am original owner (non-smoker). It is in excellent
> condition and comes with the box, manual, radio cables, and power
cable
> (you will need coax and batteries, if you want to use it battery
> powered). I used this with an Icom IC-718 (also for sale).
>
> I will only accept Paypal and USPS money orders; the autotuner will
ship
> when payment has cleared, and I will provide buyer with delivery
> confirmation information. I will double box the autotuner as well. The
> autotuner is in fine working condition, but will be sold as-is without
> any warranty.
>
> I have other gear for sale as well, but I'm not sure if I can post
that

> in this forum. If I can let me know, or let me know if you want me to
> send a listing of the other stuff I have via email.
>
> Thanks,
> Brent, KF4JZY
>
> [Non-text portions of this message have been removed]
>
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>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

4826. Joining of LDG yahoo group

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-07-16 18:10:16 UTC
From: kg4ggx@aol.com
Topic: 4826 Message: 4826

Hi
My name is Rob, and my call is K4MAU. A few days ago, I think it was Monday, I joined this group. Afterwards I posted about a problem with my AT-11MP. I understand that my membership was waiting approval. As of today my post still hasn't shown up, and I'm wondering what my mistake was, and what do I need to do to correct it. I look forward to participating in this group, and do need some help with my tuner.
Thanks
Rob K4MAU

[Non-text portions of this message have been removed]

4827. Re: Joining of LDG yahoo group

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-07-17 06:12:00 UTC
From: Ken
Topic: 4826 Message: 4827

Hi Rob,

You are a member and this message was received in the group.

From time to time Yahoo does some strange things with messages posted and they can take a while to show up..

Post your message again..

73 - Ken - VE5KC
- VE5KC - http://ham-radio.ca
- MM Hamsoft - http://hamsoft.ca
- Amateur Radio Link - http://amateur-radio.ca

--- In LDG-auto-tuners@yahoogroups.com, kg4ggx@... wrote:
>
> Hi
> My name is Rob, and my call is K4MAU. A few days ago, I think it was
> Monday, I joined this group. Afterwards I posted about a problem with my
> AT-11MP. I understand that my membership was waiting approval. As of today my
> post still hasn't shown up, and I'm wondering what my mistake was, and what
> do I need to do to correct it. I look forward to participating in this group,
> and do need some help with my tuner.
> Thanks
> Rob K4MAU
>
>
> [Non-text portions of this message have been removed]
>

4829. Re: [LDG-auto-tuners] Lightning Damage

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-07-17 21:20:05 UTC
From: Scott L. Marriam
Topic: 4808 Message: 4829

Does anyone know how I can reach Derek? I have a Technician class coming
up and I'd LOVE to put those pictures in my presentation!

Scott Marriam
WA2DTN

On Sun, 2011-07-03 at 21:46 +0000, Dwayne wrote:
> Derek emailed us about a direct (or near direct) strike he took to his antenna. He also
posted on QRZ some really cool photos of the damage. The photos are phenomenal!
>
> http://forums.qrz.com/showthread.php?303395-LIGHTNING-STRIKE-pics-.....Lucky&p=2281840#p
ost2281840
>
>
> Dwayne Kincaid
> LDG
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

4830. Hi

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-07-18 08:02:18 UTC
From: sa2awo
Topic: 4830 Message: 4830

I am new in this group...

I am from sweden and i have a big
problem with my AT-100ProII..I can´t tune
i got only error message. throughout the upper row flashes

Sorry aboyt my bad english ...Can somone help me with this??

73 de sa2awo

4831. Re: KT-100 use with other radios

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-07-18 19:23:09 UTC
From: Bill
Topic: 4800 Message: 4831

I have used my IT-100 with other radios. I just got a connector from Mouser and wired it up per the instructions in the manual. It's not automatic but all I have to do is transmit 10 watts from the rig and push the tune button on the tuner.

--- In LDG-auto-tuners@yahoogroups.com, "francis_dl7fp" <fpressland@...> wrote:
>
> I have a KT-100, and don't want to have to buy a new tuner for my Yaesu FT-817. Is it OK to use the KT-100 with the Yaesu. I can supply 12V via the radio connector, so you would think it would work OK but... ?
>

4832. Re: [LDG-auto-tuners] (unknown)

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-07-15 20:49:12 UTC
From: Jimmy (WB8NBI)
Topic: 2562 Message: 4832

Why are we getting this spam?

73 Jimmy (WB8NBI)

From: Art galvz
Sent: Friday, July 15, 2011 4:31 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] (unknown)

http://www.celebritynudies.com/wp-content/themes/tubyus.htm

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

4833. Re: (unknown)

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-07-19 08:21:30 UTC
From: Dwayne
Topic: 2562 Message: 4833

It's usually a result of someone's account being compromised. We delete the spam from the archive, notify the offender and place their account on moderated until the problem is resolved.

It does not happen very often and only takes a day or two to resolve.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "Jimmy \(WB8NBI\)" <wb8nbi@...> wrote:
>
> Why are we getting this spam?
>
> 73 Jimmy (WB8NBI)
>
> From: Art galvz
> Sent: Friday, July 15, 2011 4:31 PM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: [LDG-auto-tuners] (unknown)
>
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

4835. AT-11MP Problem

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-07-14 15:01:09 UTC
From: k4mau
Topic: 4835 Message: 4835

Hello to the group.
My name is Rob, and I've been an active ham for 11 years. I have a fair amount of home brewing experience, as well as some radio repair experience. I recently picked up a used AT-11MP tuner. I brought it home and checked it out. What it is doing is, when it tunes it will find a match but, the match is wrong. In other words when it tunes its self the radio will see a high swr, about 2.5 to 1. If I manually adjust it I can make a good match for the radio, and then the meter in the AT-11 will read 2.5 to 1(or so). I changed coax jumpers, put it on a good dummy load and a good antenna. In bypass the radio sees the dummy load as good, and the antenna as it normally does such as 1.5 to 1. If I activate the tuner and feed a 10 watt or so carrier in, the tuner will click away and settle on a match that its meter reads as 1.2 or so. But then the radio will see 2.5 or so. Again I can manually change the tune and make a good match for the radio, and then the tuner's meter will read 2.5 or so. Changing coaxes , loads, and varying the power level, and the results are the same. If I tune in to a ggod load or a mismatch, again the result are the same. I have tried adjusting the forward, and reverse pots and still when the tuner tunes, the radio get a mismatch. Its as if the tuner is trying to present something other than 50 ohms to the transmitter. Any ideas? If possible I would really rather repair it myself as opposed to sending it in for service. I'm capable of doing the work, but am looking for a little help in finding the trouble. Once its fixed I would like to do the chip upgrade. Any thoughts are greatly appreciated.
Thanks
Rob K4MAU

4836. Re: AT-11MP Problem

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-07-20 12:09:16 UTC
From: bill_van@sbcglobal.net
Topic: 4835 Message: 4836

Rob,

The LDG products are great pieces of equipment but they are sensitive to anything that might not be perfect in your station. Usually, when you see problems such as this, my experience is that RF is somehow getting back into the unit. This plays out as the first thing I would look for since the dummy load is reading/tuning fine. I own 5 LDG ATU's and it always comes back to RF. A combo of air core chokes, beads, and ferrite cores has ALWAYS solved the problem and resulted in proper operation. Hopefully you can find the "leak" and resolve yours too. So, again, this is the first place to look in my opinion. As you already know, RF can be very sneaky.... even though you may be reading perfect SWR, it can find a way to get back into the component and make you crazy trying to get it out.

Good Luck,
Bill - W5WDV

--- In LDG-auto-tuners@yahoogroups.com, "k4mau" <kg4ggx@...> wrote:
>
> Hello to the group.
> My name is Rob, and I've been an active ham for 11 years. I have a fair amount of home brewing experience, as well as some radio repair experience. I recently picked up a used AT-11MP tuner. I brought it home and checked it out. What it is doing is, when it tunes it will find a match but, the match is wrong. In other words when it tunes its self the radio will see a high swr, about 2.5 to 1. If I manually adjust it I can make a good match for the radio, and then the meter in the AT-11 will read 2.5 to 1(or so). I changed coax jumpers, put it on a good dummy load and a good antenna. In bypass the radio sees the dummy load as good, and the antenna as it normally does such as 1.5 to 1. If I activate the tuner and feed a 10 watt or so carrier in, the tuner will click away and settle on a match that its meter reads as 1.2 or so. But then the radio will see 2.5 or so. Again I can manually change the tune and make a good match for the radio, and then the tuner's meter will read 2.5 or so. Changing coaxes , loads, and varying the power level, and the results are the same. If I tune in to a ggod load or a mismatch, again the result are the same. I have tried adjusting the forward, and reverse pots and still when the tuner tunes, the radio get a mismatch. Its as if the tuner is trying to present something other than 50 ohms to the transmitter. Any ideas? If possible I would really rather repair it myself as opposed to sending it in for service. I'm capable of doing the work, but am looking for a little help in finding the trouble. Once its fixed I would like to do the chip upgrade. Any thoughts are greatly appreciated.
> Thanks
> Rob K4MAU
>

4837. Z-100 Plus Problem - Need Help !!

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-07-20 06:10:14 UTC
From: ja0por
Topic: 4837 Message: 4837

Hi to all,

Recently Ive purchased the LDG tuner Z-100Plus
(My 2nd LDG tuner after Z-11Pro)

Its been working fine for about a month since received but
now not functioning at all.

Setup:
Radio used :IC-7200 with Icom cable supplied
RF power : less than 50w - mostly 10 to 20 w
Antenna used : End Fed Antenna SWR <2.5:1

Symptom:

It would not tune and even the LEDs not light.

First I was trying to toggle Bypass Mode but in vain
Noticed the DC voltage at the power jack will be dropped when
press the "Tune" button and the voltage stays there (around 5VDC with 12VDC input)
It came back to 12VDC only by cylcling the power.

Before sending it back to the LDG for repair under warranty
I wonder if there is something to check more for me ??

Any suggestions/thoughts will be much appreciated.

73s de Mano JA0POR

4838. RE: [LDG-auto-tuners] AT-11MP Problem

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-07-20 15:37:24 UTC
From: Jerry Haigwood
Topic: 4835 Message: 4838

Rob,

Check the diodes in the SWR circuit.

Jerry W5JH

From: LDG-auto-tuners@yahoogroups.com
[mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of k4mau
Sent: Thursday, July 14, 2011 10:01 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] AT-11MP Problem

Hello to the group.
My name is Rob, and I've been an active ham for 11 years. I have a fair amount of home brewing experience, as well as some radio repair experience. I recently picked up a used AT-11MP tuner. I brought it home and checked it out. What it is doing is, when it tunes it will find a match but, the match is wrong. In other words when it tunes its self the radio will see a high swr, about 2.5 to 1. If I manually adjust it I can make a good match for the radio, and then the meter in the AT-11 will read 2.5 to 1(or so). I changed coax jumpers, put it on a good dummy load and a good antenna. In bypass the radio sees the dummy load as good, and the antenna as it normally does such as 1.5 to 1. If I activate the tuner and feed a 10 watt or so carrier in, the tuner will click away and settle on a match that its meter reads as 1.2 or so. But then the radio will see 2.5 or so. Again I can manually change the tune and make a good match for the radio, and then the tuner's meter will read 2.5 or so. Changing coaxes , loads, and varying the power level, and the results are the same. If I tune in to a ggod load or a mismatch, again the result are the same. I have tried adjusting the forward, and reverse pots and still when the tuner tunes, the radio get a mismatch. Its as if the tuner is trying to present something other than 50 ohms to the transmitter. Any ideas? If possible I would really rather repair it myself as opposed to sending it in for service. I'm capable of doing the work, but am looking for a little help in finding the trouble. Once its fixed I would like to do the chip upgrade. Any thoughts are greatly appreciated.
Thanks
Rob K4MAU

[Non-text portions of this message have been removed]

4839. Re: AT-11MP Problem

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-07-21 03:27:34 UTC
From: Dwayne
Topic: 4835 Message: 4839

Great advice Jerry,

A long, long time ago, LDG used to use 1N4148 diodes in the SWR sensor. They worked fine, but are susceptible to static discharge and nearby lightning strikes. For the past 10 years, we've use the 1N34Aa with a much better low voltage detect and a higher PIV.

Anytime we get a unit in for repair, one of first things we look for is to put in 1N34As.

Dwayne Kincaid

>
> Rob,
>
> Check the diodes in the SWR circuit.
>
> Jerry W5JH
>
>
>
> Hello to the group.
> My name is Rob, and I've been an active ham for 11 years. I have a fair
> amount of home brewing experience, as well as some radio repair experience.
> I recently picked up a used AT-11MP tuner. I brought it home and checked it
> out. What it is doing is, when it tunes it will find a match but, the match
> is wrong. In other words when it tunes its self the radio will see a high
> swr, about 2.5 to 1. If I manually adjust it I can make a good match for the
> radio, and then the meter in the AT-11 will read 2.5 to 1(or so). I changed
> coax jumpers, put it on a good dummy load and a good antenna. In bypass the
> radio sees the dummy load as good, and the antenna as it normally does such
> as 1.5 to 1. If I activate the tuner and feed a 10 watt or so carrier in,
> the tuner will click away and settle on a match that its meter reads as 1.2
> or so. But then the radio will see 2.5 or so. Again I can manually change
> the tune and make a good match for the radio, and then the tuner's meter
> will read 2.5 or so. Changing coaxes , loads, and varying the power level,
> and the results are the same. If I tune in to a ggod load or a mismatch,
> again the result are the same. I have tried adjusting the forward, and
> reverse pots and still when the tuner tunes, the radio get a mismatch. Its
> as if the tuner is trying to present something other than 50 ohms to the
> transmitter. Any ideas? If possible I would really rather repair it myself
> as opposed to sending it in for service. I'm capable of doing the work, but
> am looking for a little help in finding the trouble. Once its fixed I would
> like to do the chip upgrade. Any thoughts are greatly appreciated.
> Thanks
> Rob K4MAU
>
>

>
>
>
> [Non-text portions of this message have been removed]
>

4840. Re: AT-11MP Problem

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-07-23 13:20:15 UTC
From: k4mau
Topic: 4835 Message: 4840

Hi all
Thanks for all the suggestions. I was suspect of the diodes. One of them tests different. I wasn't sure due to testing them still on the board. I don't have any 1N34A diodes, but I have some marked 1N914/1N4148. Are these ok to replace the one that seems to test diferent? If this solves the problem I will order some 1N34As and replace both the forward and reverse diodes.
Thanks all
Rob K4MAU

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
> Great advice Jerry,
>
> A long, long time ago, LDG used to use 1N4148 diodes in the SWR sensor. They worked fine, but are susceptible to static discharge and nearby lightning strikes. For the past 10 years, we've use the 1N34Aa with a much better low voltage detect and a higher PIV.
>
> Anytime we get a unit in for repair, one of first things we look for is to put in 1N34As.
>
> Dwayne Kincaid
>
>
> >
> > Rob,
> >
> > Check the diodes in the SWR circuit.
> >
> > Jerry W5JH
> >
> >
> >
> > Hello to the group.
> > My name is Rob, and I've been an active ham for 11 years. I have a fair
> > amount of home brewing experience, as well as some radio repair experience.
> > I recently picked up a used AT-11MP tuner. I brought it home and checked it
> > out. What it is doing is, when it tunes it will find a match but, the match
> > is wrong. In other words when it tunes its self the radio will see a high
> > swr, about 2.5 to 1. If I manually adjust it I can make a good match for the
> > radio, and then the meter in the AT-11 will read 2.5 to 1(or so). I changed
> > coax jumpers, put it on a good dummy load and a good antenna. In bypass the
> > radio sees the dummy load as good, and the antenna as it normally does such
> > as 1.5 to 1. If I activate the tuner and feed a 10 watt or so carrier in,
> > the tuner will click away and settle on a match that its meter reads as 1.2
> > or so. But then the radio will see 2.5 or so. Again I can manually change
> > the tune and make a good match for the radio, and then the tuner's meter

> > will read 2.5 or so. Changing coaxes , loads, and varying the power level,
> > and the results are the same. If I tune in to a ggod load or a mismatch,
> > again the result are the same. I have tried adjusting the forward, and
> > reverse pots and still when the tuner tunes, the radio get a mismatch. Its
> > as if the tuner is trying to present something other than 50 ohms to the
> > transmitter. Any ideas? If possible I would really rather repair it myself
> > as opposed to sending it in for service. I'm capable of doing the work, but
> > am looking for a little help in finding the trouble. Once its fixed I would
> > like to do the chip upgrade. Any thoughts are greatly appreciated.
> > Thanks
> > Rob K4MAU
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

4841. AT-897 Plus Blinking light

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-07-22 17:36:05 UTC
From: marshallglowplug
Topic: 4841 Message: 4841

just turned on the radio i have a Yaesu 897D, attached is the AT-897 Plus auto tuner, and when i turn the radio on the LED light just blinks and the tuner refuses to function at all.

Any suggestions?

4842. Re: AT-11MP Problem

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-07-24 12:25:27 UTC
From: n0sya
Topic: 4835 Message: 4842

Hi all.
In regards to the diode, perhaps this would be a better substitute than a germanium, as germaniums are not very hardy and not quite as common anymore. It also has a forward voltage breakdown comparable to germaniums and in all other ways superior to germaniums.

http://www.angelfire.com/electronic2/index1/bat46.html

Chris

4843. IT 100 Control Cable Extension Cord

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-07-27 21:46:34 UTC
From: donaldsinger77
Topic: 4843 Message: 4843

All:

Want to put my IT 100 outside in a weatherproof case. But, cannot do this unless I have a 40' control cable for my IC 7410 (from IT 100). Anyone know of a source for extension cables? Will they work at that distance?

Thanks,
Don

4844. July 2011 LDG Update

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-07-28 06:00:57 UTC
From: Dwayne
Topic: 4844 Message: 4844

Hello Folks,

We finally got the new Z-817H units out the door last week. They should be showing up on the dealers shelves any day now. These will work with any QRP radio or QRP radio with an amp of approximately 50 watts. Yes, we know some of those amps go over 50 watts on some bands, so we put a good sized buffer zone in there to handle it to about 75 watts.

There has been some confusion on the connection configuration. The FT-817D that we have and the Tokyo High Power HL-45B can both be connected with the Z-817H in line. Ours connected like this: the tuner interface cable goes to the ACC Port (CAT-Port) and the Amp interface cable went to the Data Port (Band data).

Also we got caught up with our AT-600Pro tuners this month. We had a temporary back order of certain parts that put about a month and a half delay in getting these out the door. We're all back in stock now and dealers will have those available to fill any back orders next week.

We finally got our Alinco DX-SR8T transceiver in to test with our AL-PAC Alinco interface cable and found that it does not work. It looks like Alinco made some changes to the tuner port interface on the SR8T (we have not found out exactly what yet) and it will not work with our interface cable. Not to worry though, you can still use our tuners in Auto mode and the tuner will tune when it senses the RF, SWR and frequency and determine if it needs to tune automatically. You can also key the SR8T in a carrier mode and push the tune button on the tuner to start a tuning sequence.

Lastly, we have come to a very difficult decision for our product accessories. In the 17 years of LDGs existence, we have never had a price increase on an existing product. The good news is that we intend to keep it that way for as long as we possibly can. The bad news is that the skyrocketing cost of copper wire in the past 12 months has forced us to discontinue including the optional cables with our tuners.
Rather than go through and create a price increase for every product that will last for the foreseeable future, we'll keep the tuner prices the same, but not include the coax cables with each tuner. Also our generic tuners (Z-100Plus, Z-11ProII, AT-100ProII, ect) will no longer include an Icom interface cable. You may remember that we discontinued including the Y-ACC cable with our generic tuners this past Spring.
Not to worry too much as all generic tuners will still include a DC power cable. In addition, all tuners that are "radio specific" will include the radio interface cable. For example, the IT-100 will still include the proper Icom Interface cable. Same goes for the Kenwood and Yaesu specific tuners.
The decision was already on this path as we now have five optional cables for our generic tuners and it's simply not feasible to include all optional cables with every tuner. Most dealers will be picking up several of the five optional cables this spring and of course, you can also purchase any of our optional or replacement cables at www.cheapham.com or www.w4rt.com. In addition, the wiring diagrams for our optional cables are available on our web site.

That's it for this month,

Dwayne Kincaid
LDG

4845. Re: AT-897 Plus Blinking light

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-07-28 15:43:17 UTC
From: Howard
Topic: 4841 Message: 4845

I've had a similar problem with my YT-100 and FT-100 and it seems to be an issue with the CAT line, either the cable wasn't plugged in the computer or I had a loose connection on the back of the tuner. I turn on my FT-100 first then boot up the Fldigi program. Let me know if this helps.

73,
Howard
WB4GUD

4846. Re:

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-07-29 19:40:26 UTC
From: marshallglowplug@yahoo.ca
Topic: 4846 Message: 4846

actually i fixed this problem forgot to update the group. I did a menu reset on the radio, and everything works fine now. Thanks.

[Non-text portions of this message have been removed]

4847. RT-11 diode question.....

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-07-29 17:27:45 UTC
From: N0UR
Topic: 4847 Message: 4847

She stopped working on me. May be due to a lightning strike near the house a few weeks ago. No visable damage, but looks like one the the diodes is bad, D3. What would be a replacement?

Thanks
Jim

4848. Re: [LDG-auto-tuners] RT-11 diode question.....

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-07-29 23:28:25 UTC
From: cpu_nut
Topic: 4847 Message: 4848

The diodes are 1N34A germanium which have a lower initial conduction voltage than the more popular 1N4000 series silicon diodes.

Unless someone else has a better idea, I'd try to find the 1N34A type for best SWR low sensitivity.

I did a quick Google search and seems like the 1N34A is still cheaply available.

Maybe call LDG and see what they suggest if you have a concern.

Craig

--- On Fri, 7/29/11, N0UR <n0ur@...> wrote:

> From: N0UR <n0ur@...>
> Subject: [LDG-auto-tuners] RT-11 diode question.....
> To: LDG-auto-tuners@yahoogroups.com
> Date: Friday, July 29, 2011, 1:27 PM
>
> She stopped working on me. May be due to a lightning
> strike near the house a few weeks ago. No visable
> damage, but looks like one the the diodes is bad, D3.
> What would be a replacement?
>
> Thanks
> Jim
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>   LDG-auto-tuners-fullfeatured@yahoogroups.com
>
>
>

4850. Re: IT 100 Control Cable Extension Cord

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-07-31 17:37:50 UTC
From: John
Topic: 4843 Message: 4850

If it is like the ICOM interface cable shown on the LDG web site all you need is some 4 conductor shielded cable. Cut your existing cable at the molex conductor and splice each piece to the ends of your 40' cable. I would get the largest size conductor that is practicable like 20 AWG vs. 24 or 26.

John TI5/KI4SBJ

4851. Re: ldg-at1000pro 2.0

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-08-01 02:09:40 UTC
From: Mike Lichtman
Topic: 4851 Message: 4851

I have a LDG AT200 Pro tuner and it is advertised as being able to store settings for several antennas. They call it "3D memory". Is the AT1000 able to do that? If not the setting for one ant that you stored first might interfere with setting it for the second antenna. Did you try clearing the memory on the AT 1000 and starting from scratch? If you have an antenna analyzer, I would check things out with it. 73
Mike KF6KXG

4852. Re: Z-100 Plus Problem - Need Help !!

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-08-01 10:32:11 UTC
From: ja0por
Topic: 4837 Message: 4852

Hi to all,

This is to update my problem.

In short
Nothing is wrong with the Z-100Plus itself and
found the IC-7200 could be at fault

Since no feedback on this problem so far I was about shipping it back to the LDG for repair .....

I decided to do a final check to make sure the Z-100Plus still has a problem.
First double check with the second ICOM cable which was supplied with Z-11Plus but still the same result.
Then tried with an Ext DC cable supplied (dropping the Icom cable)

Wow ! No problem !
It does tune / toggle Bypass mode as well!

So my next step is to do troubleshooting on the IC-7200.
Maybe this guy refuses to give an enough 12VDC power??

Thanks and 73s de Mano JA0POR

--- In LDG-auto-tuners@yahoogroups.com, "ja0por" <ja0por@...> wrote:
>
> Hi to all,
>
> Recently Ive purchased the LDG tuner Z-100Plus
> (My 2nd LDG tuner after Z-11Pro)
>
> Its been working fine for about a month since received but
> now not functioning at all.
>
> Setup:
> Radio used :IC-7200 with Icom cable supplied
> RF power : less than 50w - mostly 10 to 20 w
> Antenna used : End Fed Antenna SWR <2.5:1
>
>
> Symptom:
>
> It would not tune and even the LEDs not light.
>
> First I was trying to toggle Bypass Mode but in vain
> Noticed the DC voltage at the power jack will be dropped when
> press the "Tune" button and the voltage stays there (around 5VDC with 12VDC input)

> It came back to 12VDC only by cylcling the power.
>
> Before sending it back to the LDG for repair under warranty
> I wonder if there is something to check more for me ??
>
> Any suggestions/thoughts will be much appreciated.
>
> 73s de Mano JA0POR
>

4853. Re: IT 100 Control Cable Extension Cord

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-08-01 23:13:32 UTC
From: donaldsinger77
Topic: 4843 Message: 4853

Good idea. Thanks.

--- In LDG-auto-tuners@yahoogroups.com, "John" <jckincy@...> wrote:
>
> If it is like the ICOM interface cable shown on the LDG web site all you need is some 4 conductor shielded cable. Cut your existing cable at the molex conductor and splice each piece to the ends of your 40' cable. I would get the largest size conductor that is practicable like 20 AWG vs. 24 or 26.
>
> John TI5/KI4SBJ
>

4854. Re: Selling My Gear, Including a Z-11Pro Ultra

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-08-03 23:32:24 UTC
From: kf4jzy
Topic: 4818 Message: 4854

Thanks for the responses; the autotuner has been sold.

Thanks,
Brent

--- In LDG-auto-tuners@yahoogroups.com, "kf4jzy" <brentgay@...> wrote:
>
> Hi Group,
> Since I moved from Florida to go to school in North Carolina, I have not
> setup any of my equipment in my apartment. So, instead of it gathering
> dust, I am looking to sell it.
>
> I have a used LDG Z-11Pro Ultra Autotuner I am selling for $130 shipped.
> I am also including a used LDG RBA 1:1 balun.
>
> This autotuner has been used inside only; no mobile use. I purchased
> this new and am original owner (non-smoker). It is in excellent
> condition and comes with the box, manual, radio cables, and power cable
> (you will need coax and batteries, if you want to use it battery
> powered). I used this with an Icom IC-718 (also for sale).
>
> I will only accept Paypal and USPS money orders; the autotuner will ship
> when payment has cleared, and I will provide buyer with delivery
> confirmation information. I will double box the autotuner as well. The
> autotuner is in fine working condition, but will be sold as-is without
> any warranty.
>
> I have other gear for sale as well, but I'm not sure if I can post that
> in this forum. If I can let me know, or let me know if you want me to
> send a listing of the other stuff I have via email.
>
> Thanks,
> Brent, KF4JZY
>
>
>
>
> [Non-text portions of this message have been removed]
>

4855. Re: IT 100 Control Cable Extension Cord

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-08-04 03:13:18 UTC
From: w5xj2011
Topic: 4843 Message: 4855

When you get it going take some pictures and put them on the site and tell us about the enclosure you used. I have used a cooler when portable with my IC 706 MK II G and a 31 foot vertical but it is not 100% weatherproof. i hope it works out well for you.

73 & good luck

W 5 X J

--- In LDG-auto-tuners@yahoogroups.com, "donaldsinger77" <don@...> wrote:
>
> All:
>
> Want to put my IT 100 outside in a weatherproof case. But, cannot do this unless I have a 40' control cable for my IC 7410 (from IT 100). Anyone know of a source for extension cables? Will they work at that distance?
>
> Thanks,
> Don
>

4856. Re: IT 100 Control Cable Extension Cord

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-08-04 18:58:16 UTC
From: donaldsinger77
Topic: 4843 Message: 4856

Me too!

D
--- In LDG-auto-tuners@yahoogroups.com, "w5xj2011" <cole505@...> wrote:
>
> When you get it going take some pictures and put them on the site and tell us about the enclosure you used. I have used a cooler when portable with my IC 706 MK II G and a 31 foot vertical but it is not 100% weatherproof. i hope it works out well for you.
>
> 73 & good luck
>
> W 5 X J
>
> --- In LDG-auto-tuners@yahoogroups.com, "donaldsinger77" <don@> wrote:
> >
> > All:
> >
> > Want to put my IT 100 outside in a weatherproof case. But, cannot do this unless I have a 40' control cable for my IC 7410 (from IT 100). Anyone know of a source for extension cables? Will they work at that distance?
> >
> > Thanks,
> > Don
> >
>

4857. FS LDG Z-100plus

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-08-07 17:28:11 UTC
From: Mark
Topic: 4818 Message: 4857

FS LDG Z-100plus. Used with my FT950. Works fine, looks good comes with manual & power cord.

Asking $95 plus shipping.
Mark
AA1OV

Di-Mar Imaging & Design
Quality Campground Maps & Brochures
1030 S. Barrel Cactus Ridge Lot 107
Benson, AZ 85602
campmaps@...

4858. Z-11 Pro II Memory Scheme

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-08-07 12:15:44 UTC
From: n1hy
Topic: 4858 Message: 4858

Hello,

I have an original LDG Z-100 auto tuner and I am looking into getting another LDG tuner, the Z-11 Pro II, however I have a question:

The original Z-11 Pro specs used to say it used a "3-D Memory Array" such that 4 banks were used for each frequency to record up to 4 different LC values per frequency, i.e. store values for up to 4 different antennas for the same frequency, for a total of 8000 memories.

The Z-11 Pro II, on the other hand, no longer talks about "3-D Memory" and says it has a total of 2000 memories and the tuner comparison chart says "# of banks = 1".

Is the Z-11 Pro II now using a different memory storage scheme compared to the older Z-11 Pro? If so, how does it treat storing/retrieving memory values when using more than one antenna on the same frequency, for example, when multiple antennas are hooked to an antenna switch?

Thanks,

-- Richard, N1HY

4859. WTB: AT-200PC

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-08-13 01:59:10 UTC
From: france0308@yahoo.com
Topic: 4859 Message: 4859

Hi Folks,

Looking for an AT-200PC for ALE. Any one out there have one spare to their requirements?

-France K6QO-

4860. RBA-4:1 or RU-4:1 ??

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-08-14 05:59:46 UTC
From: Ken
Topic: 4860 Message: 4860

LDG...

Other than the colour... what is the difference between the RBA-4:1 RU-4:1? Are there situation where one might be better than the other. Is the RU-4:1 sealed (water proof)..

Inquiring minds want to know! hi..

73 - Ken - VE5KC
- MM Hamsoft - http://hamsoft.ca
- VE5KC - http://ham-radio.ca
- Amateur Radio Link - http://amateur-radio.ca

4861. AT-600pro Bypass power off

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-08-16 14:24:33 UTC
From: oe6kyg
Topic: 4861 Message: 4861

just installed may new 600pro
when i switch off the tuner by holding power longer the tuner switches off after abt 0,5 sec and does not bypass - receiver deaf
holding power knob any longer >3sec has no effect
pull power cable off >> receiver deaf

is it realy so that i have to power the 600pro to switch throug to my antenna ???

4862. repair time

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-08-16 23:05:38 UTC
From: Murf
Topic: 4862 Message: 4862

has anyone sent in items for repair? I am wondering what the average turn around time is ?

tnx
Murf
n7uvh

4863. Re: repair time

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-08-17 10:11:02 UTC
From: bsip_9
Topic: 4862 Message: 4863

--- In LDG-auto-tuners@yahoogroups.com, "Murf" <n7uvh01@...> wrote:
>
> has anyone sent in items for repair? I am wondering what the average turn around time is
?
>
> tnx
> Murf
> n7uvh
>
Hi Murf,

I was quoted a turn-round time of 2 to 3 weeks after they had received the faulty unit but to date, I have been waiting for 5 weeks and still no news!

To be fair, I was advised that repairs are carried out in rotation as faulty items are received and that LDG does not have a dedicated repair technician.
There are no other repair centres.
Regards,
Wes

4864. Re: [LDG-auto-tuners] repair time

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-08-17 15:56:02 UTC
From: Nine whisky two Charlie echo hotel
Topic: 4862 Message: 4864

Hi Murf,

I've sent my LDG AT-200Pro for repair before.
Take's about couple of weeks before they return mine's.
Thank god it's still under warranty.
If I'm not mistaken, they will charge from $35 ++ for non-warranty repair.
Please go and check their site http://www.ldgelectronics.com/c/269/tech-support-warranty

Bonar,
de 9W2CEH

4865. Re: AT-600pro Bypass power off

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-08-17 16:53:29 UTC
From: Dwayne
Topic: 4861 Message: 4865

Try the other antenna port on the back. It's probably the one that is connected straight through when the tuner is off.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "oe6kyg" <kk@...> wrote:
>
> just installed may new 600pro
> when i switch off the tuner by holding power longer the tuner switches off after abt 0,5 sec and does not bypass - receiver deaf
> holding power knob any longer >3sec has no effect
> pull power cable off >> receiver deaf
>
> is it realy so that i have to power the 600pro to switch throug to my antenna ???
>

4866. Re: repair time

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-08-17 22:11:34 UTC
From: Murf
Topic: 4862 Message: 4866

Tnx for info fellas... 5 weeks.. I will relax some.. for I am into it for 3 weeks and have not heard any thing.. just the tracking info that it got there. so will hang for a few more weeks before I call.
73
God Bless
Murf
n7uvh

--- In LDG-auto-tuners@yahoogroups.com, Nine whisky two Charlie echo hotel <my_9w2ceh@...> wrote:
>
> Hi Murf,
>
> I've sent my LDG AT-200Pro for repair before.
> Take's about couple of weeks before they return mine's.
> Thank god it's still under warranty.
> If I'm not mistaken, they will charge from $35 ++ for non-warranty repair.
> Please go and check their site http://www.ldgelectronics.com/c/269/tech-support-warranty
>
>
> Bonar,
> de 9W2CEH
>

4867. Re: AT-600pro Bypass power off

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-08-18 06:47:43 UTC
From: oe6kyg
Topic: 4861 Message: 4867

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
mny tnx for info
the antenna-port number 2 is bypassed when the tuner is off

>
> Try the other antenna port on the back. It's probably the one that is connected straight through when the tuner is off.
>
> Dwayne Kincaid
> LDG
>
> --- In LDG-auto-tuners@yahoogroups.com, "oe6kyg" <kk@> wrote:
> >
> > just installed may new 600pro
> > when i switch off the tuner by holding power longer the tuner switches off after abt 0,5 sec and does not bypass - receiver deaf
> > holding power knob any longer >3sec has no effect
> > pull power cable off >> receiver deaf
> >
> > is it realy so that i have to power the 600pro to switch throug to my antenna ???
> >
>

4868. New poll for LDG-auto-tuners

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-08-19 02:17:29 UTC
From: LDG-auto-tuners@yahoogroups.com
Topic: 485 Message: 4868

Enter your vote today! A new poll has been created for the
LDG-auto-tuners group:

Would you consider buying a weatherproof 100 - 200 watt remote auto-tuner if LDG made one?

o Yes
o No
o Only if it cost less than $500
o ....less than $400
o ....less than $300

To vote, please visit the following web page:
http://groups.yahoo.com/group/LDG-auto-tuners/surveys?id=13097863

Note: Please do not reply to this message. Poll votes are
not collected via email. To vote, you must go to the Yahoo! Groups
web site listed above.

Thanks!

4869. Remote Auto Tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-08-19 13:37:53 UTC
From: kteb7355
Topic: 4869 Message: 4869

I would want it to be battery capable like the Z11 Pro II. So only a coax would have to be run.

4870. Re: Remote Auto Tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-08-20 16:25:21 UTC
From: kb0naz
Topic: 4869 Message: 4870

or an internal Bias-T
Scott KB0NAZ

--- In LDG-auto-tuners@...m, "kteb7355" <k0ktb@...> wrote:
>
> I would want it to be battery capable like the Z11 Pro II. So only a coax would have to be run.
>

4871. Remote Auto ATU.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-08-20 10:14:50 UTC
From: bsip_9
Topic: 4871 Message: 4871

Hi everyone,

I would certainly buy such a beast if it were reasonably priced and agree with others that it should be powered by batteries. Also, since many will want to drive short verticals directly with the resultant low R and high reactance's,(e.g. on 80/160M,)the ATU should be designed to be as efficient as is possible with large diameter torroids etc.

An interesting challenge to the designers to meet both cost and efficiency targets!!

73 all,
Wes.
EA5/GW3RIH

4872. Re: Remote Auto ATU.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-08-23 19:12:57 UTC
From: donaldsinger77
Topic: 4871 Message: 4872

Count me in.

Don
KF7QZB

--- In LDG-auto-tuners@yahoogroups.com, "bsip_9" <wes@...> wrote:
>
>
> Hi everyone,
>
> I would certainly buy such a beast if it were reasonably priced and agree with others that it should be powered by batteries. Also, since many will want to drive short verticals directly with the resultant low R and high reactance's,(e.g. on 80/160M,)the ATU should be designed to be as efficient as is possible with large diameter torroids etc.
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> An interesting challenge to the designers to meet both cost and efficiency targets!!
>
> 73 all,
> Wes.
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4873. Would you consider buying a weatherproof 100 - 200 watt remote auto-tuner if LDG

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-08-23 21:58:54 UTC
From: Kyle N4NSS
Topic: 4873 Message: 4873

They already have... RT-11

Kyle N4NSS

4874. Remote tune dipole

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-08-24 01:53:47 UTC
From: Ford Peterson
Topic: 4874 Message: 4874

I☐ve been playing around with my LDG-100Pro tuner and a short 80M dipole using a remote configuration.

My goal is to make a 75M-80M dipole that tunes using the tuner mounted at the feed point of the dipole. Starting with two collapsible 12☐ long fiberglass poles, I☐ve added 4☐ stainless whips to the end. So the end-to-end fixture is about 32☐. That☐s 1/4wL on 40M and about 1/8wL on 80M. It☐s pretty short. So I did some modeling using www.nec2go.com and found that the system would resonate at about 20 ohms with a load of 106uH mounted 9☐ from the center. I fabricated a load of 106uH and mounted one of them at the proper point on each ½ of the dipole. www.n0fp.com It☐s very narrow of course. The Q of the inductor(s) is pushing 600. 2:1 SWR points after matching are only +/- 15KHz. That☐s the reason for the autotuner right?

So I built a DC bias-T, mounted the tuner and T into an enclosure and mounted it at the center of the dipole. The Bias-T was checked that out so that it handles 1A and is over 36K of isolation. E.g. 0.27uF and 1650uH choke.

After mounting, running DC power, and screwing around with the setup menus, the tuner will get a match of about 2.5 : 1 and stop tuning. It really needs to search to find the match on 75-80M. I hear the relays clacking for maybe 10 seconds or more. I☐m testing at about 10W of power. It will not hold the match. Key up, and then key down again and off she goes searching for a illusive match. I☐m pretty sure it is because I☐m not finding a good 50 ohm match and it stops tuning at the best match. Key up and the cycle repeats.

I☐ve tried running a DC cord outside the feedline and the performance is identical. So even with the Bias-T out of the equation, I☐m still getting this poor match and cycling problem.

I☐d love to buy a clue. This is just a dipole! It can☐t be that tough! I do have a current balun on the input and the output. But they are 1:1 and shouldn☐t represent a problem to the tuner.

I☐ll do a blog posting with pictures if I can get this to work.

Thanks for the help.

73

Ford-N0FP

[Non-text portions of this message have been removed]

4875. Re: Remote tune dipole

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-08-24 11:43:16 UTC
From: k2lrv
Topic: 4874 Message: 4875

so you have the tuner right at the center of the dipole?

I am going to say RFI is your problem.

--- In , "Ford Peterson" <.> wrote:
>
> I've been playing around with my LDG-100Pro tuner and a short 80M dipole
> using a remote configuration.
>
>
>
> My goal is to make a 75M-80M dipole that tunes using the tuner mounted at
> the feed point of the dipole. Starting with two collapsible 12' long
> fiberglass poles, I've added 4' stainless whips to the end. So the
> end-to-end fixture is about 32'. That's 1/4wL on 40M and about 1/8wL on
> 80M. It's pretty short. So I did some modeling using and
> found that the system would resonate at about 20 ohms with a load of 106uH
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> Thanks for the help.
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> 73
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>
> Ford-N0FP
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> [Non-text portions of this message have been removed]
>

4876. Re: [LDG-auto-tuners] Remote tune dipole

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-08-24 12:31:04 UTC
From: Leonard K. Pennock
Topic: 4874 Message: 4876

Sounds like you may be having RFI issues. Try a rf choke on the antenna side feed line.

Ford Peterson <ford@highmarks.com> wrote:

>I□ve been playing around with my LDG-100Pro tuner and a short 80M dipole
>using a remote configuration.
>
>
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>My goal is to make a 75M-80M dipole that tunes using the tuner mounted at
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>for a illusive match. I□m pretty sure it is because I□m not finding a good
>50 ohm match and it stops tuning at the best match. Key up and the cycle
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>I□ve tried running a DC cord outside the feedline and the performance is
>identical. So even with the Bias-T out of the equation, I□m still getting
>this poor match and cycling problem.

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>I□d love to buy a clue. This is just a dipole! It can□t be that tough! I
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>shouldn□t represent a problem to the tuner.
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>I□ll do a blog posting with pictures if I can get this to work.
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>Thanks for the help.
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>73
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>
>Ford-N0FP
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>[Non-text portions of this message have been removed]
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>Yahoo! Groups Links
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4877. RE: [LDG-auto-tuners] Remote tune dipole

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-08-24 14:31:36 UTC
From: Ford Peterson
Topic: 4874 Message: 4877

I have been using a current balun on the output side (port 1). It's a pair of type 43 beads with about 6 turns through the cores. The input back to the rig is also on a current balun using 4 of the same beads with about 6 turns of RG58 through the cores.

Question about the specs on this AT-100PRO tuner. The specs indicate that it will match anything from 6 to 1000 ohms and with a 4:1 balun 6 to 4000. I'm used to seeing impedances stated as R,+/-j. So is this range an indication of Z? Several have told me it is a direct reference to R and not Z. Z of course is the square root of the sum of the squares of R and j. If it is an indication of Z, then the tuning range of this tuner is amazingly narrow. I've tried slewing around to find out if there is a sweet spot somewhere in the band but the same result occurs pretty much anywhere between 3.5 and 4.0MHz.

The modeling suggests about 5dB of wire losses in those loading coils. Maybe they are simply too big? (e.g. the dipole too short?) 106uH at 3.5MHz is an inductive reactance of XL=2331 ohms at 3.5MHz. That will resonate with 20pF, which is about the capacitance of that length of wire. Maybe I need to set the dipole on a step ladder, remove the tuner from the circuit, and measure to see if the XL=XC point is somewhere in the band and try using the auto-tuner there.

One other person suggested I bag 80M and move to build the 40M loads and try tuning there just to work the bugs out of it.

The output balun is likely very important. Since the shield of the SO239 connector is directly connected to 1/2 of the dipole right at the case, the case itself becomes part of the dipole but for the current balun.

I have a SGC-230 tuner mounted at the base of a 58' insulated tower powered by a similar bias-t. It's got 350' of coax back to the shack so remote tuning is a serious feature. I can tune the antenna anywhere from 1.8 to 30 MHz instantly. That tuner's specification says it will tune any wire from 1.8 to 30MHz as long as it is longer than 22' and shorter than 80'. It is not spec'ed in terms of an R or Z value. So I'm curious as to what the 6 to 1000 ohm reference in the spec is referring to.

XL=XC=1000 ohms at 3.5MHz is 45.5uH and 45.5pF.

I really wish they gave us a schematic of these tuners so we can see what the heck values they are using. Is that info available anywhere?

Ford-N0FP

-----Original Message-----
From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Leonard K. Pennock
Sent: Wednesday, August 24, 2011 7:31 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] Remote tune dipole

Sounds like you may be having RFI issues. Try a rf choke on the antenna side feed line.

Ford Peterson <ford@...> wrote:

>I’ve been playing around with my LDG-100Pro tuner and a short 80M
>dipole using a remote configuration.
>
>
>
>My goal is to make a 75M-80M dipole that tunes using the tuner mounted
>at the feed point of the dipole. Starting with two collapsible 12’
>long fiberglass poles, I’ve added 4’ stainless whips to the end. So
>the end-to-end fixture is about 32’. That’s 1/4wL on 40M and about
>1/8wL on 80M. It’s pretty short. So I did some modeling using
>www.nec2go.com and found that the system would resonate at about 20
>ohms with a load of 106uH mounted 9’ from the center. I fabricated a
>load of 106uH and mounted one of them at the proper point on each ½ of
>the dipole. www.n0fp.com It’s very narrow of course. The Q of the
>inductor(s) is pushing 600. 2:1 SWR points after matching are only +/-
>15KHz. That’s the reason for the autotuner right?
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>So I built a DC bias-T, mounted the tuner and T into an enclosure and
>mounted it at the center of the dipole. The Bias-T was checked that
>out so that it handles 1A and is over 36K of isolation. E.g. 0.27uF
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>After mounting, running DC power, and screwing around with the setup
>menus, the tuner will get a match of about 2.5 : 1 and stop tuning. It
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>power. It will not hold the match. Key up, and then key down again
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>I’d love to buy a clue. This is just a dipole! It can’t be that
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>they are 1:1 and shouldn’t represent a problem to the tuner.
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>I'll do a blog posting with pictures if I can get this to work.
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>Thanks for the help.
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>
>73
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>Ford-N0FP
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>[Non-text portions of this message have been removed]
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>Yahoo! Groups Links
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Yahoo! Groups Links

4878. Re: Remote tune dipole

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-08-25 10:19:40 UTC
From: ka5s
Topic: 4874 Message: 4878

The answer could be pretty simple.

Assume for a moment that you have already already matched the (low) input impedance. There is a total of 212 uH of inductance in the coils. It's a resonant circuit. To move down just 10 percent, from 4 to 3.6 MHz, you must increase the inductive reactance by 20 percent, or 42 uH. Doing it at the center, instead of half way out, you need about half that much or 21 uH -- but that's already more than the total of all the the inductors in the tuner.

And that's BEFORE you match the 20 ohms or so you are feeding.

The tuner will handle matching, plus a change about equal to the square root of the difference in inductive reactance it can manage afterwards.

You can improve things a bit by using a shunt inductor at the feed point to match 50 Ohms without the tuner. (2 or 3 uH -- experiment.) That will make more of the tuner's inductance available for QSY.

Cortland
KA5S

--- In LDG-auto-tuners@yahoogroups.com, "Ford Peterson" <ford@...> wrote:
>
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> using a remote configuration.
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> I'll do a blog posting with pictures if I can get this to work.
>
>
>
> Thanks for the help.
>
>
>
> 73

> Ford-N0FP
>
>
>
> [Non-text portions of this message have been removed]
>

4879. RE: [LDG-auto-tuners] Re: Remote tune dipole

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-08-25 15:16:24 UTC
From: Ford Peterson
Topic: 4874 Message: 4879

Good points! One of my frustrations with the LDG is that I don't know what the heck is in it. They don't make a schematic available. You indicate that 21uH is more than what's available. How did you know that?

I will experiment with the shunt inductor. I'm thinking I will have to build a fixture to hold the darn antenna at a point where I can put some instruments on and actually measure what's going on. There must be a solution to this. There may also be a strategy in moving it slightly below the band so that tuning out the inductive reactance uses the capacitor side of the tuner instead of the inductor side. Since the load is fixed, I can get the 'tuning' done by moving it closer and farther from the center where the load represents more-or-less significant to resonance.

Let me do some measurements and report back my findings. Unfortunately this 'work' thing is getting in the way of fun. Maybe this evening or over the weekend.

73

Ford

-----Original Message-----
From: LDG-auto-tuners@yahoogroups.com
[mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of ka5s
Sent: Thursday, August 25, 2011 5:20 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: Remote tune dipole

The answer could be pretty simple.

Assume for a moment that you have already already matched the (low) input impedance. There is a total of 212 uH of inductance in the coils. It's a resonant circuit. To move down just 10 percent, from 4 to 3.6 MHz, you must increase the inductive reactance by 20 percent, or 42 uH. Doing it at the center, instead of half way out, you need about half that much or 21 uH -- but that's already more than the total of all the the inductors in the tuner.

And that's BEFORE you match the 20 ohms or so you are feeding.

The tuner will handle matching, plus a change about equal to the square root of the difference in inductive reactance it can manage afterwards.

You can improve things a bit by using a shunt inductor at the feed point to match 50 Ohms without the tuner. (2 or 3 uH -- experiment.) That will make more of the tuner's inductance available for QSY.

Cortland
KA5S

--- In LDG-auto-tuners@...m, "Ford Peterson" <ford@...> wrote:
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> Ford-N0FP
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>
> [Non-text portions of this message have been removed]
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Yahoo! Groups Links

4880. RE: [LDG-auto-tuners] Re: Remote tune dipole

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-08-26 01:56:51 UTC
From: Ford Peterson
Topic: 4874 Message: 4880

Cortland, and others...

I think I am seeking the allusive holy grail here. After doing some more modeling with www.nec2go.com I find that the darn antenna is so narrow it is virtually unusable even with the auto tuner. By placing a 1012pF capacitor across the dipole element, I can obtain a perfect match by moving the load in and out towards the tip. Tuning this for a fixed frequency would be possible. But a QSY is a major undertaking--even with an auto-tuner!

MHz Inches from center, a 1.1 : 1 or less match can be obtained by moving the load(s) to + and -
3.5 97.93"
3.6 101.69"
3.7 106.67"
3.8 111.24"
3.9 115.42"
4.0 118.76"

Unfortunately, a given match only holds for +/- 5 KHz! That's the 2:1 bandwidth point according to the model when using a Q=520. In fact, moving the coil along that line is so precise, moving it down 5KHz is now 2:1 SWR but can be tuned back to perfection by moving the coil a petty 0.200" towards the center of the dipole!

As another example, tuning to 3.750MHz I have a distance of 9.08' for an SWR or 1.07:1 with an impedance of 53 - j0.4. QSY to 3.800 and the SWR swings to 76:1 with an impedance of 1 -j42 There is no way to match that with the autotuner.

The conclusion I'm coming to here is that center loading a 32' dipole is simply unpractical at 75M/80M. Base loading may be possible but the autotuner is superfluous to the real need to either change the massive load or move it along the antenna. Doing this remotely is an anathema to me at the moment. There is no substitute for size when it comes to low frequencies!

Ford-N0FP

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[mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of ka5s
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To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: Remote tune dipole

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And that's BEFORE you match the 20 ohms or so you are feeding.

The tuner will handle matching, plus a change about equal to the square root of the difference in inductive reactance it can manage afterwards.

You can improve things a bit by using a shunt inductor at the feed point to match 50 Ohms without the tuner. (2 or 3 uH -- experiment.) That will make more of the tuner's inductance available for QSY.

Cortland
KA5S

--- In LDG-auto-tuners@yahoogroups.com, "Ford Peterson" <ford@...> wrote:
>
> I've been playing around with my LDG-100Pro tuner and a short 80M
> dipole using a remote configuration.
>
>
>
> My goal is to make a 75M-80M dipole that tunes using the tuner mounted
> at the feed point of the dipole. Starting with two collapsible 12'
> long fiberglass poles, I've added 4' stainless whips to the end. So
> the end-to-end fixture is about 32'. That's 1/4wL on 40M and about
> 1/8wL on 80M. It's pretty short. So I did some modeling using
> www.nec2go.com and found that the system would resonate at about 20
> ohms with a load of 106uH mounted 9' from the center. I fabricated a
> load of 106uH and mounted one of them at the proper point on each ½ of
> the dipole. www.n0fp.com It's very narrow of course. The Q of the
> inductor(s) is pushing 600. 2:1 SWR points after matching are only
> +/- 15KHz. That's the reason for the autotuner right?
>
>
>
> So I built a DC bias-T, mounted the tuner and T into an enclosure and
> mounted it at the center of the dipole. The Bias-T was checked that
> out so that it handles 1A and is over 36K of isolation. E.g. 0.27uF
> and 1650uH choke.
>
>
>
> After mounting, running DC power, and screwing around with the setup
> menus, the tuner will get a match of about 2.5 : 1 and stop tuning.
> It really needs to search to find the match on 75-80M. I hear the
> relays clacking for maybe 10 seconds or more. I'm testing at about

> 10W of power. It will not hold the match. Key up, and then key down
> again and off she goes searching for a illusive match. I'm pretty
> sure it is because I'm not finding a good
> 50 ohm match and it stops tuning at the best match. Key up and the
> cycle repeats.
>
>
>
> I've tried running a DC cord outside the feedline and the performance
> is identical. So even with the Bias-T out of the equation, I'm still
> getting this poor match and cycling problem.
>
>
>
> I'd love to buy a clue. This is just a dipole! It can't be that
> tough! I do have a current balun on the input and the output. But
> they are 1:1 and shouldn't represent a problem to the tuner.
>
>
>
> I'll do a blog posting with pictures if I can get this to work.
>
>
>
> Thanks for the help.
>
>
>
> 73

> Ford-N0FP
>
>
>
> [Non-text portions of this message have been removed]
>

Yahoo! Groups Links

4881. too impressed

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-08-26 11:36:26 UTC
From: Murf
Topic: 4881 Message: 4881

Just got my 1000pro back from repairs...
I cant begin to tell yea how impressed I am.. they went way above
the work I requested, new coveres to replace my scratched on. New
meter.. I did not know needed work.. upgraded the SO-239' to teflon.
plus the repairs that needed done... i have never that such good
service in the ham hobby. I am in the service industry myself and
when I find good service.. I let folks know. Hope you never have
to have a unit repaired.. but if you do.. you can relax on LDG

Murf
n7uvh

4882. Re: Remote tune dipole

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-08-27 02:24:38 UTC
From: ka5s
Topic: 4874 Message: 4882

That is the EASY question. Other tuners' L values may be a bit different, but the Z-11 schematic (for example) shows the sum of L1 through L8 is 20.5 uH.

Cortland

--- In LDG-auto-tuners@yahoogroups.com, "Ford Peterson" <ford@...> wrote:
>
> Good points! One of my frustrations with the LDG is that I don't know what
> the heck is in it. They don't make a schematic available. You indicate
> that 21uH is more than what's available. How did you know that?

4883. Re: Remote tune dipole

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-08-27 02:39:13 UTC
From: ka5s
Topic: 4874 Message: 4883

I suspect you are giving up too soon. Loading a short antenna on 80 meters does work. It's not very efficient, but it does work. Because of the high reactance needed to resonate its capacitance, you need a correspondingly high CHANGE in inductive reactance to QSY, that's all. Incidentally, if you have a 5 KHz 2:1 SWR bandwidth, you are doing EXTREMELY well -- if that is a real antenna and not a simulation. Heh.

You can see how far a TUNER will work for QSY'ing by looking how far from the resonant frequency its SWR matching range extends to. What you NEED is an adjustable inductor, probably at the feed point, and a way to couple to the antenna there, just like a 75 meter mobile antenna.

Good luck,

Cortland
KA5S

--- In LDG-auto-tuners@yahoogroups.com, "Ford Peterson" <ford@...> wrote:
>
> Cortland, and others...
>
> I think I am seeking the allusive holy grail here. After doing some more
> modeling with www.nec2go.com I find that the darn antenna is so narrow it is
> virtually unusable even with the auto tuner. By placing a 1012pF capacitor
> across the dipole element, I can obtain a perfect match by moving the load
> in and out towards the tip. Tuning this for a fixed frequency would be
> possible. But a QSY is a major undertaking--even with an auto-tuner!
>
> MHz Inches from center, a 1.1 : 1 or less match can be obtained by moving
> the load(s) to + and -
> 3.5 97.93"
> 3.6 101.69"
> 3.7 106.67"
> 3.8 111.24"
> 3.9 115.42"
> 4.0 118.76"
>
> Unfortunately, a given match only holds for +/- 5 KHz! That's the 2:1
> bandwidth point according to the model when using a Q=520. In fact, moving
> the coil along that line is so precise, moving it down 5KHz is now 2:1 SWR
> but can be tuned back to perfection by moving the coil a petty 0.200"
> towards the center of the dipole!
>
> As another example, tuning to 3.750MHz I have a distance of 9.08' for an SWR
> or 1.07:1 with an impedance of 53 - j0.4. QSY to 3.800 and the SWR swings
> to 76:1 with an impedance of 1 -j42 There is no way to match that with the
> autotuner.

>
> The conclusion I'm coming to here is that center loading a 32' dipole is
> simply unpractical at 75M/80M. Base loading may be possible but the
> autotuner is superfluous to the real need to either change the massive load
> or move it along the antenna. Doing this remotely is an anathema to me at
> the moment. There is no substitute for size when it comes to low
> frequencies!
>
> Ford-N0FP
>
>
> -----Original Message-----
> From: LDG-auto-tuners@yahoogroups.com
> [mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of ka5s
> Sent: Thursday, August 25, 2011 5:20 AM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: [LDG-auto-tuners] Re: Remote tune dipole
>
> The answer could be pretty simple.
>
> Assume for a moment that you have already already matched the (low) input
> impedance. There is a total of 212 uH of inductance in the coils. It's a
> resonant circuit. To move down just 10 percent, from 4 to 3.6 MHz, you must
> increase the inductive reactance by 20 percent, or 42 uH. Doing it at the
> center, instead of half way out, you need about half that much or 21 uH --
> but that's already more than the total of all the the inductors in the
> tuner.
>
> And that's BEFORE you match the 20 ohms or so you are feeding.
>
> The tuner will handle matching, plus a change about equal to the square root
> of the difference in inductive reactance it can manage afterwards.
>
> You can improve things a bit by using a shunt inductor at the feed point to
> match 50 Ohms without the tuner. (2 or 3 uH -- experiment.) That will make
> more of the tuner's inductance available for QSY.
>
>
>
> Cortland
> KA5S
>
> --- In LDG-auto-tuners@yahoogroups.com, "Ford Peterson" <ford@> wrote:
> >
> > I've been playing around with my LDG-100Pro tuner and a short 80M
> > dipole using a remote configuration.
> >
> >
> >
> > My goal is to make a 75M-80M dipole that tunes using the tuner mounted

> > at the feed point of the dipole. Starting with two collapsible 12'
> > long fiberglass poles, I've added 4' stainless whips to the end. So
> > the end-to-end fixture is about 32'. That's 1/4wL on 40M and about
> > 1/8wL on 80M. It's pretty short. So I did some modeling using
> > www.nec2go.com and found that the system would resonate at about 20
> > ohms with a load of 106uH mounted 9' from the center. I fabricated a
> > load of 106uH and mounted one of them at the proper point on each ½ of
> > the dipole. www.n0fp.com It's very narrow of course. The Q of the
> > inductor(s) is pushing 600. 2:1 SWR points after matching are only
> > +/- 15KHz. That's the reason for the autotuner right?
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> >
> > So I built a DC bias-T, mounted the tuner and T into an enclosure and
> > mounted it at the center of the dipole. The Bias-T was checked that
> > out so that it handles 1A and is over 36K of isolation. E.g. 0.27uF
> > and 1650uH choke.
> >
> >
> >
> > After mounting, running DC power, and screwing around with the setup
> > menus, the tuner will get a match of about 2.5 : 1 and stop tuning.
> > It really needs to search to find the match on 75-80M. I hear the
> > relays clacking for maybe 10 seconds or more. I'm testing at about
> > 10W of power. It will not hold the match. Key up, and then key down
> > again and off she goes searching for a illusive match. I'm pretty
> > sure it is because I'm not finding a good
> > 50 ohm match and it stops tuning at the best match. Key up and the
> > cycle repeats.
> >
> >
> >
> > I've tried running a DC cord outside the feedline and the performance
> > is identical. So even with the Bias-T out of the equation, I'm still
> > getting this poor match and cycling problem.
> >
> >
> >
> > I'd love to buy a clue. This is just a dipole! It can't be that
> > tough! I do have a current balun on the input and the output. But
> > they are 1:1 and shouldn't represent a problem to the tuner.
> >
> >
> >
> > I'll do a blog posting with pictures if I can get this to work.
> >
> >
> >
> > Thanks for the help.
> >

> >
> >
> > 73
>
> > Ford-N0FP
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>

4884. Re: [LDG-auto-tuners] Re: Remote tune dipole

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-08-27 09:20:17 UTC
From: Jim Lynch
Topic: 4874 Message: 4884

Like two screwdriver antennas mounted butt to butt.

Jim

On 08/26/2011 10:39 PM, ka5s wrote:
> I suspect you are giving up too soon. Loading a short antenna on 80 meters does work. It's not very efficient, but it does work. Because of the high reactance needed to resonate its capacitance, you need a correspondingly high CHANGE in inductive reactance to QSY, that's all. Incidentally, if you have a 5 KHz 2:1 SWR bandwidth, you are doing EXTREMELY well -- if that is a real antenna and not a simulation. Heh.
>
> You can see how far a TUNER will work for QSY'ing by looking how far from the resonant frequency its SWR matching range extends to. What you NEED is an adjustable inductor, probably at the feed point, and a way to couple to the antenna there, just like a 75 meter mobile antenna.
>
> Good luck,
>
> Cortland
> KA5S

4885. Z-11 Question

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-08-27 15:09:52 UTC
From: Jack K5FSE
Topic: 4885 Message: 4885

Good evening all. I have the OTT installed on my 817, and have the Z-11 Compatability Kit from W4RT.

Somehow, I've misplaced the interface cable (item #2 from the kit)going from the back, center
of the Z-11 to the OTT Command Jack. I know it's got a 2.5mm mono plug on the
Z-11 end, and a 3.5mm plug on the OTT end, but I seem to have lost that cable. My question is: is the 3.5mm end of the plug a mono or stereo. I
was expecting it to be a mono, but the plug that comes with the OTT is a stereo.
Hmmm....

Thanks for your help.

Jack K5FSE
Cumming, GA

4886. i fixed my auto tuner... now...

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-08-27 16:10:56 UTC
From: marshallglowplug
Topic: 4886 Message: 4886

how do i stop getting emails from this forum lol .. i get emails regarding EVERY subject i dont know how to stop it from flooding my email. Can anyone help?

4887. Re: [LDG-auto-tuners] i fixed my auto tuner... now...

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-08-27 17:33:32 UTC
From: Jim Lynch
Topic: 4886 Message: 4887

Look near the bottom of any message for the word "unsubscribe" .
Instructions are there.

Jim.
On 08/27/2011 12:10 PM, marshallglowplug wrote:
> how do i stop getting emails from this forum lol .. i get emails regarding EVERY subject i dont know how to stop it from flooding my email. Can anyone help?
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
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>

4888. Re: too impressed

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-08-27 18:42:52 UTC
From: bsip_9
Topic: 4881 Message: 4888

Hi All,

I've had the same good experience with LDG. I had to send my Z11-PRO back to LDG for repair (from Spain)and,whilst it took a while before they sent it back, the way they dealt with the issue was first class.
I would recommend LDG without hesitation.

73 All,
Wes.
EA5/GW3RIH.

--- In LDG-auto-tuners@yahoogroups.com, "Murf" <n7uvh01@...> wrote:
>
> Just got my 1000pro back from repairs...
> I cant begin to tell yea how impressed I am.. they went way above
> the work I requested, new coveres to replace my scratched on. New
> meter.. I did not know needed work.. upgraded the SO-239' to teflon.
> plus the repairs that needed done... i have never that such good
> service in the ham hobby. I am in the service industry myself and
> when I find good service.. I let folks know. Hope you never have
> to have a unit repaired.. but if you do.. you can relax on LDG
>
> Murf
> n7uvh
>

4889. Re: i fixed my auto tuner... now...

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-08-27 21:39:19 UTC
From: Ken
Topic: 4886 Message: 4889

If you still want access to the group but do not want to receive the emails, you can change to Web Only. Then you can read messages on the web at your convenience.

Go here to Edit Membership:

http://groups.yahoo.com/group/LDG-auto-tuners/join

73 - Ken - VE5KC
- MM Hamsoft - http://hamsoft.ca
- VE5KC - http://ham-radio.ca
- Amateur Radio Link - http://amateur-radio.ca

--- In LDG-auto-tuners@yahoogroups.com, "marshallglowplug" <marshallglowplug@...> wrote:
>
> how do i stop getting emails from this forum lol .. i get emails regarding EVERY subject i dont know how to stop it from flooding my email. Can anyone help?
>

4890. RE: [LDG-auto-tuners] Re: Remote tune dipole

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-08-27 22:23:45 UTC
From: Ford Peterson
Topic: 4874 Message: 4890

Cort, Jim, the LDG list...

Thanks for following the project.

Interesting day. I set the dipole on a step ladder and did some testing. By disconnecting the LDG I could sweep the dipole with my bridge. Sure enough, there was a sweet spot but it was down at 3.3MHz! Pulling turns off the loading coils one or two at a time I managed to get it to resonate (e.g. X=0) at 3.53MHz. Hoisting it back up and letting the tuner find a match was useful from 3.5 to about 3.75. I might be able to tune it up higher in the band and squeeze out a bit more bandwidth. But before butchering the coils to move it higher, what if I found a good match?

Placing a 1000pF silver mica cap across the dipole right at the feed point provided a minimum 1.07:1 SWR at 3.71MHz without any tuner. Ha! Eureka!

So I reconnected the tuner and lifted it up again. The tuner started snapping relays and finds a nice match. With the 1000pF capacitor in parallel with the antenna the LDG would get a match from about 3.650 to about 3.800MHz. At the upper end the match was fine but it occasionally would break into 'seek' mode again. So let's call it more like 3.750.

So I moved it back to the minimum SWR point of 3.710MHz and let it find a match. Then I disconnected the DC from the bias T. The 2:1 SWR points? Get this... The 2:1 SWR range without the tuner is now 3.702 to 3.719MHz! The darn thing is only 17KHz wide! The AT-100PRO extends that to about 170KHz or 180KHz with the capacitor. Without the capacitor it's useful from about 3.5 to 3.75. I had hoped for better.

This indicates a system Q of 218? 17KHz is 3710/218.24=17

Anyway, the long and the short of it is that as in all things RF, design goals compete for importance.

It is well understood that center loading is preferred over base loading. The reason is simple. 100% of the antenna current is flowing between the dipole feed point and the first load. It's current that does the radiating. Pushing full current out to the 1/2 way point has been demonstrated to radiate better.

Using high Q components reduces the wire losses, at the sacrifice of usable band width.

It was hoped that this system could be used as a horizontal 'go-to' antenna on Field Day. As such, being able to QSY anywhere on 80M would be awfully handy.

Has anybody tried this using a pair of Hamsticks (e.g. low Q) on 80M? What kind of bandwidth can be expected?

Before I write this up in my blog, I'm going to whack another couple of turns, which seems to move the system about 50KHz/turn removed. Removing turns makes the load smaller and that may have some relevance to Q. There is no substitute for tweaking. I'm also going to remove the capacitor since the bandwidth issue is important to me and the capacitor seems to be a bottle-neck.

Ford-N0FP

-----Original Message-----
From: LDG-auto-tuners@yahoogroups.com
[mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Jim Lynch
Sent: Saturday, August 27, 2011 4:20 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] Re: Remote tune dipole

Like two screwdriver antennas mounted butt to butt.

Jim

On 08/26/2011 10:39 PM, ka5s wrote:
> I suspect you are giving up too soon. Loading a short antenna on 80 meters does work. It's not very efficient, but it does work. Because of the high reactance needed to resonate its capacitance, you need a correspondingly high CHANGE in inductive reactance to QSY, that's all. Incidentally, if you have a 5 KHz 2:1 SWR bandwidth, you are doing EXTREMELY well -- if that is a real antenna and not a simulation. Heh.
>
> You can see how far a TUNER will work for QSY'ing by looking how far from the resonant frequency its SWR matching range extends to. What you NEED is an adjustable inductor, probably at the feed point, and a way to couple to the antenna there, just like a 75 meter mobile antenna.
>
> Good luck,
>
> Cortland
> KA5S

Yahoo! Groups Links

4891. RE: [LDG-auto-tuners] Re: Remote tune dipole

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-08-27 22:50:25 UTC
From: Jerry Haigwood
Topic: 4874 Message: 4891

Ford,

100% of the current does not flow from the feed point to the load else
the antenna would be 100% efficient. Current is distributed in the dipole
as a cosine wave. Zero current on the ends and max current in the center.
Since the loads make up part of the antenna and do not do any significant
radiating, your efficiency will be less than 100%. For a really short
dipole, significantly less.

Jerry W5JH

From: LDG-auto-tuners@yahoogroups.com
[mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Ford Peterson
Sent: Saturday, August 27, 2011 5:24 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: RE: [LDG-auto-tuners] Re: Remote tune dipole

..
It is well understood that center loading is preferred over base loading.
The reason is simple. 100% of the antenna current is flowing between the
dipole feed point and the first load. It's current that does the radiating.
Pushing full current out to the 1/2 way point has been demonstrated to
radiate better.
..

Ford-N0FP

_,_._,___

[Non-text portions of this message have been removed]

4892. RE: [LDG-auto-tuners] Re: Remote tune dipole

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-08-28 15:38:06 UTC
From: Ford Peterson
Topic: 4874 Message: 4892

Good point Jerry. Sometimes I visualize these things differently and get in trouble for the over-simplification.

I envision current radiating. More current, more radiating going on. Along the length of the wire the current is diminished due to all the radiating. At the tips, there is virtually no current and no radiating.

The coil basically does not radiate (much). So the disappearance of current in the coil is due to wire losses. A base loaded vertical does not deflect a remote field strength meter as well as a top loaded or center loaded antenna. My hope was to use center loading and the AT-100Pro to somewhat offset the poor efficiency of the short dipole on 75M-80M.

Logically we get to the same place, but use different mental gymnastics to accomplish the goal. I guess I'll keep my day job (bean counter) and leave the RF stuff to the engineers that know the lingo...

Ford-N0FP

-----Original Message-----
From: LDG-auto-tuners@yahoogroups.com
[mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Jerry Haigwood
Sent: Saturday, August 27, 2011 5:50 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: RE: [LDG-auto-tuners] Re: Remote tune dipole

Ford,

100% of the current does not flow from the feed point to the load else the antenna would be 100% efficient. Current is distributed in the dipole as a cosine wave. Zero current on the ends and max current in the center. Since the loads make up part of the antenna and do not do any significant radiating, your efficiency will be less than 100%. For a really short dipole, significantly less.

Jerry W5JH

From: LDG-auto-tuners@yahoogroups.com
[mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Ford Peterson
Sent: Saturday, August 27, 2011 5:24 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: RE: [LDG-auto-tuners] Re: Remote tune dipole

..
It is well understood that center loading is preferred over base loading. The reason is simple. 100% of the antenna current is flowing between the dipole feed point and the first load. It's current that does the radiating.

Pushing full current out to the 1/2 way point has been demonstrated to radiate better.
..

Ford-N0FP

_,_._,___

[Non-text portions of this message have been removed]

Yahoo! Groups Links

4893. RE: [LDG-auto-tuners] Re: Remote tune dipole

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-08-28 15:59:36 UTC
From: Jerry Haigwood
Topic: 4874 Message: 4893

Ford,

The more metal you can get between the feed point and the coil the better the radiation. I have used 2 pieces of wire connected to my "old" Z-100. No feed line just the two wires of equal length going up to trees on either side. The Z-100 was acting as the center insulator (sitting on the table). I guess you would call this a "V" antenna. If you are looking for a portable antenna, take a look at this configuration. It is pretty simple to deploy - just 2 wires.

Jerry W5JH

From: LDG-auto-tuners@yahoogroups.com
[mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Ford Peterson
Sent: Sunday, August 28, 2011 10:38 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: RE: [LDG-auto-tuners] Re: Remote tune dipole

Good point Jerry. Sometimes I visualize these things differently and get in trouble for the over-simplification.

I envision current radiating. More current, more radiating going on. Along the length of the wire the current is diminished due to all the radiating. At the tips, there is virtually no current and no radiating.

The coil basically does not radiate (much). So the disappearance of current in the coil is due to wire losses. A base loaded vertical does not deflect a remote field strength meter as well as a top loaded or center loaded antenna. My hope was to use center loading and the AT-100Pro to somewhat offset the poor efficiency of the short dipole on 75M-80M.

Logically we get to the same place, but use different mental gymnastics to accomplish the goal. I guess I'll keep my day job (bean counter) and leave the RF stuff to the engineers that know the lingo...

Ford-N0FP

-----Original Message-----
From: LDG-auto-tuners@yahoogroups.com
<mailto:LDG-auto-tuners%40yahoogroups.com>
[mailto:LDG-auto-tuners@yahoogroups.com
<mailto:LDG-auto-tuners%40yahoogroups.com>] On Behalf Of Jerry Haigwood
Sent: Saturday, August 27, 2011 5:50 PM
To: LDG-auto-tuners@yahoogroups.com
<mailto:LDG-auto-tuners%40yahoogroups.com>
Subject: RE: [LDG-auto-tuners] Re: Remote tune dipole

Ford,

100% of the current does not flow from the feed point to the load else
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as a cosine wave. Zero current on the ends and max current in the center.
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radiating, your efficiency will be less than 100%. For a really short
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Jerry W5JH

From: LDG-auto-tuners@yahoogroups.com
<mailto:LDG-auto-tuners%40yahoogroups.com>
[mailto:LDG-auto-tuners@yahoogroups.com
<mailto:LDG-auto-tuners%40yahoogroups.com>] On Behalf Of Ford Peterson
Sent: Saturday, August 27, 2011 5:24 PM
To: LDG-auto-tuners@yahoogroups.com
<mailto:LDG-auto-tuners%40yahoogroups.com>
Subject: RE: [LDG-auto-tuners] Re: Remote tune dipole

..
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The reason is simple. 100% of the antenna current is flowing between the
dipole feed point and the first load. It's current that does the radiating.
Pushing full current out to the 1/2 way point has been demonstrated to
radiate better.
..

Ford-N0FP

_,_._,___

[Non-text portions of this message have been removed]

Yahoo! Groups Links

[Non-text portions of this message have been removed]

4894. RE: [LDG-auto-tuners] Re: Remote tune dipole

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-08-28 16:49:34 UTC
From: Ford Peterson
Topic: 4874 Message: 4894

Thanks for the comment Jerry...

One of the design goals of this design is to make it a truly flat-top dipole. At Field day we run 2A or 2B. I'm thinking this year will be 2B. Late at night, only 80M has propagation. And the gang all moves to 75M and 80M. The trouble is the stations of the same polarity interfere when in the near field on both ends of the same band. What we have found, and successfully done for several years, is to run one horizontal and one vertical antenna. One can be on 75M while the other on 80M. That's legal on FD. We can even both operate CW or both SSB, but that's not allowed under the rules (only 1 transmitter per band). But CW and PSK is allowed and right next door with no problems. An FT450AT was observed to be within 15KHz of a PSK station and couldn't hear it. Nice!

I can see that the antenna you describe will work. There is loads of vertical radiation in that antenna and would likely overload a station connected to a vertical. For simple point-to-point ad-hoc communications, the military suggests using a single support running from a ground rod on one side to a tuner connected to a long wire supported in the middle as high as you can get it, back down to a ground level support at 6' to 8' off the ground. That too works. And way simpler than what I'm doing. Like your design, the mil design can be deployed in a few minutes.

I'm hopeful that this antenna can be used on all bands with a simple modification and that it will be a truly horizontal antenna. A Butternut vertical will be used as the vertical polarized antenna. Theory says there is 30dB attenuation between them when they are truly horizontal and vertical (perpendicular actually). Using simple radios with easy to overload front ends seems to be the norm at FD. A robust design like the FT2000D or OrionIII or FlexRadio 5000 could handle the intense fields. But IC706 class radios simply crumble under the stress.

I'm retuning the antenna this AM and have to wait out a passing rain storm to continue. Darn rain!

Ford-N0FP

-----Original Message-----
From: LDG-auto-tuners@yahoogroups.com
[mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Jerry Haigwood
Sent: Sunday, August 28, 2011 11:00 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: RE: [LDG-auto-tuners] Re: Remote tune dipole

Ford,

The more metal you can get between the feed point and the coil the better the radiation. I have used 2 pieces of wire connected to my "old" Z-100. No feed line just the two wires of equal length going up to trees on either side. The Z-100 was acting as the center insulator (sitting on the table). I guess you would call this a "V" antenna. If you are looking for a portable antenna, take a look at this configuration. It is pretty simple to deploy - just 2 wires.

Jerry W5JH

From: LDG-auto-tuners@yahoogroups.com
[mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Ford Peterson
Sent: Sunday, August 28, 2011 10:38 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: RE: [LDG-auto-tuners] Re: Remote tune dipole

Good point Jerry. Sometimes I visualize these things differently and get in trouble for the over-simplification.

I envision current radiating. More current, more radiating going on. Along the length of the wire the current is diminished due to all the radiating. At the tips, there is virtually no current and no radiating.

The coil basically does not radiate (much). So the disappearance of current in the coil is due to wire losses. A base loaded vertical does not deflect a remote field strength meter as well as a top loaded or center loaded antenna. My hope was to use center loading and the AT-100Pro to somewhat offset the poor efficiency of the short dipole on 75M-80M.

Logically we get to the same place, but use different mental gymnastics to accomplish the goal. I guess I'll keep my day job (bean counter) and leave the RF stuff to the engineers that know the lingo...

Ford-N0FP

-----Original Message-----
From: LDG-auto-tuners@yahoogroups.com
<mailto:LDG-auto-tuners%40yahoogroups.com>
[mailto:LDG-auto-tuners@yahoogroups.com
<mailto:LDG-auto-tuners%40yahoogroups.com>] On Behalf Of Jerry Haigwood
Sent: Saturday, August 27, 2011 5:50 PM
To: LDG-auto-tuners@yahoogroups.com
<mailto:LDG-auto-tuners%40yahoogroups.com>
Subject: RE: [LDG-auto-tuners] Re: Remote tune dipole

Ford,

100% of the current does not flow from the feed point to the load else the antenna would be 100% efficient. Current is distributed in the dipole as a cosine wave. Zero current on the ends and max current in the center.
Since the loads make up part of the antenna and do not do any significant radiating, your efficiency will be less than 100%. For a really short dipole, significantly less.

Jerry W5JH

From: LDG-auto-tuners@yahoogroups.com
<mailto:LDG-auto-tuners%40yahoogroups.com>
[mailto:LDG-auto-tuners@yahoogroups.com
<mailto:LDG-auto-tuners%40yahoogroups.com>] On Behalf Of Ford Peterson
Sent: Saturday, August 27, 2011 5:24 PM
To: LDG-auto-tuners@yahoogroups.com
<mailto:LDG-auto-tuners%40yahoogroups.com>
Subject: RE: [LDG-auto-tuners] Re: Remote tune dipole

..
It is well understood that center loading is preferred over base loading.
The reason is simple. 100% of the antenna current is flowing between the
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Ford-N0FP

_,_._,___

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Yahoo! Groups Links

[Non-text portions of this message have been removed]

Yahoo! Groups Links

4895. RE: [LDG-auto-tuners] Re: Remote tune dipole

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-08-28 21:55:00 UTC
From: Ford Peterson
Topic: 4874 Message: 4895

I've retuned the loads to get resonance at 3.680 (e.g. X=0). I've removed the loading capacitor. So the configuration is now a dipole with about 85.3uH loads at the (+/-) 9'-3" point on an element that is (+/-) 16'. The AT-100Pro tuner can find a match at 3.550 but not at 3.502. Even then it is right at 2:1 SWR. On the upper end of the band it will find a match at 3.900 but not at 3.950. The tuner will extend the bandwidth from 17KHz without any tuner to about 350KHz. Unfortunately, finding both ends of the band is not possible with this configuration.

Has anybody tried this with hamsticks?

Ford-N0FP

-----Original Message-----
From: LDG-auto-tuners@yahoogroups.com
[mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Ford Peterson
Sent: Sunday, August 28, 2011 11:50 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: RE: [LDG-auto-tuners] Re: Remote tune dipole

Thanks for the comment Jerry...

One of the design goals of this design is to make it a truly flat-top dipole. At Field day we run 2A or 2B. I'm thinking this year will be 2B. Late at night, only 80M has propagation. And the gang all moves to 75M and 80M. The trouble is the stations of the same polarity interfere when in the near field on both ends of the same band. What we have found, and successfully done for several years, is to run one horizontal and one vertical antenna. One can be on 75M while the other on 80M. That's legal on FD. We can even both operate CW or both SSB, but that's not allowed under the rules (only 1 transmitter per band). But CW and PSK is allowed and right next door with no problems. An FT450AT was observed to be within 15KHz of a PSK station and couldn't hear it. Nice!

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I'm hopeful that this antenna can be used on all bands with a simple modification and that it will be a truly horizontal antenna. A Butternut vertical will be used as the vertical polarized antenna. Theory says there is 30dB attenuation between them when they are truly horizontal and vertical

(perpendicular actually). Using simple radios with easy to overload front ends seems to be the norm at FD. A robust design like the FT2000D or OrionIII or FlexRadio 5000 could handle the intense fields. But IC706 class radios simply crumble under the stress.

I'm retuning the antenna this AM and have to wait out a passing rain storm to continue. Darn rain!

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From: LDG-auto-tuners@yahoogroups.com
[mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Jerry Haigwood
Sent: Sunday, August 28, 2011 11:00 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: RE: [LDG-auto-tuners] Re: Remote tune dipole

Ford,

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Jerry W5JH

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[mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Ford Peterson
Sent: Sunday, August 28, 2011 10:38 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: RE: [LDG-auto-tuners] Re: Remote tune dipole

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The coil basically does not radiate (much). So the disappearance of current in the coil is due to wire losses. A base loaded vertical does not deflect a remote field strength meter as well as a top loaded or center loaded antenna. My hope was to use center loading and the AT-100Pro to somewhat offset the poor efficiency of the short dipole on 75M-80M.

Logically we get to the same place, but use different mental gymnastics to accomplish the goal. I guess I'll keep my day job (bean counter) and leave the RF stuff to the engineers that know the lingo...

Ford-N0FP

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<mailto:LDG-auto-tuners%40yahoogroups.com>
[mailto:LDG-auto-tuners@yahoogroups.com
<mailto:LDG-auto-tuners%40yahoogroups.com>] On Behalf Of Jerry Haigwood
Sent: Saturday, August 27, 2011 5:50 PM
To: LDG-auto-tuners@yahoogroups.com
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Subject: RE: [LDG-auto-tuners] Re: Remote tune dipole

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Jerry W5JH

From: LDG-auto-tuners@yahoogroups.com
<mailto:LDG-auto-tuners%40yahoogroups.com>
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It is well understood that center loading is preferred over base loading. The reason is simple. 100% of the antenna current is flowing between the dipole feed point and the first load. It's current that does the radiating. Pushing full current out to the 1/2 way point has been demonstrated to radiate better.
..

Ford-N0FP

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Yahoo! Groups Links

[Non-text portions of this message have been removed]

Yahoo! Groups Links

Yahoo! Groups Links

4896. I need a little input...

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-08-30 04:19:20 UTC
From: KD5SFA
Topic: 4896 Message: 4896

I have a at-100 pro that I have had for a number of years...
I use it with an IC-706mkIIg.

So I recently took a small road trip (2831 miles round trip)
and I decided that the dual bander in the car was not up to
the task of the desert and canyons of NM, CO, UT, and West TX.
Since my FT8900 is on the fritz I thought Hmmm time to pull out the icom.

So having a small car (subaru imprezza hatchback) I have few antenna
options... So I used a dual band mag mount for 2m/70cm.
Then through a diplexor I tok the HF port and sent the 6m to a 1/4wave magmount and the HF to a cheesy 11m magmount (60" whip).

10 and 12 tune easily...but not much open....15m showed some signs and 17m was busy...

Okay this was not an optimal set up by any means...just toss it in the car and see what happens... Didn't do great on the pileups as expected but made contacts in Hawaii, Wisconsin, Indianapolis, Florida and a few others on the drive back.

Today after work I worked a guy in Italy with the same setup...so the bug has bit me for a better antenna system.

So now I know I need a better antenna... so thoughts on going
Hamsticks, hustler (single, 3, or 4 resonator set up), or just using a
102" fiberglass whip.

If I had the funds I'd look at a scorpion type screwdriver antenna but that would be more of a challenge with the small car..

So I am going simple to get a better taste...

Recommendations ??

4897. Re: [LDG-auto-tuners] I need a little input...

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-08-30 04:53:55 UTC
From: Leonard K. Pennock
Topic: 4896 Message: 4897

Order of Cost
1. Ham Sticks, cheap per band but add up when you do multiple bands and
you need to stop to change bands doesn't require a very heavy duty mount
while the rest do.

2. multibander like Comet UHV6. Includes VU6 with 1 or more HF bands.
Good for space limited but really a dummy load on a stick for HF.

3. Hustler with 3 coils. Little more pricy but works good to qsy around
your 3 bands. 75M is very narrow and 40M is only a little better.
Tuner helps but you still only get about 50kHz on 75m

4. small screw driver, Little tar heel seems to be very popular. Quick
QSY not real obtrusive not real cheap either.

5. Full Size Screw driver. hard to mount and not cheap but best signal.

I use options 1 and 3 on different vehicles but am two cheap to go with
the last 2 and am considering getting a little tar heel.

On 08/29/2011 09:19 PM, KD5SFA wrote:
>
> I have a at-100 pro that I have had for a number of years...
> I use it with an IC-706mkIIg.
>
> So I recently took a small road trip (2831 miles round trip)
> and I decided that the dual bander in the car was not up to
> the task of the desert and canyons of NM, CO, UT, and West TX.
> Since my FT8900 is on the fritz I thought Hmmm time to pull out the icom.
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> So having a small car (subaru imprezza hatchback) I have few antenna
> options... So I used a dual band mag mount for 2m/70cm.
> Then through a diplexor I tok the HF port and sent the 6m to a 1/4wave magmount and the
HF to a cheesy 11m magmount (60" whip).
>
> 10 and 12 tune easily...but not much open....15m showed some signs and 17m was busy...
>
> Okay this was not an optimal set up by any means...just toss it in the car and see what
happens... Didn't do great on the pileups as expected but made contacts in Hawaii,
Wisconsin, Indianapolis, Florida and a few others on the drive back.
>
> Today after work I worked a guy in Italy with the same setup...so the bug has bit me for
a better antenna system.
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> So now I know I need a better antenna... so thoughts on going
> Hamsticks, hustler (single, 3, or 4 resonator set up), or just using a

> 102" fiberglass whip.
>
> If I had the funds I'd look at a scorpion type screwdriver antenna but that would be more of a challenge with the small car..
>
> So I am going simple to get a better taste...
>
> Recommendations ??
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> Yahoo! Groups Links
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Leonard K. Pennock
AD7AS

Those who walk bravely through life, unafraid of loss or failure,
find that they very rarely lose or fail.

4898. Camping antenna

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-08-30 15:43:24 UTC
From: Ford Peterson
Topic: 4898 Message: 4898

What would be a good antenna to bring to a state campground? We're planning a trip to Wisconsin and are staying in the new camper. I want to bring my new FT450D with the autotuner built-in. I'm also bringing a laptop and Rigblaster to do some PSK type operations. What would be a good antenna?

Some of the guys talk about a picnic table setup with a balun connected to two wires going up in a V pattern and out as far as you can get it. Seems like a weird antenna but I just want it to take power and let me QSY around with the Autotuner doing its magic.

So what would be a good antenna? I'm not looking for stellar performance. But simplicity and compactness would be nice.

Ford-N0FP

[Non-text portions of this message have been removed]

4899. RE: [LDG-auto-tuners] Camping antenna

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-08-30 16:03:46 UTC
From: Steve Finch - AI0W
Topic: 4898 Message: 4899

As with most internal tuners, they have a very limited tuning range. It is 3:1 for the FT-450D internal unit. Here are the specs:

The Yaesu ATU-450 antenna tuner is designed exclusively for the <http://www.universal-radio.com/catalog/hamhf/0450.html> Yaesu FT-450. This automatic tuner mounts inside the bottom <http://www.universal-radio.com/catalog/hamhf/1759int.jpg> of the transceiver. The impedance matching range is 16.5 to 150 ohms (up to 3:1 SWR). Accordingly the ATU-450 should not be expected to match long wire antennas. Please note that the ATU-450 cannot be used with the ATAS-120A. A clicking sound during tuning is normal.

Specifications:
* Coverage: 1.8 to 30 MHz and 50 to 54 MHz
* Power rating: 100 watts PEP
* Matched SWR: 1.5:1 or less
* Tuning time: 5 seconds or less
* Input impedance: 50 Ohms
* Tuning power: 4 to 60 watts
* Power Supply: 13.8 VDC (derived from the transceiver)
* Size: 3.1 x 1.5 x 6.1 inches
* Weight: 1.1 Lbs (500 g)

Most antennas like the one you describe will be far outside the tuning range on some bands. Internal tuners are generally good when you have an antenna that is resonate somewhere within a band and you are operating over a wide range of frequencies WITHIN that band. However, an antenna that will resonate in the 75/80 meter band will not be within the range of the tuner on almost any other band as the impedance will be greater that 150 ohms. Having a 4:1 current balun may help for some bands.

It is for this reason that I use external tuners like the Z-11Pro or Z-817 for my portable operation. They can match upwards of 10:1 and in some cases even higher. I suggest you bring along a manual tuner too.

Steve Finch, AIØW

NFL Section Technical Coordinator
Homosassa Springs, FL
ai0w@...

From: LDG-auto-tuners@yahoogroups.com
[mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Ford Peterson
Sent: Tuesday, August 30, 2011 11:43 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Camping antenna

What would be a good antenna to bring to a state campground? We're planning a trip to Wisconsin and are staying in the new camper. I want to bring my new FT450D with the autotuner built-in. I'm also bringing a laptop and Rigblaster to do some PSK type operations. What would be a good antenna?

Some of the guys talk about a picnic table setup with a balun connected to two wires going up in a V pattern and out as far as you can get it. Seems like a weird antenna but I just want it to take power and let me QSY around with the Autotuner doing its magic.

So what would be a good antenna? I'm not looking for stellar performance. But simplicity and compactness would be nice.

Ford-N0FP

[Non-text portions of this message have been removed]

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4900. Re: [LDG-auto-tuners] Camping antenna

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-08-30 17:20:12 UTC
From: Mike Elcsisin
Topic: 4898 Message: 4900

PAR end-fed maybe?

http://www.parelectronics.com/end-fedz.php

Mike KK2DOG

From: Ford Peterson <ford@...>
To: LDG-auto-tuners@yahoogroups.com
Sent: Tuesday, August 30, 2011 11:43 AM
Subject: [LDG-auto-tuners] Camping antenna

What would be a good antenna to bring to a state campground? We're planning a trip to Wisconsin and are staying in the new camper. I want to bring my new FT450D with the autotuner built-in. I'm also bringing a laptop and Rigblaster to do some PSK type operations. What would be a good antenna?

Some of the guys talk about a picnic table setup with a balun connected to two wires going up in a V pattern and out as far as you can get it. Seems like a weird antenna but I just want it to take power and let me QSY around with the Autotuner doing its magic.

So what would be a good antenna? I'm not looking for stellar performance. But simplicity and compactness would be nice.

Ford-N0FP

[Non-text portions of this message have been removed]

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4901. Re: [LDG-auto-tuners] Camping antenna

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-08-30 19:46:14 UTC
From: Tom Peterson
Topic: 4898 Message: 4901

Ford-
I use a Crappie pole unun and a little wire with my Icom 703 when I camp in the State parks (which one are you coming to?)
I've also used hamsticks, a Superantennas MP-1 and all manner of inverted v dipoles. The unun and wire is by far the easiest and fastest to get set up.

Sent from my Batcomputer

On Aug 30, 2011, at 10:43 AM, "Ford Peterson" <ford@...> wrote:

>
>
>
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>
> What would be a good antenna to bring to a state campground? We're planning
> a trip to Wisconsin and are staying in the new camper. I want to bring my
> new FT450D with the autotuner built-in. I'm also bringing a laptop and
> Rigblaster to do some PSK type operations. What would be a good antenna?
>
>
>
> Some of the guys talk about a picnic table setup with a balun connected to
> two wires going up in a V pattern and out as far as you can get it. Seems
> like a weird antenna but I just want it to take power and let me QSY around
> with the Autotuner doing its magic.
>
>
>
> So what would be a good antenna? I'm not looking for stellar performance.
> But simplicity and compactness would be nice.
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> Ford-N0FP
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> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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4902. RE: [LDG-auto-tuners] Camping antenna

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-08-30 22:04:46 UTC
From: Jerry Haigwood
Topic: 4898 Message: 4902

Ford, My favorite camping antenna is. a hank-o-wire.

Jerry W5JH

From: LDG-auto-tuners@yahoogroups.com
[mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Ford Peterson
Sent: Tuesday, August 30, 2011 10:43 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Camping antenna

What would be a good antenna to bring to a state campground? We're planning a trip to Wisconsin and are staying in the new camper. I want to bring my new FT450D with the autotuner built-in. I'm also bringing a laptop and Rigblaster to do some PSK type operations. What would be a good antenna?

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Ford-N0FP

[Non-text portions of this message have been removed]

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4903. Re: [LDG-auto-tuners] I need a little input...

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-08-30 23:10:11 UTC
From: Jon
Topic: 4896 Message: 4903

Thanks for the feedback...

I do have an HV7A that I used to use with my FT8900...was never really
"happy" wth it although
it did work reasonable well on 2m/70cm and not bad on 10m especially when
the band was open. 6m
FM never really seemed to get out.

I figure I'll stick to the 10m-20m range for now...lately 17m seems to be
the band of choice for easy DX.

Being I don't have much storage place in the imprezza so hauling a gaggle of
hamsticks could be an issue unless
I choose one and stick with it....so to speak.

I figure I'll get a 17m hamstick to start with and work on a hustler
system....

73,
Jon

On Mon, Aug 29, 2011 at 11:53 PM, Leonard K. Pennock <leonardpennock@...
> wrote:

> **
>
>
> Order of Cost
> 1. Ham Sticks, cheap per band but add up when you do multiple bands and
> you need to stop to change bands doesn't require a very heavy duty mount
> while the rest do.
>
> 2. multibander like Comet UHV6. Includes VU6 with 1 or more HF bands.
> Good for space limited but really a dummy load on a stick for HF.
>
> 3. Hustler with 3 coils. Little more pricy but works good to qsy around
> your 3 bands. 75M is very narrow and 40M is only a little better.
> Tuner helps but you still only get about 50kHz on 75m
>
> 4. small screw driver, Little tar heel seems to be very popular. Quick
> QSY not real obtrusive not real cheap either.
>
> 5. Full Size Screw driver. hard to mount and not cheap but best signal.
>
> I use options 1 and 3 on different vehicles but am two cheap to go with
> the last 2 and am considering getting a little tar heel.
> <snip>

>

[Non-text portions of this message have been removed]

4904. RE: [LDG-auto-tuners] Camping antenna

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-08-31 00:30:39 UTC
From: Ford Peterson
Topic: 4898 Message: 4904

We're heading to Pattison St. Park just south of Superior WI.

After looking at the various feedback from people on this list and others, I think I'm trying to over-design this. So I'm throwing a bunch of stuff in a Tupperware crate and may well try it all. Hamsticks, end-fed, dipoles, it's hard to know what to expect because I've never been to this park before. Will there be suitable trees near the campsite? Is it going to be raining? 90% of the battle is being prepared for whatever conditions are available. I guess that's all part of the adventure isn't it?

Thanks for all the comments. I'll report back what I find. The AT100Pro sure takes the worries out of finding something that will work!

73

Ford-N0FP

-----Original Message-----
From: LDG-auto-tuners@yahoogroups.com
[mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Tom Peterson
Sent: Tuesday, August 30, 2011 2:46 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] Camping antenna

Ford-
I use a Crappie pole unun and a little wire with my Icom 703 when I camp in the State parks (which one are you coming to?) I've also used hamsticks, a Superantennas MP-1 and all manner of inverted v dipoles. The unun and wire is by far the easiest and fastest to get set up.

Sent from my Batcomputer

On Aug 30, 2011, at 10:43 AM, "Ford Peterson" <ford@...> wrote:

>
>
>
>
>
> What would be a good antenna to bring to a state campground? We're
> planning a trip to Wisconsin and are staying in the new camper. I
> want to bring my new FT450D with the autotuner built-in. I'm also
> bringing a laptop and Rigblaster to do some PSK type operations. What would be a good antenna?
>
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> Some of the guys talk about a picnic table setup with a balun
> connected to two wires going up in a V pattern and out as far as you
> can get it. Seems like a weird antenna but I just want it to take
> power and let me QSY around with the Autotuner doing its magic.
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> So what would be a good antenna? I'm not looking for stellar performance.
> But simplicity and compactness would be nice.
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> Ford-N0FP
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> Yahoo! Groups Links
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Yahoo! Groups Links

4905. Re: [LDG-auto-tuners] I need a little input...

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-08-31 01:06:49 UTC
From: Leonard K. Pennock
Topic: 4896 Message: 4905

The MFJ hamsticks are nice when you have limited storage space. The have a 3/8-24 connection in the middle to join the whip ferral with the body so you can break them in half without detuning them.

Jon <kd5sfa@gmail.com> wrote:

>Thanks for the feedback...
>
>I do have an HV7A that I used to use with my FT8900...was never really
>"happy" wth it although
>it did work reasonable well on 2m/70cm and not bad on 10m especially when
>the band was open. 6m
>FM never really seemed to get out.
>
>I figure I'll stick to the 10m-20m range for now...lately 17m seems to be
>the band of choice for easy DX.
>
>Being I don't have much storage place in the imprezza so hauling a gaggle of
>hamsticks could be an issue unless
>I choose one and stick with it....so to speak.
>
>I figure I'll get a 17m hamstick to start with and work on a hustler
>system....
>
>73,
>Jon
>
>
>On Mon, Aug 29, 2011 at 11:53 PM, Leonard K. Pennock <leonardpennock@cox.net
>> wrote:
>
>> **
>>
>>
>> Order of Cost
>> 1. Ham Sticks, cheap per band but add up when you do multiple bands and
>> you need to stop to change bands doesn't require a very heavy duty mount
>> while the rest do.
>>
>> 2. multibander like Comet UHV6. Includes VU6 with 1 or more HF bands.
>> Good for space limited but really a dummy load on a stick for HF.
>>
>> 3. Hustler with 3 coils. Little more pricy but works good to qsy around
>> your 3 bands. 75M is very narrow and 40M is only a little better.
>> Tuner helps but you still only get about 50kHz on 75m

>>
>> 4. small screw driver, Little tar heel seems to be very popular. Quick
>> QSY not real obtrusive not real cheap either.
>>
>> 5. Full Size Screw driver. hard to mount and not cheap but best signal.
>>
>> I use options 1 and 3 on different vehicles but am two cheap to go with
>> the last 2 and am considering getting a little tar heel.
>> <snip>
>>
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>Yahoo! Groups Links
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4906. Re: [LDG-auto-tuners] Camping antenna

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-08-31 01:28:49 UTC
From: Tom Peterson
Topic: 4898 Message: 4906

I was hoping you were going to say Perrot Park. I live just a few miles away and could have loaned you a good camping antenna

Sent from my Batcomputer

On Aug 30, 2011, at 7:30 PM, "Ford Peterson" <ford@...> wrote:

> We're heading to Pattison St. Park just south of Superior WI.
>
> After looking at the various feedback from people on this list and others, I
> think I'm trying to over-design this. So I'm throwing a bunch of stuff in a
> Tupperware crate and may well try it all. Hamsticks, end-fed, dipoles, it's
> hard to know what to expect because I've never been to this park before.
> Will there be suitable trees near the campsite? Is it going to be raining?
> 90% of the battle is being prepared for whatever conditions are available.
> I guess that's all part of the adventure isn't it?
>
> Thanks for all the comments. I'll report back what I find. The AT100Pro
> sure takes the worries out of finding something that will work!
>
> 73
>
> Ford-N0FP
>
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>
> -----Original Message-----
> From: LDG-auto-tuners@yahoogroups.com
> [mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Tom Peterson
> Sent: Tuesday, August 30, 2011 2:46 PM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: Re: [LDG-auto-tuners] Camping antenna
>
> Ford-
> I use a Crappie pole unun and a little wire with my Icom 703 when I camp in
> the State parks (which one are you coming to?) I've also used hamsticks, a
> Superantennas MP-1 and all manner of inverted v dipoles. The unun and wire
> is by far the easiest and fastest to get set up.
>
> Sent from my Batcomputer
>
> On Aug 30, 2011, at 10:43 AM, "Ford Peterson" <ford@highmarks.com> wrote:
>
>>

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>>
>> What would be a good antenna to bring to a state campground? We're
>> planning a trip to Wisconsin and are staying in the new camper. I
>> want to bring my new FT450D with the autotuner built-in. I'm also
>> bringing a laptop and Rigblaster to do some PSK type operations. What
> would be a good antenna?
>>
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>>
>> Some of the guys talk about a picnic table setup with a balun
>> connected to two wires going up in a V pattern and out as far as you
>> can get it. Seems like a weird antenna but I just want it to take
>> power and let me QSY around with the Autotuner doing its magic.
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>> So what would be a good antenna? I'm not looking for stellar performance.
>> But simplicity and compactness would be nice.
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>> Ford-N0FP
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4907. Re: [LDG-auto-tuners] Camping antenna

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-08-31 01:50:31 UTC
From: Tom Peterson
Topic: 4898 Message: 4907

Par sold the Endfeds to LnR Precision a while back. The new URL is
http://www.lnrprecision.com/endfedz.htm

Sent from my Batcomputer

On Aug 30, 2011, at 12:20 PM, Mike Elcsisin <kk2dog@...> wrote:

> PAR end-fed maybe?
>
> http://www.parelectronics.com/end-fedz.php
>
>
>
> Mike KK2DOG
>
>
> _____
> From: Ford Peterson <ford@...>
> To: LDG-auto-tuners@yahoogroups.com
> Sent: Tuesday, August 30, 2011 11:43 AM
> Subject: [LDG-auto-tuners] Camping antenna
>
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>
> What would be a good antenna to bring to a state campground? We're planning
> a trip to Wisconsin and are staying in the new camper. I want to bring my
> new FT450D with the autotuner built-in. I'm also bringing a laptop and
> Rigblaster to do some PSK type operations. What would be a good antenna?
>
> Some of the guys talk about a picnic table setup with a balun connected to
> two wires going up in a V pattern and out as far as you can get it. Seems
> like a weird antenna but I just want it to take power and let me QSY around
> with the Autotuner doing its magic.
>
> So what would be a good antenna? I'm not looking for stellar performance.
> But simplicity and compactness would be nice.
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> Ford-N0FP
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4908. FT-857D

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-08-31 00:15:35 UTC
From: cougercat
Topic: 4908 Message: 4908

Hello All,

Can anybody tell me if a LDG - AT-897 Plus Auto-tuner that was made to work with the FT-897 will work with a FT-857D without modifications? If there are modifications to be made, what are they?

Thank you,

--jeff

[Non-text portions of this message have been removed]

4909. Re: Camping antenna

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-08-31 11:45:13 UTC
From: Don
Topic: 4898 Message: 4909

I operate portable frequently when I go camping. My typical setup is a Yaseau FT817ND (QRP) radio using battery power and solar. I take 4 antennas with me. I use SSB 99% of the time

Easiest - Par EndFed 10/20/40 QRP antenna. Last weekend I worked SSB and made contacts from south Florida to Alabama on 40 meters, California on 10 meters and on 20 I worked Finland, Spain, Italy and Moscow. All on 5 watts and about 5000 mile contacts.

Easy - Home made 88 foot doublet. I made this out of two legs of multi stran flex copper wire each 44 feet long. I use 300 ohm TV/ladder line with a 4:1 balun. With a tuner I can work 10-40 meters. I love this antenna if you have a way to get it in the air.

Easy - SuperAntenna MP-1. This antenna works well but is not as good as a the dipole or endfed. It works great on a picnic table.

Big Gun - SuperAntenna YP-3 portable Yagi. If you have room and time this baby is great.

So that's my arsenal for portable camping. These days I take them all in the motor home because I never know what I'll be able to use until I get there.

Don - KB0LPM
Cape Coral, FL

--- In LDG-auto-tuners@yahoogroups.com, Tom Peterson <tom@...> wrote:
>
> I was hoping you were going to say Perrot Park. I live just a few miles away and could have loaned you a good camping antenna
>
> Sent from my Batcomputer
>
> On Aug 30, 2011, at 7:30 PM, "Ford Peterson" <ford@...> wrote:
>
> > We're heading to Pattison St. Park just south of Superior WI.
> >
> > After looking at the various feedback from people on this list and others, I
> > think I'm trying to over-design this. So I'm throwing a bunch of stuff in a
> > Tupperware crate and may well try it all. Hamsticks, end-fed, dipoles, it's
> > hard to know what to expect because I've never been to this park before.
> > Will there be suitable trees near the campsite? Is it going to be raining?
> > 90% of the battle is being prepared for whatever conditions are available.
> > I guess that's all part of the adventure isn't it?
> >
> > Thanks for all the comments. I'll report back what I find. The AT100Pro
> > sure takes the worries out of finding something that will work!
> >
> > 73
> >
> > Ford-N0FP

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> >
> > -----Original Message-----
> > From: LDG-auto-tuners@yahoogroups.com
> > [mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Tom Peterson
> > Sent: Tuesday, August 30, 2011 2:46 PM
> > To: LDG-auto-tuners@yahoogroups.com
> > Subject: Re: [LDG-auto-tuners] Camping antenna
> >
> > Ford-
> > I use a Crappie pole unun and a little wire with my Icom 703 when I camp in
> > the State parks (which one are you coming to?) I've also used hamsticks, a
> > Superantennas MP-1 and all manner of inverted v dipoles. The unun and wire
> > is by far the easiest and fastest to get set up.
> >
> > Sent from my Batcomputer
> >
> > On Aug 30, 2011, at 10:43 AM, "Ford Peterson" <ford@...> wrote:
> >
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> >>
> >> What would be a good antenna to bring to a state campground? We're
> >> planning a trip to Wisconsin and are staying in the new camper. I
> >> want to bring my new FT450D with the autotuner built-in. I'm also
> >> bringing a laptop and Rigblaster to do some PSK type operations. What
> > would be a good antenna?
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> >>
> >> Some of the guys talk about a picnic table setup with a balun
> >> connected to two wires going up in a V pattern and out as far as you
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> >> power and let me QSY around with the Autotuner doing its magic.
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> >>
> >> So what would be a good antenna? I'm not looking for stellar performance.
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> >> Ford-N0FP
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4910. Re: Would you consider buying a weatherproof 100 - 200 watt remote auto-tuner if LDG

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-08-31 14:47:16 UTC
From: ag4hg
Topic: 4873 Message: 4910

Too bad it is discontinued, huh?

--- In LDG-auto-tuners@yahoogroups.com, "Kyle N4NSS" <n4nss@...> wrote:
>
> They already have... RT-11
>
> Kyle N4NSS
>

4911. Re: Would you consider buying a weatherproof 100 - 200 watt remote auto-tuner if LDG

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-09-01 05:51:21 UTC
From: donaldsinger77
Topic: 4873 Message: 4911

Yep

Don
KF7QZB

--- In LDG-auto-tuners@yahoogroups.com, "ag4hg" <ag4hg@...> wrote:
>
> Too bad it is discontinued, huh?
>
> --- In LDG-auto-tuners@yahoogroups.com, "Kyle N4NSS" <n4nss@> wrote:
> >
> > They already have... RT-11
> >
> > Kyle N4NSS
> >
>

4912. FT-817 + LDG Z817 with antenna installed on my bicycle

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-08-31 23:05:21 UTC
From: CarlL
Topic: 4912 Message: 4912

I did a quick antenna install on my bicycle and was using my FT-817 +
Z817 and
got great results! I got few QSO's at 2400 miles ++ under 30 minutes on
15M and 20M SSB Phone (20W power)

http://www.youtube.com/watch?v=0qzAmI0XWgY
<http://www.youtube.com/watch?v=0qzAmI0XWgY>
<http://www.youtube.com/watch?v=0qzAmI0XWgY
<http://www.youtube.com/watch?v=0qzAmI0XWgY> >

Cheers,

Carl

[Non-text portions of this message have been removed]

4913. LDG AT-1000

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-08-31 22:58:49 UTC
From: VE3YF
Topic: 4913 Message: 4913

Hi:

Looks like my old reliable AT-1000 has started to give up. For some reason the other night it would tune a 30m Freq (using a 40m Dipole) but then after a short QSO at 200w, smoke started coming out of the unit and also burnt out the Meter Lamp. Now it has quite a bit of trouble tuning WARC Freqs (I have no WARC Antenna's).

I have tested the Tuner on the Non-Warc Bands and seems to work quite ok, although all my Non-Warc Antennae are pretty much resonant for there bands.

Also seems like the Tuner doesn't hold memories any more.

All the tests are compared to my other good AT-1000.

Hope that LDG will respond here, as is it really worth sending away, I don't want to break the bank for repairs.

Has anyone else ever experienced similar problems with their AT-1000.

Tnx

73 De Mike
VE3YF

4914. repair

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-09-02 00:24:16 UTC
From: Dwayne
Topic: 4914 Message: 4914

Hello,

We typically do not respond on the list for specific repairs as this is a discussion forum for LDG tuner users. You should contact LDG directly through our web site to handle specific repair issues.

Please start here: http://www.ldgelectronics.com/c/269/tech%20support-warranty

4915. Re: FT-817 + LDG Z817 with antenna installed on my bicycle

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-09-02 00:27:21 UTC
From: Dwayne
Topic: 4912 Message: 4915

Carl,

Those rank up there with the coolest videos that I have ever seen!

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "CarlL" <carl.lavoie.1973@...> wrote:
>
> I did a quick antenna install on my bicycle and was using my FT-817 +
> Z817 and
> got great results! I got few QSO's at 2400 miles ++ under 30 minutes on
> 15M and 20M SSB Phone (20W power)
>
> http://www.youtube.com/watch?v=0qzAmI0XWgY
> <http://www.youtube.com/watch?v=0qzAmI0XWgY>
> <http://www.youtube.com/watch?v=0qzAmI0XWgY
> <http://www.youtube.com/watch?v=0qzAmI0XWgY> >
>
> Cheers,
>
> Carl
>
>
> [Non-text portions of this message have been removed]
>

4916. Re: [LDG-auto-tuners] Re: FT-817 + LDG Z817 with antenna installed on my bicycle

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-09-02 00:54:50 UTC
From: cpu_nut
Topic: 4912 Message: 4916

Very cool :-)

The Yaesu FT-817 and LDG Z-817, with that antenna sure seems to be a great combination!

Craig

--- On Thu, 9/1/11, Dwayne <ldgyahoo@ldgelectronics.com> wrote:

> From: Dwayne <ldgyahoo@...>
> Subject: [LDG-auto-tuners] Re: FT-817 + LDG Z817 with antenna installed on my bicycle
> To: LDG-auto-tuners@yahoogroups.com
> Date: Thursday, September 1, 2011, 8:27 PM
> Carl,
>
> Those rank up there with the coolest videos that I have
> ever seen!
>
> Dwayne Kincaid
> LDG
>
> --- In LDG-auto-tuners@yahoogroups.com,
> "CarlL" <carl.lavoie.1973@...> wrote:
> >
> > I did a quick antenna install on my bicycle and was
> using my FT-817 +
> > Z817 and
> > got great results! I got few QSO's at 2400 miles ++
> under 30 minutes on
> > 15M and 20M SSB Phone (20W power)
> >
> > http://www.youtube.com/watch?v=0qzAmI0XWgY
> > <http://www.youtube.com/watch?v=0qzAmI0XWgY>
> > <http://www.youtube.com/watch?v=0qzAmI0XWgY
> > <http://www.youtube.com/watch?v=0qzAmI0XWgY> >
> >
> > Cheers,
> >
> > Carl
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> > [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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>   LDG-auto-tuners-fullfeatured@yahoogroups.com
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4917. Re: FT-817 + LDG Z817 with antenna installed on my bicycle

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-09-02 04:47:12 UTC
From: CarlL
Topic: 4912 Message: 4917

Dwayne,

thank you very much, it's very appreciated!
Since few months we're working very hard at Chameleon Antenna to create and maintain high quality products.

I've been working on the HYBRID antenna base since about 2 or 3 months already. Beside our new military whip (MIL) a special antenna is currently under design and will be offered with the HYBRID antenna mount. The antenna will cover 6M to 160M and rated at 1500W. The HYBRID works FANTASTIC with the LDG tuner.

We test ALL our antenna prototypes with the LDG tuner.

I've few LDG tuners:

2 X IT-100 Autotuner
1 X Z817
1 X AT200 Pro

The next YouTube video shows a quick Chameleon Antenna Zepp setup with a Ft-817 + LDGZ817. I checked in the Western Public Service System on 3.952MHz with 20W of power with a report of 59.

http://www.youtube.com/watch?v=-5MpM0ZPKYM
<http://www.youtube.com/watch?v=-5MpM0ZPKYM>

The next one was on my balcony still with the Chameleon Antenna Zepp and with a NVIS antenna setup but I was using my IC-7000 and the IT-100 Autotuner. The LDG tune everything from 10M to 80M to a flat SWR! In the YouTube video notice how I'm surrounded by buildings.

http://www.youtube.com/watch?v=OtjJlZEYhJI
<http://www.youtube.com/watch?v=OtjJlZEYhJI>

Cheers,

Carl
Chameleon Antenna <http://chameleonantenna.com/>

[Non-text portions of this message have been removed]

4918. TS-590S with AT-600pro?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-09-02 15:02:11 UTC
From: Dave Earnest, K7JJ
Topic: 4918 Message: 4918

Anyone using the 590 with the AT-600. I've been using the 600 with my IC-7000 which came with an Icom interface cable. Is there something similar for the 590? There is a 4 pin AT jack on the back for an external tuner (Kenwood AT300?)

I guess the AT600pro can be tuned manually with the new rig.

73,

Dave, K7JJ

Dave Earnest

[Non-text portions of this message have been removed]

4919. Re: I need a little input...

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-09-02 18:51:14 UTC
From: kav246
Topic: 4896 Message: 4919

Stick a couple of these through your roof.

http://www.sirioantenne.it/prodotti_ant.php?category=CB+27+MHz+Accessories&antenna=+%22N-PL%22+and+%22NE-PL%22+mounts&idc=1008171293&idg=1008171169&idp=14

The spec says DC to 100 mhz but I've been using them to UHF for years without issue. When bolted through a firm part of the roof they will support the largest diamond/commet/maldol 7900 style dual band antennas without problems and seem to handle 50 watts with similar ease.

I also use them for 100w HF and they seem to cope with that too. The 3/8th adaptor is a lovely addition and would hold up 60 inch CB type whip (tuned to 10m of course!) no bother mobile and will hold a ham stick too WHILST STATIONARY! I wouldn't try that on the move though. Put the hamstick on a 3/8th Tri-Mag mount with a good quality short (ie 10 inches) coax straight to one of these mounts. Feed it from the LDG tuner and you're good to go.

The only problem is the plugs are a pain to fit and the riskiest part of the set up as the "spark gap" twixt hot and earth is but a couple on mil. Leave a solder spur in there and you risk your finals. Use mil grade cable, do a real neat job and it should serve you well.

It all sounds wrong but I've used them for years and it just works. I guess some CB stuff was actually over specified.

Hope you find what works for you.

Kav

4920. Re: [LDG-auto-tuners] Digest Number 1712

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-09-02 17:21:22 UTC
From: Tom Ed Moore, K5BM, 405 364 0504
Topic: 4920 Message: 4920

LDG Auto Antenna Tuners & Accessories A good ground and a 1:1 inline balun may help. My AT-1000 smoked a 800pf silver mica. Replace it and added balun and no more problems since then.
Tom, k5bm

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Change settings via email: Switch delivery to Individual | Switch format to Traditional
Visit Your Group | Yahoo! Groups Terms of Use | Unsubscribe

[Non-text portions of this message have been removed]

4921. Re: [LDG-auto-tuners] Camping antenna

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-09-03 18:17:02 UTC
From: Scott L. Marriam
Topic: 4898 Message: 4921

I used an Alpha-Delta dipole between 2 trees, as far up as I could get it. Worked Europe and Russia on 20m from our Scout camp barefoot, and on battery power.

Got 3 boys interested in Radio Merit badge...and getting their tickets.

de Scott, WA2DTN

4922. AT-200 Pro basics ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-09-04 02:49:08 UTC
From: obrienaj
Topic: 4922 Message: 4922

I have had an AT-200 Pro for a year or two but have not used it much. Today I installed an inverted V cut for 80M and fed it with 450 Ohm ladderline to a Balun Design 4:1 balun and a short piece of coax to the AT-200 Pro and Kenwood TS-2000. I read the LDG manual and watched the video on Youtube. I have a few newby questions.

Earlier today I had it matched on a couple of 40 and 80M frequencies. After a couple of hours break , I returned to the shack and found that I had to again tune to get new matches . It seemed to take a LONG time (making me nervous) to get a match. 15-20 seconds. Is this normal ? If not, what time frame should be average ? I'm wondering when I should start getting worried. I was using 5 watts to get matches, I assume it does not need more power to do it's magic ? On my rig's internal tuner , most operations (with OTHER antennas) are 3-5 seconds for a match.

As far as I can tell, I AM in "auto" mode.

Andy K3UK

4923. RE: [LDG-auto-tuners] AT-200 Pro basics ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-09-04 17:43:16 UTC
From: Ford Peterson
Topic: 4922 Message: 4923

It's always difficult to know for certain what is going on. What I can say is this. The time it takes to get a match is on the long side. Did you get a good match when it was done? With my AT100PRO I've seen it where it is unable to match and it searches for a long time only to set it as good as it can get and still have a 2:1 or even 3:1 SWR when it gives up trying. After keying up, a key down will once again begin searching as the SWR is too high and it triggers a new hunt for nirvana.

A resonant 80M dipole is a very difficult load on 40M. Why? Because you are end feeding two 1/2wL dipoles on 40M. Technically, at 2x resonant frequency, you are feeding an infinitely high resistance as it approaches infinity ohms. End feeding a half wave wire is virtually impossible with an autotuner. The best way to accomplish this is to off-center feed it (AKA Windom). Some will start with a slightly short 75M dipole and feed it on 40M with no big issues. 2x 4.0 MHz is 8MHz and quite a ways from resonance on 40M. My guess is that 30M would be an easy match w/your antenna as it is an odd multiple of resonance. Even multiples are simply problematic. There is no magic bullet length either. Some play with 100', which is resonant at about 4.7MHz. Your mileage will vary depending on height, distance the ends are above ground, length of the feedline (a transformation device), phase of the moon, day of the week, air temperature, your age, degree of sobriety, etc.

You are also witnessing why an 80M/40M fan dipole works so well. On 40M and 15M it "sees" the 40M element and the 80M is virtually invisible. On 80, 30, it sees the 80M element and the 40M is invisible. 20M is a tough match since 3.5 x 4 and 7 x 2 are both even multiple half wave wires.

Good luck. Experiment. Have fun!

73

Ford-N0FP

-----Original Message-----
From: LDG-auto-tuners@yahoogroups.com
[mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of obrienaj
Sent: Saturday, September 03, 2011 9:49 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] AT-200 Pro basics ?

I have had an AT-200 Pro for a year or two but have not used it much. Today I installed an inverted V cut for 80M and fed it with 450 Ohm ladderline to a Balun Design 4:1 balun and a short piece of coax to the AT-200 Pro and Kenwood TS-2000. I read the LDG manual and watched the video on Youtube. I have a few newby questions.

Earlier today I had it matched on a couple of 40 and 80M frequencies. After a couple of hours break , I returned to the shack and found that I had to again tune to get new matches . It seemed to take a LONG time (making me nervous) to get a match. 15-20 seconds. Is this normal ? If not, what time frame should be average ? I'm wondering when I should start getting worried. I was using 5 watts to get matches, I assume it does not need more power to do it's magic ? On my rig's internal tuner , most operations (with OTHER antennas) are 3-5 seconds for a match.

As far as I can tell, I AM in "auto" mode.

Andy K3UK

Yahoo! Groups Links

4924. Re: [LDG-auto-tuners] AT-200 Pro basics ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-09-04 20:03:00 UTC
From: Andrew O'Brien
Topic: 4922 Message: 4924

The tuner seems like it has a mind of its own. Earlier today it matched OK on 80M. Now it has a high SWR on 80M and will not attempt to make a match when I send a carrier. On 40 and 20 it will attempt to make a match and achieves a match. On 30M, same as 80M currently, will not attempt to make a match.

Andy K3UK

On Sun, Sep 4, 2011 at 1:43 PM, Ford Peterson <ford@highmarks.com> wrote:

> **
>
>
> It's always difficult to know for certain what is going on. What I can say
> is this. The time it takes to get a match is on the long side. Did you get
> a good match when it was done? With my AT100PRO I've seen it where it is
> unable to match and it searches for a long time only to set it as good as
> it
> can get and still have a 2:1 or even 3:1 SWR when it gives up trying. After
> keying up, a key down will once again begin searching as the SWR is too
> high
> and it triggers a new hunt for nirvana.
>
> A resonant 80M dipole is a very difficult load on 40M. Why? Because you
> are end feeding two 1/2wL dipoles on 40M. Technically, at 2x resonant
> frequency, you are feeding an infinitely high resistance as it approaches
> infinity ohms. End feeding a half wave wire is virtually impossible with
> an autotuner. The best way to accomplish this is to off-center feed it (AKA
> Windom). Some will start with a slightly short 75M dipole and feed it on
> 40M with no big issues. 2x 4.0 MHz is 8MHz and quite a ways from resonance
> on 40M. My guess is that 30M would be an easy match w/your antenna as it is
> an odd multiple of resonance. Even multiples are simply problematic. There
> is no magic bullet length either. Some play with 100', which is resonant at
> about 4.7MHz. Your mileage will vary depending on height, distance the ends
> are above ground, length of the feedline (a transformation device), phase
> of
> the moon, day of the week, air temperature, your age, degree of sobriety,
> etc.
>
> You are also witnessing why an 80M/40M fan dipole works so well. On 40M and
> 15M it "sees" the 40M element and the 80M is virtually invisible. On 80,
> 30, it sees the 80M element and the 40M is invisible. 20M is a tough match
> since 3.5 x 4 and 7 x 2 are both even multiple half wave wires.
>
> Good luck. Experiment. Have fun!
>

> 73
>
> Ford-N0FP
>
> -----Original Message-----
> From: LDG-auto-tuners@yahoogroups.com
> [mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of obrienaj
> Sent: Saturday, September 03, 2011 9:49 PM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: [LDG-auto-tuners] AT-200 Pro basics ?
>
>
> I have had an AT-200 Pro for a year or two but have not used it much. Today
> I installed an inverted V cut for 80M and fed it with 450 Ohm ladderline to
> a Balun Design 4:1 balun and a short piece of coax to the AT-200 Pro and
> Kenwood TS-2000. I read the LDG manual and watched the video on Youtube. I
> have a few newby questions.
>
> Earlier today I had it matched on a couple of 40 and 80M frequencies. After
> a couple of hours break , I returned to the shack and found that I had to
> again tune to get new matches . It seemed to take a LONG time (making me
> nervous) to get a match. 15-20 seconds. Is this normal ? If not, what time
> frame should be average ? I'm wondering when I should start getting
> worried. I was using 5 watts to get matches, I assume it does not need more
> power to do it's magic ? On my rig's internal tuner , most operations (with
> OTHER antennas) are 3-5 seconds for a match.
>
> As far as I can tell, I AM in "auto" mode.
>
> Andy K3UK
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

[Non-text portions of this message have been removed]

4925. Re: [LDG-auto-tuners] AT-200 Pro basics ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-09-04 20:10:32 UTC
From: Andrew O'Brien
Topic: 4922 Message: 4925

Duh... stupidity at my end... rig had switched to a different antenna on
those bands.

On Sun, Sep 4, 2011 at 4:03 PM, Andrew O'Brien <k3ukandy@...> wrote:

> The tuner seems like it has a mind of its own. Earlier today it matched OK
> on 80M. Now it has a high SWR on 80M and will not attempt to make a match
> when I send a carrier. On 40 and 20 it will attempt to make a match and
> achieves a match. On 30M, same as 80M currently, will not attempt to make a
> match.
>
> Andy K3UK
>
>
>

[Non-text portions of this message have been removed]

4926. New dipole blog

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-09-05 21:21:52 UTC
From: Ford Peterson
Topic: 4926 Message: 4926

I finally wrote up the shortened dipole tuning using the AT-100Pro tuner.

Loads of pictures tell the story.

http://n0fp.com/

73

Ford-N0FP

[Non-text portions of this message have been removed]

4927. IT-100 versus Z100plus

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-09-05 19:26:16 UTC
From: wb5dx1
Topic: 4927 Message: 4927

Does anyone know the effective difference between these two tuners? I will be getting an ic7000 soon and will need a tuner to go with it. Both seem essentially identical.

Thanks - Bill

4928. Re: [LDG-auto-tuners] IT-100 versus Z100plus

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-09-06 01:35:41 UTC
From: Jimmy (WB8NBI)
Topic: 4927 Message: 4928

They are about the same. The IT-100 only works with Icom. The Z-100 Plus will work with any radio.

73 Jimmy (WB8NBI)

From: wb5dx1
Sent: Monday, September 05, 2011 3:26 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] IT-100 versus Z100plus

Does anyone know the effective difference between these two tuners? I will be getting an ic7000 soon and will need a tuner to go with it. Both seem essentially identical.

Thanks - Bill

[Non-text portions of this message have been removed]

4929. FT 857D with AT 897

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-09-08 21:23:45 UTC
From: Garry Blosser
Topic: 4929 Message: 4929

OK here is the quote from LDG on their web site: Not for use with the FT-857 because of the mounting. Use the YT-100 or similar for the FT-857.
HOWEVER if mounting is NOT a consideration i.e if the FT-857D and AT 897 were going to be used in a "go-kit" to where mounting would not be to the radio would the AT-897 work without problems with the FT-857D?
I can't see why not. Thoughts!
THANKS,
Sarge

4930. AT-1000 no tune

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-09-08 21:49:17 UTC
From: aj4og
Topic: 4930 Message: 4930

I just got a AT-1000 from E-bay last week. It worked great tuning my antennas with no problem for about 3 days. Then it just stopped getting a match. It will clatter and clatter and then the reflected needle will bounce once high saying that SWR > 3. It does this when I hook it up to my 50 ohm dummy load. I did the memory clear by holding the power and tune buttons while applying power and holding until the needles stopped bouncing. Anyone have any ideas? Thanks Charles

4931. RE: [LDG-auto-tuners] AT-1000 no tune

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-09-09 13:50:46 UTC
From: Jerry Haigwood
Topic: 4930 Message: 4931

Charles,

Check the diodes in the SWR circuit.

Jerry W5JH

From: LDG-auto-tuners@yahoogroups.com
[mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of aj4og
Sent: Thursday, September 08, 2011 4:49 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] AT-1000 no tune

I just got a AT-1000 from E-bay last week. It worked great tuning my antennas with no problem for about 3 days. Then it just stopped getting a match. It will clatter and clatter and then the reflected needle will bounce once high saying that SWR > 3. It does this when I hook it up to my 50 ohm dummy load. I did the memory clear by holding the power and tune buttons while applying power and holding until the needles stopped bouncing. Anyone have any ideas? Thanks Charles

[Non-text portions of this message have been removed]

4932. Memory reset of 1000Pro II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-09-09 07:53:38 UTC
From: John Parkins
Topic: 4932 Message: 4932

Hello All,

How do I reset the memories of my 1000Pro?

I have just put up a doublet and I'm having a few 'issues'.

The antenna tunes fine using the 1000 Pro but I am always able to get
a better match manually than leaving it up to the tuner.

I have the SWR threshold set at 1.5:1 but even if a better match is
available the tuner doesn't set off automatically to find it.

Thus I thought I would try and wipe the memories and start again.

--
Best regards,
John G8KVP mailto:kvp@...

4933. Re: [LDG-auto-tuners] AT-1000 no tune

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-09-09 12:41:41 UTC
From: Nine whisky two Charlie echo hotel
Topic: 4930 Message: 4933

Same as mine before..
Have to send it to LDG for service..
They replace L3 Inductor..

I just got a AT-1000 from E-bay last week. It worked great tuning my antennas with no problem for about 3 days. Then it just stopped getting a match. It will clatter and clatter and then the reflected needle will bounce once high saying that SWR > 3. It does this when I hook it up to my 50 ohm dummy load. I did the memory clear by holding the power and tune buttons while applying power and holding until the needles stopped bouncing. Anyone have any ideas? Thanks Charles.

[Non-text portions of this message have been removed]

4934. RE: [LDG-auto-tuners] AT-1000 no tune

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-09-09 15:11:39 UTC
From: Ford Peterson
Topic: 4930 Message: 4934

This may be obvious but test it by loading a dummy load. There is a bunch of stuff between it and the antenna. Maybe you have an issue with a connectors or feedline.

Ford-N0FP

-----Original Message-----
From: LDG-auto-tuners@yahoogroups.com
[mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Nine whisky two Charlie echo hotel
Sent: Friday, September 09, 2011 7:42 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] AT-1000 no tune

Same as mine before..
Have to send it to LDG for service..
They replace L3 Inductor..

I just got a AT-1000 from E-bay last week. It worked great tuning my antennas with no problem for about 3 days. Then it just stopped getting a match. It will clatter and clatter and then the reflected needle will bounce once high saying that SWR > 3. It does this when I hook it up to my 50 ohm dummy load. I did the memory clear by holding the power and tune buttons while applying power and holding until the needles stopped bouncing. Anyone have any ideas? Thanks Charles.

[Non-text portions of this message have been removed]

Yahoo! Groups Links

4935. Re: AT-1000 no tune

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-09-09 20:12:21 UTC
From: aj4og
Topic: 4930 Message: 4935

I will pull it apart and do that this evening. Thank you.

--- In LDG-auto-tuners@yahoogroups.com, "Jerry Haigwood" <w5jh@...> wrote:
>
> Charles,
>
> Check the diodes in the SWR circuit.
>
> Jerry W5JH
>
>
>
> From: LDG-auto-tuners@yahoogroups.com
> [mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of aj4og
> Sent: Thursday, September 08, 2011 4:49 PM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: [LDG-auto-tuners] AT-1000 no tune
>
>
>
>
>
> I just got a AT-1000 from E-bay last week. It worked great tuning my
> antennas with no problem for about 3 days. Then it just stopped getting a
> match. It will clatter and clatter and then the reflected needle will bounce
> once high saying that SWR > 3. It does this when I hook it up to my 50 ohm
> dummy load. I did the memory clear by holding the power and tune buttons
> while applying power and holding until the needles stopped bouncing. Anyone
> have any ideas? Thanks Charles
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

4936. Re: AT-1000 no tune

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-09-09 20:15:16 UTC
From: aj4og
Topic: 4930 Message: 4936

I did that, but not before doing 15 other things that made no difference at all. I just knew it was not the tuner, but it proved me wrong.

--- In LDG-auto-tuners@yahoogroups.com, "Ford Peterson" <ford@...> wrote:
>
> This may be obvious but test it by loading a dummy load. There is a bunch
> of stuff between it and the antenna. Maybe you have an issue with a
> connectors or feedline.
>
> Ford-N0FP
>
>
> -----Original Message-----
> From: LDG-auto-tuners@yahoogroups.com
> [mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Nine whisky two
> Charlie echo hotel
> Sent: Friday, September 09, 2011 7:42 AM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: Re: [LDG-auto-tuners] AT-1000 no tune
>
> Same as mine before..
> Have to send it to LDG for service..
> They replace L3 Inductor..
>
>
>
> ________________________________
>
>
>
> I just got a AT-1000 from E-bay last week. It worked great tuning my
> antennas with no problem for about 3 days. Then it just stopped getting a
> match. It will clatter and clatter and then the reflected needle will bounce
> once high saying that SWR > 3. It does this when I hook it up to my 50 ohm
> dummy load. I did the memory clear by holding the power and tune buttons
> while applying power and holding until the needles stopped bouncing. Anyone
> have any ideas? Thanks Charles.
>
>
>
> [Non-text portions of this message have been removed]
>
>
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>
> Yahoo! Groups Links
>

4937. Re: AT-1000 no tune

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-09-09 20:13:14 UTC
From: aj4og
Topic: 4930 Message: 4937

I hope I can avoid that. What did it set you back for the repair?

--- In LDG-auto-tuners@yahoogroups.com, Nine whisky two Charlie echo hotel <my_9w2ceh@...> wrote:
>
> Same as mine before..
> Have to send it to LDG for service..
> They replace L3 Inductor..
>
>
>
> _____
>
>
>
> I just got a AT-1000 from E-bay last week. It worked great tuning my antennas with no problem for about 3 days. Then it just stopped getting a match. It will clatter and clatter and then the reflected needle will bounce once high saying that SWR > 3. It does this when I hook it up to my 50 ohm dummy load. I did the memory clear by holding the power and tune buttons while applying power and holding until the needles stopped bouncing. Anyone have any ideas? Thanks Charles.
>
>
>
> [Non-text portions of this message have been removed]
>

4938. Re: AT-1000 no tune

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-09-09 22:05:21 UTC
From: aj4og
Topic: 4930 Message: 4938

Checked the diodes and they are good, but the capacitor c3 which is the adjustable one looked arced or burnt a little. So I took my little screw driver to scrape the black stuff off and the rotatable disk fell apart. Looked like it had gotten very hot. Any idea of the value of the adj cap? Thanks Charles

--- In LDG-auto-tuners@yahoogroups.com, "Jerry Haigwood" <w5jh@...> wrote:
>
> Charles,
>
> Check the diodes in the SWR circuit.
>
> Jerry W5JH
>
>
>
> From: LDG-auto-tuners@yahoogroups.com
> [mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of aj4og
> Sent: Thursday, September 08, 2011 4:49 PM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: [LDG-auto-tuners] AT-1000 no tune
>
>
>
>
>
>
> I just got a AT-1000 from E-bay last week. It worked great tuning my
> antennas with no problem for about 3 days. Then it just stopped getting a
> match. It will clatter and clatter and then the reflected needle will bounce
> once high saying that SWR > 3. It does this when I hook it up to my 50 ohm
> dummy load. I did the memory clear by holding the power and tune buttons
> while applying power and holding until the needles stopped bouncing. Anyone
> have any ideas? Thanks Charles
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

4939. Re: AT-1000 no tune

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-09-09 23:25:43 UTC
From: Dwayne
Topic: 4930 Message: 4939

3-23 pf, 500 V.

Dwayne
LDG

--- In LDG-auto-tuners@yahoogroups.com, "aj4og" <allenc229@...> wrote:
>
> Checked the diodes and they are good, but the capacitor c3 which is the adjustable one looked arced or burnt a little. So I took my little screw driver to scrape the black stuff off and the rotatable disk fell apart. Looked like it had gotten very hot. Any idea of the value of the adj cap? Thanks Charles
>

4940. Re: AT-1000 no tune

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-09-10 00:20:39 UTC
From: aj4og
Topic: 4930 Message: 4940

Thank You

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
> 3-23 pf, 500 V.
>
> Dwayne
> LDG
>
> --- In LDG-auto-tuners@yahoogroups.com, "aj4og" <allenc229@> wrote:
> >
> > Checked the diodes and they are good, but the capacitor c3 which is the adjustable one looked arced or burnt a little. So I took my little screw driver to scrape the black stuff off and the rotatable disk fell apart. Looked like it had gotten very hot. Any idea of the value of the adj cap? Thanks Charles
> >
>

4941. Chameleon V2L Mounted on a Bicycle Stored on a Balcony - LDG IT-100 Autotuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-09-10 05:27:31 UTC
From: CarlL
Topic: 4941 Message: 4941

Chameleon V2L Mounted on a Bicycle Stored on a Balcony - LDG IT-100 Autotuner

The bicycle was located on the balcony at the second floor.

Radio: IC-7000
Tuner: LDG IT-100 Autotuner
HF Power = 100W

This video shows a simple bicycle antenna setup. The V2L is grounded to the bicycle frame and to the aluminum patio door to reduce the RX noise in the transceiver.

Frequency operated:
40M

http://www.youtube.com/watch?v=VJn2mipUC2k
<http://www.youtube.com/watch?v=VJn2mipUC2k>

Cheers,

Carl

[Non-text portions of this message have been removed]

4942. Can Z11Pro2 sustain contesting on 10-15m without overheating?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-09-12 15:43:43 UTC
From: sp8fwb
Topic: 4942 Message: 4942

I have Z11Pro and use it with IC7000. Very light and good tuning. However it smokes after 10 min of CQing on 10 or 15m. Seems the cores have low Q on higher bands.

As I am going to VK and then perhaps more soon, I would like to take a light tuner with me. Z11Pro cannot be counted as reliable for DXpeditions. I have heard from Dewayne that Z11Pro2 can handle more power. Any experiences?

Ignacy, NO9E

4943. Re: Can Z11Pro2 sustain contesting on 10-15m without overheating?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-09-13 00:13:55 UTC
From: Dwayne
Topic: 4942 Message: 4943

My initial thought is no. The power rating for the Z-11Pro is 125 watts at PEP SSB. If you run CW, it's a slightly less duty cycle, but during a contest, it's a much higher duty cycle and will most likely go over the rated limits.

Even the Z-11ProII is rated the same, so it should also not be used in high duty cycle environments.

I'd move up to the AT-200ProII since it's rated at 250 watts PEP SSB. That should give you plenty of room for high speed CW at contest rates at 100W.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "sp8fwb" <no9e@...> wrote:
>
> I have Z11Pro and use it with IC7000. Very light and good tuning. However it smokes after 10 min of CQing on 10 or 15m. Seems the cores have low Q on higher bands.
>
> As I am going to VK and then perhaps more soon, I would like to take a light tuner with me. Z11Pro cannot be counted as reliable for DXpeditions. I have heard from Dewayne that Z11Pro2 can handle more power. Any experiences?
>
> Ignacy, NO9E
>

4944. AT11 interface question

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-09-14 15:36:59 UTC
From: ag4hg
Topic: 4944 Message: 4944

This tuner has two ports that are useful for interfacing with the radio, one is a male DB9 connector and the other is a stereo miniature (1/8) phone plug. Is it possible to use both interfaces are the same time? What I am considering is hooking up two radios to this tuner, one to each interface.

If you have done this, please let me know how well it worked.

4945. AT-7000 and Jupiter 538c

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-09-16 05:31:30 UTC
From: k5cqb_2
Topic: 4945 Message: 4945

I have heard of a person hooking up their AT-7000 to a Ten Tec Jupiter. Has anyone here done this and if so;
What do you hook the Blue and Green (#5 and #6 on the DIN) wires? Would they be connected to the same spot on the board as the JT-11?

Any help on this would be appreciated. It would be nice to be able to utilize my AT-7000 until I can save up for another LDG.

Thanks,
Jim

4946. hello company at1000pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-09-17 10:34:50 UTC
From: satyan s
Topic: 4946 Message: 4946

I am planning to buy an LDG 1KW tuner for my shack from W4RT. Before I take the plunge I would like to get the following details from you.

My set up contains a Yaesu FT920, RM Italy HLA300V amplifier and homebrewed antennas which have good swr indications in relation to the bands they are made for. I already have a Z11PRO which is connected to a Yaesu ft857d which works awesome. I plan to put the 1KW tuner along with the amp which has an output of 400/500 watts. Now this amp has no alc connection, it works on the rf sense principle and the only connection is rf in and rf out. I will be taking an output power of maximum 15 watts from the rig to the amp which will provide 400/500 watts output. My question is can I put the amp in line between the amp and antenna with mere
Rf in and out or do I need any connections between the rig and amp too. If I am right I will be tuning the whole system with 15 watts in the amp off position, then put on the amp and drive the antennas. The amp have in built automatic band selection capabilities if put in RF sense mode.

Thanks and hopes to hear from you all soon, so that I can go ahead with my purchase.

73
Vu3mes
Satyan

4947. Re: [LDG-auto-tuners] hello company at1000pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-09-17 13:53:51 UTC
From: Jimmy (WB8NBI)
Topic: 4946 Message: 4947

The Tuner has to be the last thing in line before the antenna. It should be Radio- Amp- then Tuner.

73 Jimmy (WB8NBI)

From: satyan s
Sent: Saturday, September 17, 2011 6:34 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] hello company at1000pro

I am planning to buy an LDG 1KW tuner for my shack from W4RT. Before I take the plunge I would like to get the following details from you.

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Thanks and hopes to hear from you all soon, so that I can go ahead with my purchase.

73
Vu3mes
Satyan

[Non-text portions of this message have been removed]

4948. AT100 Pro upgrade chip

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-09-15 20:26:49 UTC
From: dmmk42
Topic: 4948 Message: 4948

I have a AT100 Pro with chip version 1.3. What improvements would be gain with the version 1.4 chip?
73,
Dave
WB9YWE

4949. Re: [LDG-auto-tuners] AT100 Pro upgrade chip

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-09-17 22:04:09 UTC
From: doug pfaff
Topic: 4948 Message: 4949

Hi Dave

Why not ask the LDG folks the unit manufacturer folks they would know best the difference instead of have others speculate.

Doug VE5DCP

Doug Pfaff
doug.pfaff@...
----- Original Message -----
From: dmmk42
To: LDG-auto-tuners@yahoogroups.com
Sent: Thursday, September 15, 2011 2:26 PM
Subject: [LDG-auto-tuners] AT100 Pro upgrade chip

I have a AT100 Pro with chip version 1.3. What improvements would be gain with the version 1.4 chip?
73,
Dave
WB9YWE

[Non-text portions of this message have been removed]

4950. Re: AT100 Pro upgrade chip

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-09-18 10:23:36 UTC
From: Steen N.
Topic: 4948 Message: 4950

Sri Dave - it is not an answer to your question - just ekstra questions!
I have a version 1.0, what would I gain.
And another question, how do I get the newest version (W4RT does not stock it anymore!)
vy 73
OZ5N, Steen

--- In LDG-auto-tuners@yahoogroups.com, "dmmk42" <dmmk42@...> wrote:
>
> I have a AT100 Pro with chip version 1.3. What improvements would be gain with the version 1.4 chip?
> 73,
> Dave
> WB9YWE
>

4951. AT 897 versions

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-09-18 14:40:16 UTC
From: john
Topic: 4951 Message: 4951

i have a question or 2 aimed at those in the know!

my At897 is the non plus model version 1.0g
qustion :-
is there any firmware updates of any use avilable?

if not is it feasable to turn the AT897 INTO A AT879PLUS even if it means sending it back to the states?.

as i see it i am only lacking the 2000 or so memories!!

i can only dream

thanks in advance for any replies
john g8xgs in the UK

4952. AT-1000 Pro Bypass Mode

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-09-18 16:53:29 UTC
From: TomW
Topic: 4952 Message: 4952

Could someone tell me if the meter on the AT-1000 Pro works in bypass mode?

Thanks!

4953. Re: [LDG-auto-tuners] AT-1000 Pro Bypass Mode

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-09-19 02:53:05 UTC
From: Jimmy (WB8NBI)
Topic: 4952 Message: 4953

Yes it does on my At-1000Pro.

73 Jimmy (WB8NBI)

From: TomW
Sent: Sunday, September 18, 2011 12:53 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] AT-1000 Pro Bypass Mode

Could someone tell me if the meter on the AT-1000 Pro works in bypass mode?

Thanks!

[Non-text portions of this message have been removed]

4954. AT-100ProII odd behavior

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-09-19 17:02:21 UTC
From: dsmoore99
Topic: 4954 Message: 4954

Picked up a slightly-used AT-100ProII tuner on eBay. I also have an AT-600Pro and used to have a borrowed AT-100Pro.

My setup is an Elecraft K3/100 to a Daiwa CN-801 Power/SWR meter to the AT-100 to a 4:1 balun feeding a 66' doublet. Tuning up is not a problem 80M through 6M.

Here's the issue: It seems as if the ANT1/ANT2 jacks or the Ant2 light is wired backwards. My antenna is plugged into ANT1. Checked and double checked. When the front panel indicates that Ant2 is selected I am able to tune up and have excellent reception. When the Ant2 light is off, I can't tune up and don't hear anything.
If I move my antenna to the Ant2 port, it acts exactly opposite. Only tunes up when the Ant2 light is off.
Just like on my AT-600 and the previous AT-100 I used, the ANT1 jack is correctly labeled and in the correct location on the back panel. I know which is which.

Thoughts?

4955. Z100 plus to IC 7200

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-09-25 19:27:37 UTC
From: Cliff Hedgepeth
Topic: 4955 Message: 4955

I have a Z100 plus that I have had for a couple of years. I just purchased an Icom 7200. I am told the z100plus is AH4 compatable. What kind of cable do I need to interface them?

Cliff
K4MLD

4956. Re: Z100 plus to IC 7200

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-09-26 15:11:57 UTC
From: Cliff Hedgepeth
Topic: 4955 Message: 4956

Lo and behold the Icom cable was still in the LDG box. I saved the box. Works like a champ.

Cliff
K4MLD

--- In LDG-auto-tuners@yahoogroups.com, "Cliff Hedgepeth" <k4mld@...> wrote:
>
> I have a Z100 plus that I have had for a couple of years. I just purchased an Icom 7200. I am told the z100plus is AH4 compatable. What kind of cable do I need to interface them?
>
> Cliff
> K4MLD
>

4957. IC-7000 and LDG AT-100 Pro II: Screen flickering, bypass and power switch off-on

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-09-26 15:56:58 UTC
From: frixsix
Topic: 4957 Message: 4957

As this issue comprises a combined setup of ICOM IC-7000 and LDG AT-100 Pro II, I have cross-posted to the "ic-7000" group and to the "LDG-auto-tuners" group.

My ICOM IC-7000 and/or antenna tuner LDG AT-100 Pro II, have gotten "hiccups", which I don't understand and therefore have been unable to remedy. Consequently, I have to seek advice and experience where it best can be found. Below, I will try to describe my setup, what has happened, what I have done to try to understand the problems

The rig is mounted in my car, with the transmitting device and the tuner in the trunk in the back, and the detachable front panel is located on the dashboard.

The detachable front panel and the transmitting unit are connected by a standard 5 metres ICOM control cable, under the back seat and between the front seats to the front panel on the dashboard.

The tuner and the rig is connected by a signal and power cable for ICOM supplied with the tuner. As the tuner is located in the trunk, tuning is normally done from the front panel or from the Tune button on the microphone.

The antenna cable is a Mobinet MC-3M mounted on the MFJ-343 antenna foot mounted on 4TMA antenna bracket tightly fastened to the towbar ball. The towbar is of course connected to the body of the car.

The antenna is a Moonraker AMPRO 20 helical wound whip antenna.

The transmitter is grounded to the chassis (by the centre seatbelt holder under the back seat), while the tuner and power supply is grounded to the transmitter.

The power source is a separate 12V silver-calcium battery in the trunk i the back.

This setup has worked well together both on 20 meters and 80 meters (of course with AMPRO 80 as the antenna of 80 m) until last week. I was then operating on 20 metres, with the car parked and the ignition turned off. Suddenly, the IC-7000 front panel screen started to flicker when transmitting. The flickering showed as hazy vertical stripes and dots across the screen, and clearly was synchronized with the speech. Despite the interference on the screen, sufficient power was transmitted that I was able to work thorugh the pile-ups on several stations in the Middle East and Southern Africa, with good reports.

Since the tuner is located in the trunk along with the transmitter, I did not see the readings on the tuner, but the tuning seemed to be working fine. I noticed that the tuning was fast and figured that the tuner's advertised memory function to speed up tuning was coming into effect. Anyway, when whistling into the microphone, the SWR readings on the ICOM front panel was 1,5 or below. I have since had second thoughts that the tuning was fast because it did in fact not tune, but went into some form of bypass or protection.

After half an hour working through a couple of too tempting pile-ups (still with the flickering screen), the radio suddenly began to switch the power off as soon as I spoke into the microphone. I had not made any changes to any settings, except re-tuned to new frequencies. The power switched back on again immediately. After a new tuning, the same thing happened again.

I then tried to transmit with the auto tune switched off (the red TUNE symbol in the upper left corner of the screen was off), to no avail.

Reducing the transmitter power to 18% (low power, randomly chosen there and then) had no effect. The radio continued to turn itself off when I spoke into the microphone, and then immediately turn on again. When I pressed the PTT-button without speaking, nothing happened other than the transmitter changing to transmit mode. The power remained on.

As the power cut immediately on speaking, I was not able to take any SWR readings on the front panel metre while transmitting a signal.

My best guess is that the power was cut by the high SWR protection circuit, which did not come into effect before a voice signal was transmitted. However, if high SWR is the problem, what caused the sudden change in consequences, when everything worked quite well before? And if high SWR is not the problem, what can cause the radio to switch off and on as soon as I speak into the microphone?

I then tried to tune the tuner manually. First, I changed both the C and L so that the C and L readings on the tuner was approx. in the middle of their ranges, just in case they had run far beyond the end of their scales and failed to reset.

Then I pressed the Tune button, but the tuner immediately switched to Bypass and refused to tune.

I then tried to auto-tune by pressing the Auto button on the tuner before tuning, which tuned to an SWR of approx. 1,5-1,7. Not ideal, but certainly not a big problem for a modern transmitter. However, this produced the same flickering result during voice transmit, but at least the power remained on when I used the Tune button on the tuner.

I subsequently changed to the AMPRO 40 antenna and tried my luck on 40 metres. I had not used the AMPRO 40 antenna before, but it made no positive difference, but offered some negative. All the same things happened for manualtning, as well as auto tuning. In addition, after a short while the radio began to turn off-on-off-on-off-... in quick succession, almost like hiccups. Then I pulled out the control cable from the console, disconnected the power, disconnected the antenna cable, dismantled the antenna, and drove home.

On dismantling, the cables, antenna, antenna mount and plugs all looked fine, with no loose or bad contacts, no moisture, or anything mechanical that could create these problems.

I have since put everything together again, and tried the setup on 15 and 20 metres, with no changes. On 15 metres it seems to work well, with SWR at approx. 1,5 and less. On 20 metres the power stays on and the tuner tunes to an SWR around 1,5, but the flickering appears immediately on voice transmit. I have worked some stations, but I am reluctant to take it any further before I know what is going on, and how to remedy the issues. I have not ventured to try 40 metres.

Does anybody have any ideas about what is happening and how it can be fixed?

Anxiously awaiting your response.

73,
Frode/LA6VQ

4958. Re: IC-7000 and LDG AT-100 Pro II: Screen flickering, bypass and power switch off-on

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-09-26 17:30:03 UTC
From: Dwayne
Topic: 4957 Message: 4958

Hello Frode,

It's most likely RF getting into the radio from the remote cable. Start with snap-on RF chokes on both ends of the remote cable as well as one on the interface cable to the tuner and the DC power cable to the radio.

Also read this web site: http://www.k0bg.com/

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "frixsix" <frodeigland2@...> wrote:
>
> As this issue comprises a combined setup of ICOM IC-7000 and LDG AT-100 Pro II, I have cross-posted to the "ic-7000" group and to the "LDG-auto-tuners" group.
>
> My ICOM IC-7000 and/or antenna tuner LDG AT-100 Pro II, have gotten "hiccups", which I don't understand and therefore have been unable to remedy. Consequently, I have to seek advice and experience where it best can be found. Below, I will try to describe my setup, what has happened, what I have done to try to understand the problems
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>
> The detachable front panel and the transmitting unit are connected by a standard 5 metres ICOM control cable, under the back seat and between the front seats to the front panel on the dashboard.
>
> The tuner and the rig is connected by a signal and power cable for ICOM supplied with the tuner. As the tuner is located in the trunk, tuning is normally done from the front panel or from the Tune button on the microphone.
>
> The antenna cable is a Mobinet MC-3M mounted on the MFJ-343 antenna foot mounted on 4TMA antenna bracket tightly fastened to the towbar ball. The towbar is of course connected to the body of the car.
>
> The antenna is a Moonraker AMPRO 20 helical wound whip antenna.
>
> The transmitter is grounded to the chassis (by the centre seatbelt holder under the back seat), while the tuner and power supply is grounded to the transmitter.
>
> The power source is a separate 12V silver-calcium battery in the trunk i the back.
>
> This setup has worked well together both on 20 meters and 80 meters (of course with AMPRO 80 as the antenna of 80 m) until last week. I was then operating on 20 metres, with the car

parked and the ignition turned off. Suddenly, the IC-7000 front panel screen started to flicker when transmitting. The flickering showed as hazy vertical stripes and dots across the screen, and clearly was synchronized with the speech. Despite the interference on the screen, sufficient power was transmitted that I was able to work thorugh the pile-ups on several stations in the Middle East and Southern Africa, with good reports.
>
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> After half an hour working through a couple of too tempting pile-ups (still with the flickering screen), the radio suddenly began to switch the power off as soon as I spoke into the microphone. I had not made any changes to any settings, except re-tuned to new frequencies. The power switched back on again immediately. After a new tuning, the same thing happened again.
>
> I then tried to transmit with the auto tune switched off (the red TUNE symbol in the upper left corner of the screen was off), to no avail.
>
> Reducing the transmitter power to 18% (low power, randomly chosen there and then) had no effect. The radio continued to turn itself off when I spoke into the microphone, and then immediately turn on again. When I pressed the PTT-button without speaking, nothing happened other than the transmitter changing to transmit mode. The power remained on.
>
> As the power cut immediately on speaking, I was not able to take any SWR readings on the front panel metre while transmitting a signal.
>
> My best guess is that the power was cut by the high SWR protection circuit, which did not come into effect before a voice signal was transmitted. However, if high SWR is the problem, what caused the sudden change in consequences, when everything worked quite well before? And if high SWR is not the problem, what can cause the radio to switch off and on as soon as I speak into the microphone?
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>
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>
> Anxiously awaiting your response.
>
> 73,
> Frode/LA6VQ
>

4959. Re: [LDG-auto-tuners] IC-7000 and LDG AT-100 Pro II: Screen flickering, bypass and power switch off-on

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-09-26 17:55:45 UTC
From: AB1DD
Topic: 4957 Message: 4959

Also, make sure the little screw is in on the remote cable, it is the ground connection All the symptoms are pointing to RF getting into the system. I've found 40M to be real sensitive!

73,

Carl

AB1DD

Resistance is futile.

(don't know about reactance, though)

--- On Mon, 9/26/11, frixsix <frodeigland2@...> wrote:

From: frixsix <frodeigland2@...>
Subject: [LDG-auto-tuners] IC-7000 and LDG AT-100 Pro II: Screen flickering, bypass and power switch off-on
To: LDG-auto-tuners@yahoogroups.com
Date: Monday, September 26, 2011, 11:56 AM

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Frode/LA6VQ

[Non-text portions of this message have been removed]

4960. RE: [LDG-auto-tuners] IC-7000 and LDG AT-100 Pro II: Screen flickering, bypass and power switch off-on

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-09-26 20:40:41 UTC
From: Jan
Topic: 4957 Message: 4960

I had the same problem with my ic-706mkiig. I wrapped aluminums foil around the tuner, and that solved the problem.

73

Jan - LA2XSA

From: LDG-auto-tuners@yahoogroups.com
[mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of frixsix
Sent: Monday, September 26, 2011 5:57 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] IC-7000 and LDG AT-100 Pro II: Screen flickering, bypass and power switch off-on

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On dismantling, the cables, antenna, antenna mount and plugs all looked fine, with no loose or bad contacts, no moisture, or anything mechanical that could create these problems.

I have since put everything together again, and tried the setup on 15 and 20 metres, with no changes. On 15 metres it seems to work well, with SWR at approx. 1,5 and less. On 20 metres the power stays on and the tuner tunes to an SWR around 1,5, but the flickering appears immediately on voice transmit. I have worked some stations, but I am reluctant to take it any further before I know what is going on, and how to remedy the issues. I have not ventured to try 40 metres.

Does anybody have any ideas about what is happening and how it can be fixed?

Anxiously awaiting your response.

73,
Frode/LA6VQ

[Non-text portions of this message have been removed]

4961. Re: IC-7000 and LDG AT-100 Pro II: Screen flickering, bypass and power switch off-on

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-09-26 22:36:38 UTC
From: Cliff Hedgepeth
Topic: 4957 Message: 4961

While you are looking, make sure all your 12V connections to the radio are clean. Low voltage will cause all kinds of strange things to happen.

Cliff
K4MLD

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
> Hello Frode,
>
> It's most likely RF getting into the radio from the remote cable. Start with snap-on RF chokes on both ends of the remote cable as well as one on the interface cable to the tuner and the DC power cable to the radio.
>
> Also read this web site: http://www.k0bg.com/
>
> Dwayne Kincaid
> LDG
>
> --- In LDG-auto-tuners@yahoogroups.com, "frixsix" <frodeigland2@> wrote:
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> >
> > Does anybody have any ideas about what is happening and how it can be fixed?
> >
> > Anxiously awaiting your response.
> >
> > 73,
> > Frode/LA6VQ
> >
>

4962. W4RT ONE-TOUCH TUNE for the FT-817

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-09-26 23:07:59 UTC
From: kozey746
Topic: 4962 Message: 4962

Looking for One of these for use with the Z 11 Tuner.
Message here or email ve5rmk@...

4963. Re: IC-7000 and LDG AT-100 Pro II: Screen flickering, bypass and power switch off-on

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-09-27 18:44:02 UTC
From: kav246
Topic: 4957 Message: 4963

Hello

Someone else suggests you check all 12v connections. To be more specific, check the plug on the back of the radio. The pins in the 706 plug were "folded female" with an unwelded seam and could splay appart over time. I suspect the 7000s are similar. They would seem OK at switch on but under load, due either to heat expansion or smaller contact patch, they could not carry enough current to supply the transmitter. Consequently on SSB, where there is almost the same draw as on RX even when keyed, the TX would not shut down until you actually speak and the load shoots up. Immediately the current draw drops, the radio turns back on.

The fix is an easy one and just involves pinching or levering the walls of the pins together slightly along the split. Just don't over do it.

Also check all other 12v connections, including the tuner. If that doesn't fix it you can try the complete set up , including the cables,out of the car. If it exibits the same fault then you know it is caused by something in the setup rather than RF in the vehicle.

Replace the cables, 1 by 1 and hope one shows up faulty.If it does, rplace it and your sorted.

If the fault does not appear when outside the vehicle, start looking at antenna connections/earths and maybe start fitting ferrites as suggested elsewhere.

Hope you find your solution.

Kav

4964. AT-897 tuning power

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-09-29 17:44:43 UTC
From: John Hebert
Topic: 4964 Message: 4964

Greetings from Montreal,

I am very happy portable/QRP operator using an FT-817D with an LDG Z-817, among other LDG products, and I now have designs on the AT-897 Plus to couple with my newer and bigger FT-897D transceiver.

Here then is my question for all you current AT-897 operators in the know: The description on LDG's web page claims the tuning procedure uses 'only 25 Watts' of power on AM during the cycle, but what if you are operating at QRP levels of say 10, or even as low as 5W, as is my current practice with my smaller rig? Can I interpret this to mean that the tuner will send a command to the transceiver to increase the power during the tuning cycle? This seems like a lot of power to me when running off batteries, particularly so with the smaller internal ones....By way of comparison, my current Z-817 uses only a 2.5 Watt signal from my smaller rig to accomplish basically the same task.

Thank you for any help folks!

John
VE2EJH

4965. New to group and have a LDG AT-11MP and would like to check it out

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-09-29 23:04:00 UTC
From: kawayuppie
Topic: 4965 Message: 4965

Hello All,

I am new to the group and LDG Auto Anetnna Tuners. I have acquired a LDG AT-11MP which physically looks in good condition, however for a peace of mind, I would like to make sure it will be working correctly.

Are there a set of checks and tests I can do to ensure that everything is fine inside? It already has the version 1.6 upgrade.

I have read in the messages that often the diodes used in the SWR bridge can sometimes fail but besides that, I would like to know if there are a set of standard checks I can make, and any alignment checks.

vy 73

Andre', M0JEK

4966. Re: IC-7000 and LDG AT-100 Pro II: Screen flickering, bypass and power switch off-on

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-10-03 16:38:22 UTC
From: frixsix
Topic: 4957 Message: 4966

Dwayne,

Thanks for your response. I am sorry for not having responded earlier, but it has been quite busy on several fronts lately. I finally got around to follow your advice re RF chokes, and clearly you hit. The flickering screen is gone, and the same applies to the power off-on-off-....

I still don't understand why this happens on 20 and 40, but not on 15 and 80, but I am crossing my fingers that everything is solved.

And the K0BG webpage is really something.

Thanks a lot for your help.

73,
Frode/LA6VQ

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
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> Hello Frode,
>
> It's most likely RF getting into the radio from the remote cable. Start with snap-on RF chokes on both ends of the remote cable as well as one on the interface cable to the tuner and the DC power cable to the radio.
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> > 73,
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4967. Re: IC-7000 and LDG AT-100 Pro II: Screen flickering, bypass and power switch off-on

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-10-03 16:42:57 UTC
From: frixsix
Topic: 4957 Message: 4967

Carl,
Thanks for your advice.

It seems like RF was the problem, at least a number of RF chokes removed the problem. The little ground connection screw seemes to be in place and in good contact, but I'll look after it every now and then to make sure it stays in place, too.

73,
Frode/LA6VQ

--- In LDG-auto-tuners@yahoogroups.com, AB1DD <ab1dd@...> wrote:
>
> Also, make sure the little screw is in on the remote cable, it is the ground connection
> All the symptoms are pointing to RF getting into the system. I've found 40M to be real sensitive!
>
> 73,
>
> Carl
>
> AB1DD
>
>
>
> Resistance is futile.
>
> (don't know about reactance, though)
>
> --- On Mon, 9/26/11, frixsix <frodeigland2@...> wrote:
>
> From: frixsix <frodeigland2@...>
> Subject: [LDG-auto-tuners] IC-7000 and LDG AT-100 Pro II: Screen flickering, bypass and power switch off-on
> To: LDG-auto-tuners@...m
> Date: Monday, September 26, 2011, 11:56 AM
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>
> Anxiously awaiting your response.
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>
>
> 73,
>
> Frode/LA6VQ
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> [Non-text portions of this message have been removed]
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4968. Re: IC-7000 and LDG AT-100 Pro II: Screen flickering, bypass and power switch off-on

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-10-03 16:45:29 UTC
From: frixsix
Topic: 4957 Message: 4968

Thanks for the input, Jan.

RF chokes solved the problem, but I'll bear the aluminium foil in mind, should anything like this happen again.

73.
LA6VQ/Frode

--- In LDG-auto-tuners@yahoogroups.com, "Jan" <jan@...> wrote:
>
> I had the same problem with my ic-706mkiig. I wrapped aluminums foil around
> the tuner, and that solved the problem.
>
> 73
>
> Jan - LA2XSA
>
>
>
> From: LDG-auto-tuners@yahoogroups.com
> [mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of frixsix
> Sent: Monday, September 26, 2011 5:57 PM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: [LDG-auto-tuners] IC-7000 and LDG AT-100 Pro II: Screen flickering,
> bypass and power switch off-on
>
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>
> As this issue comprises a combined setup of ICOM IC-7000 and LDG AT-100 Pro
> II, I have cross-posted to the "ic-7000" group and to the "LDG-auto-tuners"
> group.
>
> My ICOM IC-7000 and/or antenna tuner LDG AT-100 Pro II, have gotten
> "hiccups", which I don't understand and therefore have been unable to
> remedy. Consequently, I have to seek advice and experience where it best can
> be found. Below, I will try to describe my setup, what has happened, what I
> have done to try to understand the problems
>
> The rig is mounted in my car, with the transmitting device and the tuner in
> the trunk in the back, and the detachable front panel is located on the
> dashboard.
>

> The detachable front panel and the transmitting unit are connected by a
> standard 5 metres ICOM control cable, under the back seat and between the
> front seats to the front panel on the dashboard.
>
> The tuner and the rig is connected by a signal and power cable for ICOM
> supplied with the tuner. As the tuner is located in the trunk, tuning is
> normally done from the front panel or from the Tune button on the
> microphone.
>
> The antenna cable is a Mobinet MC-3M mounted on the MFJ-343 antenna foot
> mounted on 4TMA antenna bracket tightly fastened to the towbar ball. The
> towbar is of course connected to the body of the car.
>
> The antenna is a Moonraker AMPRO 20 helical wound whip antenna.
>
> The transmitter is grounded to the chassis (by the centre seatbelt holder
> under the back seat), while the tuner and power supply is grounded to the
> transmitter.
>
> The power source is a separate 12V silver-calcium battery in the trunk i the
> back.
>
> This setup has worked well together both on 20 meters and 80 meters (of
> course with AMPRO 80 as the antenna of 80 m) until last week. I was then
> operating on 20 metres, with the car parked and the ignition turned off.
> Suddenly, the IC-7000 front panel screen started to flicker when
> transmitting. The flickering showed as hazy vertical stripes and dots across
> the screen, and clearly was synchronized with the speech. Despite the
> interference on the screen, sufficient power was transmitted that I was able
> to work thorugh the pile-ups on several stations in the Middle East and
> Southern Africa, with good reports.
>
> Since the tuner is located in the trunk along with the transmitter, I did
> not see the readings on the tuner, but the tuning seemed to be working fine.
> I noticed that the tuning was fast and figured that the tuner's advertised
> memory function to speed up tuning was coming into effect. Anyway, when
> whistling into the microphone, the SWR readings on the ICOM front panel was
> 1,5 or below. I have since had second thoughts that the tuning was fast
> because it did in fact not tune, but went into some form of bypass or
> protection.
>
> After half an hour working through a couple of too tempting pile-ups (still
> with the flickering screen), the radio suddenly began to switch the power
> off as soon as I spoke into the microphone. I had not made any changes to
> any settings, except re-tuned to new frequencies. The power switched back on
> again immediately. After a new tuning, the same thing happened again.
>
> I then tried to transmit with the auto tune switched off (the red TUNE
> symbol in the upper left corner of the screen was off), to no avail.
>

> Reducing the transmitter power to 18% (low power, randomly chosen there and
> then) had no effect. The radio continued to turn itself off when I spoke
> into the microphone, and then immediately turn on again. When I pressed the
> PTT-button without speaking, nothing happened other than the transmitter
> changing to transmit mode. The power remained on.
>
> As the power cut immediately on speaking, I was not able to take any SWR
> readings on the front panel metre while transmitting a signal.
>
> My best guess is that the power was cut by the high SWR protection circuit,
> which did not come into effect before a voice signal was transmitted.
> However, if high SWR is the problem, what caused the sudden change in
> consequences, when everything worked quite well before? And if high SWR is
> not the problem, what can cause the radio to switch off and on as soon as I
> speak into the microphone?
>
> I then tried to tune the tuner manually. First, I changed both the C and L
> so that the C and L readings on the tuner was approx. in the middle of their
> ranges, just in case they had run far beyond the end of their scales and
> failed to reset.
>
> Then I pressed the Tune button, but the tuner immediately switched to Bypass
> and refused to tune.
>
> I then tried to auto-tune by pressing the Auto button on the tuner before
> tuning, which tuned to an SWR of approx. 1,5-1,7. Not ideal, but certainly
> not a big problem for a modern transmitter. However, this produced the same
> flickering result during voice transmit, but at least the power remained on
> when I used the Tune button on the tuner.
>
> I subsequently changed to the AMPRO 40 antenna and tried my luck on 40
> metres. I had not used the AMPRO 40 antenna before, but it made no positive
> difference, but offered some negative. All the same things happened for
> manualtning, as well as auto tuning. In addition, after a short while the
> radio began to turn off-on-off-on-off-... in quick succession, almost like
> hiccups. Then I pulled out the control cable from the console, disconnected
> the power, disconnected the antenna cable, dismantled the antenna, and drove
> home.
>
> On dismantling, the cables, antenna, antenna mount and plugs all looked
> fine, with no loose or bad contacts, no moisture, or anything mechanical
> that could create these problems.
>
> I have since put everything together again, and tried the setup on 15 and 20
> metres, with no changes. On 15 metres it seems to work well, with SWR at
> approx. 1,5 and less. On 20 metres the power stays on and the tuner tunes to
> an SWR around 1,5, but the flickering appears immediately on voice transmit.
> I have worked some stations, but I am reluctant to take it any further
> before I know what is going on, and how to remedy the issues. I have not
> ventured to try 40 metres.

>
> Does anybody have any ideas about what is happening and how it can be fixed?
>
> Anxiously awaiting your response.
>
> 73,
> Frode/LA6VQ
>
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>
> [Non-text portions of this message have been removed]
>

4969. Re: IC-7000 and LDG AT-100 Pro II: Screen flickering, bypass and power switch off-on

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-10-03 16:51:18 UTC
From: frixsix
Topic: 4957 Message: 4969

Cliff, thanks for your advice.

The 12V conenctions seemed all to be ok. The rig and tuner are brand new and I would be sorry if bad contact was the problem on new equipment, but I guess it cannot be ruled out. I am a fresh ham (6 months) and have a lot to learn, and I guess not all ham equipment is super quality.

RF chokes (ferrites) solved the problem for now, but I'l bear contact problems in mind, should the issue pop up again.

73,
Frode/LA6VQ

--- In LDG-auto-tuners@yahoogroups.com, "Cliff Hedgepeth" <k4mld@...> wrote:
>
> While you are looking, make sure all your 12V connections to the radio are clean. Low voltage will cause all kinds of strange things to happen.
>
> Cliff
> K4MLD
>
> --- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@> wrote:
> >
> > Hello Frode,
> >
> > It's most likely RF getting into the radio from the remote cable. Start with snap-on RF chokes on both ends of the remote cable as well as one on the interface cable to the tuner and the DC power cable to the radio.
> >
> > Also read this web site: http://www.k0bg.com/
> >
> > Dwayne Kincaid
> > LDG
> >
> > --- In LDG-auto-tuners@yahoogroups.com, "frixsix" <frodeigland2@> wrote:
> > >
> > > As this issue comprises a combined setup of ICOM IC-7000 and LDG AT-100 Pro II, I have cross-posted to the "ic-7000" group and to the "LDG-auto-tuners" group.
> > >
> > > My ICOM IC-7000 and/or antenna tuner LDG AT-100 Pro II, have gotten "hiccups", which I don't understand and therefore have been unable to remedy. Consequently, I have to seek advice and experience where it best can be found. Below, I will try to describe my setup, what has happened, what I have done to try to understand the problems
> > >
> > > The rig is mounted in my car, with the transmitting device and the tuner in the trunk

in the back, and the detachable front panel is located on the dashboard.
> > >
> > > The detachable front panel and the transmitting unit are connected by a standard 5 metres ICOM control cable, under the back seat and between the front seats to the front panel on the dashboard.
> > >
> > > The tuner and the rig is connected by a signal and power cable for ICOM supplied with the tuner. As the tuner is located in the trunk, tuning is normally done from the front panel or from the Tune button on the microphone.
> > >
> > > The antenna cable is a Mobinet MC-3M mounted on the MFJ-343 antenna foot mounted on 4TMA antenna bracket tightly fastened to the towbar ball. The towbar is of course connected to the body of the car.
> > >
> > > The antenna is a Moonraker AMPRO 20 helical wound whip antenna.
> > >
> > > The transmitter is grounded to the chassis (by the centre seatbelt holder under the back seat), while the tuner and power supply is grounded to the transmitter.
> > >
> > > The power source is a separate 12V silver-calcium battery in the trunk i the back.
> > >
> > > This setup has worked well together both on 20 meters and 80 meters (of course with AMPRO 80 as the antenna of 80 m) until last week. I was then operating on 20 metres, with the car parked and the ignition turned off. Suddenly, the IC-7000 front panel screen started to flicker when transmitting. The flickering showed as hazy vertical stripes and dots across the screen, and clearly was synchronized with the speech. Despite the interference on the screen, sufficient power was transmitted that I was able to work thorugh the pile-ups on several stations in the Middle East and Southern Africa, with good reports.
> > >
> > > Since the tuner is located in the trunk along with the transmitter, I did not see the readings on the tuner, but the tuning seemed to be working fine. I noticed that the tuning was fast and figured that the tuner's advertised memory function to speed up tuning was coming into effect. Anyway, when whistling into the microphone, the SWR readings on the ICOM front panel was 1,5 or below. I have since had second thoughts that the tuning was fast because it did in fact not tune, but went into some form of bypass or protection.
> > >
> > > After half an hour working through a couple of too tempting pile-ups (still with the flickering screen), the radio suddenly began to switch the power off as soon as I spoke into the microphone. I had not made any changes to any settings, except re-tuned to new frequencies. The power switched back on again immediately. After a new tuning, the same thing happened again.
> > >
> > > I then tried to transmit with the auto tune switched off (the red TUNE symbol in the upper left corner of the screen was off), to no avail.
> > >
> > > Reducing the transmitter power to 18% (low power, randomly chosen there and then) had no effect. The radio continued to turn itself off when I spoke into the microphone, and then immediately turn on again. When I pressed the PTT-button without speaking, nothing happened other than the transmitter changing to transmit mode. The power remained on.
> > >

> > > As the power cut immediately on speaking, I was not able to take any SWR readings on the front panel metre while transmitting a signal.
> > >
> > > My best guess is that the power was cut by the high SWR protection circuit, which did not come into effect before a voice signal was transmitted. However, if high SWR is the problem, what caused the sudden change in consequences, when everything worked quite well before? And if high SWR is not the problem, what can cause the radio to switch off and on as soon as I speak into the microphone?
> > >
> > > I then tried to tune the tuner manually. First, I changed both the C and L so that the C and L readings on the tuner was approx. in the middle of their ranges, just in case they had run far beyond the end of their scales and failed to reset.
> > >
> > > Then I pressed the Tune button, but the tuner immediately switched to Bypass and refused to tune.
> > >
> > > I then tried to auto-tune by pressing the Auto button on the tuner before tuning, which tuned to an SWR of approx. 1,5-1,7. Not ideal, but certainly not a big problem for a modern transmitter. However, this produced the same flickering result during voice transmit, but at least the power remained on when I used the Tune button on the tuner.
> > >
> > > I subsequently changed to the AMPRO 40 antenna and tried my luck on 40 metres. I had not used the AMPRO 40 antenna before, but it made no positive difference, but offered some negative. All the same things happened for manualtning, as well as auto tuning. In addition, after a short while the radio began to turn off-on-off-on-off-... in quick succession, almost like hiccups. Then I pulled out the control cable from the console, disconnected the power, disconnected the antenna cable, dismantled the antenna, and drove home.
> > >
> > > On dismantling, the cables, antenna, antenna mount and plugs all looked fine, with no loose or bad contacts, no moisture, or anything mechanical that could create these problems.
> > >
> > > I have since put everything together again, and tried the setup on 15 and 20 metres, with no changes. On 15 metres it seems to work well, with SWR at approx. 1,5 and less. On 20 metres the power stays on and the tuner tunes to an SWR around 1,5, but the flickering appears immediately on voice transmit. I have worked some stations, but I am reluctant to take it any further before I know what is going on, and how to remedy the issues. I have not ventured to try 40 metres.
> > >
> > > Does anybody have any ideas about what is happening and how it can be fixed?
> > >
> > > Anxiously awaiting your response.
> > >
> > > 73,
> > > Frode/LA6VQ
> > >
> >
>

4970. Re: IC-7000 and LDG AT-100 Pro II: Screen flickering, bypass and power switch off-on

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-10-03 16:58:22 UTC
From: frixsix
Topic: 4957 Message: 4970

Thanks Kav, for your advice.

It seems like RF was the issue, and a few RF chokes in vital places solved the screen flickering and the on/off issue for now. It seems like the sensitivity to voltage drop and the power contact problem are known "features" with the IC-7000, and your and others' advice will keep me alert to this issue if/(when) other problems arise.

73,
Frode/LA6VQ

--- In LDG-auto-tuners@yahoogroups.com, "kav246" <kav246@...> wrote:
>
>
> Hello
>
> Someone else suggests you check all 12v connections. To be more specific, check the plug on the back of the radio. The pins in the 706 plug were "folded female" with an unwelded seam and could splay appart over time. I suspect the 7000s are similar. They would seem OK at switch on but under load, due either to heat expansion or smaller contact patch, they could not carry enough current to supply the transmitter. Consequently on SSB, where there is almost the same draw as on RX even when keyed, the TX would not shut down until you actually speak and the load shoots up. Immediately the current draw drops, the radio turns back on.
>
> The fix is an easy one and just involves pinching or levering the walls of the pins together slightly along the split. Just don't over do it.
>
>
> Also check all other 12v connections, including the tuner. If that doesn't fix it you can try the complete set up , including the cables,out of the car. If it exibits the same fault then you know it is caused by something in the setup rather than RF in the vehicle.
>
> Replace the cables, 1 by 1 and hope one shows up faulty.If it does, rplace it and your sorted.
>
> If the fault does not appear when outside the vehicle, start looking at antenna connections/earths and maybe start fitting ferrites as suggested elsewhere.
>
>
> Hope you find your solution.
>
>
> Kav
>

4971. LDG DWM-4 Wattmeter Query

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-10-03 16:03:59 UTC
From: Dick
Topic: 4971 Message: 4971

Is it permissible to post questions on other LDG products, such as the DWM-4 Wattmeter ?

I have one and it looks like the uProcessor has gone bonkers. I tried to re-program it (and also a new chip) but no luck.

Anyone have a Display Box they no longer need ??

Thanks, Dick, W1KSZ

4972. Re: LDG DWM-4 Wattmeter Query

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-10-04 02:11:33 UTC
From: Dwayne
Topic: 4971 Message: 4972

Hello Dick,

Yes, it's permissible to post all things LDG here. The LDG line of S9 antennas has it's own group (http://groups.yahoo.com/group/S9Antennas/), but this is the largest LDG group and everyone is happy to provide answers when they can.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "Dick" <w1ksz@...> wrote:
>
> Is it permissible to post questions on other LDG products, such as the
> DWM-4 Wattmeter ?
>
> I have one and it looks like the uProcessor has gone bonkers. I tried
> to re-program it (and also a new chip) but no luck.
>
> Anyone have a Display Box they no longer need ??
>
> Thanks, Dick, W1KSZ
>

4973. Re-Post W4RT ONE-TOUCH TUNE for the FT-817

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-10-04 09:34:20 UTC
From: kozey746
Topic: 4973 Message: 4973

Looking for One of these for use with the Z 11 Tuner.
Message here or email ve5rmk@...

4974. Re: Re-Post W4RT ONE-TOUCH TUNE for the FT-817

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-10-05 12:38:03 UTC
From: traburgess1945
Topic: 4973 Message: 4974

I got one of these and plugged it into the key jack:

"Push-to-Tune Cable
Carrier Output from FT-857(D)/897(D)
at the Push of a Button"

Plugged it into the Key jack on the back of the 817, set mode to CW and tuned the Z-11Pro II at the antenna.

Travis
K5HTB

--- In LDG-auto-tuners@yahoogroups.com, "kozey746" <alias1@...> wrote:
>
> Looking for One of these for use with the Z 11 Tuner.
> Message here or email ve5rmk@
>

4975. question about YT-100 tuner integrating with the 857d radio....

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-10-05 19:37:19 UTC
From: mldollins
Topic: 4975 Message: 4975

Apparently this tuner is made for this radio.....

However,where I am puzzled is this...once set, does the radio and tuner work in conjunction with each other by tuning automatically or do I have to hit the button on the tuner every time I go to a new frequency?

thankyou so much

4976. Re: Re-Post W4RT ONE-TOUCH TUNE for the FT-817

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-10-06 13:37:09 UTC
From: traburgess1945
Topic: 4973 Message: 4976

I failed to mention that the Push to Tune Cable is from W4RT in the Yaesu FT-897/857 sections.

Travis
K5HTB

--- In LDG-auto-tuners@yahoogroups.com, "traburgess1945" <travburg1@...> wrote:
>
> I got one of these and plugged it into the key jack:
>
> "Push-to-Tune Cable
> Carrier Output from FT-857(D)/897(D)
> at the Push of a Button"
>
> Plugged it into the Key jack on the back of the 817, set mode to CW and tuned the Z-11Pro II at the antenna.
>
> Travis
> K5HTB
>
> --- In LDG-auto-tuners@yahoogroups.com, "kozey746" <alias1@> wrote:
> >
> > Looking for One of these for use with the Z 11 Tuner.
> > Message here or email ve5rmk@
> >
>

4977. New to group

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-10-05 22:36:10 UTC
From: Dr Don
Topic: 2129 Message: 4977

HOLA from Ecuador. I am Dr Don HC4/W4BWS.
I just joined this group. I recently acquired a used
Ft 840 and LDG 100 Pro tuner. An oldie but a goodie.
Was a backup rig on a ocean sailing ship and owner
used it twice and then stored it in a Pelican case
for 8 years. So it is like new. Operation with the
tuner on auto is great, except my wife hates the noise
of the relays. I just need a cw filter and FT 747 FM
board to complete the setup.
I may want the 600 watt tuner when I get the SB200 on line.

Hope to work many from Ecuador.
Dr Don W4BWS

4978. Re: question about YT-100 tuner integrating with the 857d radio....

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-10-06 10:55:06 UTC
From: ANDY - N1ORK
Topic: 4975 Message: 4978

I find I have to hit the TUNE button on the YT-100 each time I change bands. But, once a band has been tuned, you only have to hit the TUNE button for a second so you don't have to go through the whole tune cycle each time.
73
Andy - n1ork

--- In LDG-auto-tuners@yahoogroups.com, "mldollins" <mldollins@...> wrote:
>
> Apparently this tuner is made for this radio.....
>
> However,where I am puzzled is this...once set, does the radio and tuner work in conjunction with each other by tuning automatically or do I have to hit the button on the tuner every time I go to a new frequency?
>
> thankyou so much
>

4979. Re: question about YT-100 tuner integrating with the 857d radio....

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-10-07 23:26:56 UTC
From: mldollins
Topic: 4975 Message: 4979

So what is the point of the CAT cable then?

thanks

--- In LDG-auto-tuners@yahoogroups.com, "ANDY - N1ORK" <n1ork@...> wrote:
>
> I find I have to hit the TUNE button on the YT-100 each time I change bands. But, once a band has been tuned, you only have to hit the TUNE button for a second so you don't have to go through the whole tune cycle each time.
> 73
> Andy - n1ork
>
> --- In LDG-auto-tuners@yahoogroups.com, "mldollins" <mldollins@> wrote:
> >
> > Apparently this tuner is made for this radio.....
> >
> > However,where I am puzzled is this...once set, does the radio and tuner work in conjunction with each other by tuning automatically or do I have to hit the button on the tuner every time I go to a new frequency?
> >
> > thankyou so much
> >
>

4980. Re: [LDG-auto-tuners] Re: question about YT-100 tuner integrating with the 857d radio....

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-10-08 01:11:30 UTC
From: Don Sanders
Topic: 4975 Message: 4980

AFAIK, according to the LDG documents, the cable allows the radio tune button to initiate the tune cycle and the tuner to tell the radio to transmit a low power signal. The tuner then tells the radio to stop when a match has been found.
This allows manual tune instead of automatic sensing of the RF at high power and having the radio swr protection circuit reduce power to protect the radio.

Dr Don W4BWS

On Fri, Oct 7, 2011 at 6:26 PM, mldollins <mldollins@...> wrote:

> **
>
>
> So what is the point of the CAT cable then?
>
> thanks
>
> --- In LDG-auto-tuners@yahoogroups.com, "ANDY - N1ORK" <n1ork@...> wrote:
> >
> > I find I have to hit the TUNE button on the YT-100 each time I change
> bands. But, once a band has been tuned, you only have to hit the TUNE button
> for a second so you don't have to go through the whole tune cycle each time.
> > 73
> > Andy - n1ork
> >
> > --- In LDG-auto-tuners@yahoogroups.com, "mldollins" <mldollins@> wrote:
> > >
> > > Apparently this tuner is made for this radio.....
> > >
> > > However,where I am puzzled is this...once set, does the radio and tuner
> work in conjunction with each other by tuning automatically or do I have to
> hit the button on the tuner every time I go to a new frequency?
> > >
> > > thankyou so much
> > >
> >
>
>
>

[Non-text portions of this message have been removed]

4981. Web update and FREE Balun/unun offfer.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-10-15 23:17:46 UTC
From: Dwayne
Topic: 4981 Message: 4981

Hi All,

We made some minor updates to the web site this week. The tuner interface app note was added to the support page. This give more information on how the interface works for the generic LDG tuners (Z-100Plus, Z-11ProII, AT-100ProII, ect).

We also announced the FREE balun/unun offer valid from today through April 15 of 2012. That's a free LDG RBA-1:1, RBA-4:1 or RU-4:1 with any tuner purchase.

Standard disclaimer: one per household, valid worldwide, your mileage may vary.

Dwayne Kincaid
LDG

4982. LDG Z-817 tuner problem

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-10-18 21:49:40 UTC
From: Terry
Topic: 4982 Message: 4982

I purchased the LDG Z-817 tuner originally for my FT-817 radio but never used it. Recently I purchased a FlexRadio 1500 SDR which puts out 5 Watts maximum. I hooked it up and everything seemed to work well. However, now none of the LED's come on when I press the tune button. Yes, they are new batteries and I checked them again to make sure. I have used the tuner for less than one hour and have not transmitted with it as I am still learning to use the FlexRadio. The tuner does appear to be working, but none of the LED's light up. I am using a center fed offset dipole fed by 450 ohm ladder line with a 4:1 balun and 50 Ohm coax to the antenna tuner. I use this antenna with my FT-897 radio and LDG tuner with no problem. Any suggestions?
Terry Hall K6MA

4983. Re: [LDG-auto-tuners] LDG Z-817 tuner problem

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-10-19 23:02:16 UTC
From: Don Sanders
Topic: 4982 Message: 4983

The tuner requires the Tx to be sending a carrier for it to start tuning.
Some radios have a cable that connects from the tuner to the radio
that will start a qrp transmission when you push the tune button.
Make sure your flex radio will accept this command AND TURN ON AND
TRANSMIT.
My LDG PRO requires this and I'm sure the Z-817 does also.

Dr Don HC4/W4BWS.

On Tue, Oct 18, 2011 at 4:49 PM, Terry <twiffer@...> wrote:

> **
>
>
> I purchased the LDG Z-817 tuner originally for my FT-817 radio but never
> used it. Recently I purchased a FlexRadio 1500 SDR which puts out 5 Watts
> maximum. I hooked it up and everything seemed to work well. However, now
> none of the LED's come on when I press the tune button. Yes, they are new
> batteries and I checked them again to make sure. I have used the tuner for
> less than one hour and have not transmitted with it as I am still learning
> to use the FlexRadio. The tuner does appear to be working, but none of the
> LED's light up. I am using a center fed offset dipole fed by 450 ohm ladder
> line with a 4:1 balun and 50 Ohm coax to the antenna tuner. I use this
> antenna with my FT-897 radio and LDG tuner with no problem. Any suggestions?
> Terry Hall K6MA
>
>
>

[Non-text portions of this message have been removed]

4984. Re: [LDG-auto-tuners] LDG Z-817 tuner problem

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-10-19 23:18:43 UTC
From: Terence Hall
Topic: 4982 Message: 4984

Don,
Thank you for suggesting this as it makes sense when you think about it. I will try it and provide feedback as to whether it works so that others can benefit.
73 Terry K6MA
On Oct 19, 2011, at 4:02 PM, Don Sanders wrote:

> The tuner requires the Tx to be sending a carrier for it to start
> tuning.
> Some radios have a cable that connects from the tuner to the radio
> that will start a qrp transmission when you push the tune button.
> Make sure your flex radio will accept this command AND TURN ON AND
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> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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4985. Re: [LDG-auto-tuners] LDG Z-817 tuner problem

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-10-19 23:29:08 UTC
From: Terence Hall
Topic: 4982 Message: 4985

Hi Don,
I just tried holding in the PTT to transmit and then pushing the tune button on the LDG tuner but none of the LED's came on. When I originally started using this tuner the LED's were coming on but now nothing. Without a schematic I do not want to go poking around in the tuner unless I know what I am doing (even though I am a retired EE). Any other suggestions?
73 Terry K6MA

On Oct 19, 2011, at 4:02 PM, Don Sanders wrote:

> The tuner requires the Tx to be sending a carrier for it to start
> tuning.
> Some radios have a cable that connects from the tuner to the radio
> that will start a qrp transmission when you push the tune button.
> Make sure your flex radio will accept this command AND TURN ON AND
> TRANSMIT.
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> Dr Don HC4/W4BWS.
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> On Tue, Oct 18, 2011 at 4:49 PM, Terry <twiffer@...> wrote:
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>> LED's light up. I am using a center fed offset dipole fed by 450
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>> line with a 4:1 balun and 50 Ohm coax to the antenna tuner. I use
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>> Terry Hall K6MA
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> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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4986. Re: LDG Z-817 tuner problem

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-10-20 00:06:15 UTC
From: Cliff Hedgepeth
Topic: 4982 Message: 4986

Pressing PTT will not produce a carrier unless in AM or FM also make sure the interface cable is connected. Iused to tune my Z100 in cw. Using the interface with my IC7200. I can just push tune.

Cliff
K4MLD

--- In LDG-auto-tuners@yahoogroups.com, Terence Hall <twiffer@...> wrote:
>
> Hi Don,
> I just tried holding in the PTT to transmit and then pushing the tune
> button on the LDG tuner but none of the LED's came on. When I
> originally started using this tuner the LED's were coming on but now
> nothing. Without a schematic I do not want to go poking around in the
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> > that will start a qrp transmission when you push the tune button.
> > Make sure your flex radio will accept this command AND TURN ON AND
> > TRANSMIT.
> > My LDG PRO requires this and I'm sure the Z-817 does also.
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> > Dr Don HC4/W4BWS.
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> > On Tue, Oct 18, 2011 at 4:49 PM, Terry <twiffer@...> wrote:
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> > [Non-text portions of this message have been removed]
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> > Yahoo! Groups Links
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4987. LDG AT-200proII

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-10-19 19:49:53 UTC
From: kb0ofd
Topic: 4987 Message: 4987

Problem AT-200 will not tune incoming signal on 10.139.40. I have done the manual full tune as listed in the book but it seems to get lost after tuning any other frequency not in the 30m band. Has anyone run into this problem? Any help would be appreciated.

73's Gary KB0OFD

4988. at-11mp doesn't seem to tune ic718

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-10-19 21:44:48 UTC
From: kenneth
Topic: 4988 Message: 4988

Just picked up an AT11mp and hooked it up to my ic718. Made up a 3 wire cable from tuner to rig. I set the ic718 for AH4 type tuner.

Problem
tuner never tries to tune...it just sits there.
meter needles never move showing output or swr.
rig is putting out just fine when I use another swr/par meter.

Seems like microprocessor must not be working!

Any suggestions appreciated.

Ken

4989. Re: at-11mp doesn't seem to tune ic718

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-10-20 16:01:58 UTC
From: Cliff Hedgepeth
Topic: 4988 Message: 4989

Have you tried using the tuner manually? What does the meter on the 718 show? These tuners require a carrier for them to work. If it works manually, double check your interface cable

Hope this helps

Cliff
K4MLD
--- In LDG-auto-tuners@yahoogroups.com, "kenneth" <ke4mg@...> wrote:
>
> Just picked up an AT11mp and hooked it up to my ic718. Made up a 3 wire cable from tuner to rig. I set the ic718 for AH4 type tuner.
>
> Problem
> tuner never tries to tune...it just sits there.
> meter needles never move showing output or swr.
> rig is putting out just fine when I use another swr/par meter.
>
> Seems like microprocessor must not be working!
>
> Any suggestions appreciated.
>
> Ken
>

4990. Re: Camping antenna

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-10-20 17:20:38 UTC
From: John Hebert
Topic: 4898 Message: 4990

Good morning,

You would be wise to consider the Buddipole antenna system in all its various shapes and configurations. This antenna works on most bands above 40m by adjusting coil taps and extending/shortening whip sections, thereby negating the requirement to cary seperate tuner. I understand your FT-450D's built-in tuner has limited tuning range, which is to be expected, so Buddipole is worthy of your consideration if you have the patience and inclination to learn to use correctly. Having enjoyed mine (deluxe version with mast, tripod, etc) during this year's camping season, I have nothing but praise for it. For sure, has certain limitations given its compact and portable design, so one should NOT compare it to full size designs, obviously. But if you want a 'system' that is quick to set up and guy (a must, unless you get the Buddistick with clamp for table mounting) this puppy is for.

This product has often been described as an antenna 'laboratory', immensely reconfigurable either as a dipole, vertical, L, inverted L, yagi (see options on www.buddipole.com), so it will provide you with plenty of learning opportunities as well as many QSO's. Factory support is excellent, and they have a very active and friendly user group here on Yahoo, with lots of talent, experience and creativity. Go and see for yourself before commiting, and I am confident you will agree.

Have a great day, and I hope this helps.

John
VE2EJH

--- In LDG-auto-tuners@yahoogroups.com, "Ford Peterson" <ford@...> wrote:
>
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>
>
> What would be a good antenna to bring to a state campground? We're planning
> a trip to Wisconsin and are staying in the new camper. I want to bring my
> new FT450D with the autotuner built-in. I'm also bringing a laptop and
> Rigblaster to do some PSK type operations. What would be a good antenna?
>
>
>
> Some of the guys talk about a picnic table setup with a balun connected to
> two wires going up in a V pattern and out as far as you can get it. Seems
> like a weird antenna but I just want it to take power and let me QSY around
> with the Autotuner doing its magic.
>
>
>

> So what would be a good antenna? I'm not looking for stellar performance.
> But simplicity and compactness would be nice.
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> Ford-N0FP
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> [Non-text portions of this message have been removed]
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4991. Re: [LDG-auto-tuners] Re: at-11mp doesn't seem to tune ic718

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-10-20 19:56:09 UTC
From: ken kuzma
Topic: 4988 Message: 4991

hi

manual mode doesn't work either!! sent unit in the LDG for repair today. It is only 60 days since they had it and said it was fixed.

From: Cliff Hedgepeth <k4mld@...>
To: LDG-auto-tuners@yahoogroups.com
Sent: Thursday, October 20, 2011 12:01 PM
Subject: [LDG-auto-tuners] Re: at-11mp doesn't seem to tune ic718

Have you tried using the tuner manually? What does the meter on the 718 show? These tuners require a carrier for them to work. If it works manually, double check your interface cable

Hope this helps

Cliff
K4MLD
--- In LDG-auto-tuners@yahoogroups.com, "kenneth" <ke4mg@...> wrote:
>
> Just picked up an AT11mp and hooked it up to my ic718. Made up a 3 wire cable from tuner to rig. I set the ic718 for AH4 type tuner.
>
> Problem
> tuner never tries to tune...it just sits there.
> meter needles never move showing output or swr.
> rig is putting out just fine when I use another swr/par meter.
>
> Seems like microprocessor must not be working!
>
> Any suggestions appreciated.
>
> Ken
>

[Non-text portions of this message have been removed]

4992. Re: at-11mp doesn't seem to tune ic718

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-10-20 20:25:56 UTC
From: Dwayne
Topic: 4988 Message: 4992

Hi Ken,

You would need a 4 wire interface cable for that radio and tuner. Here is a link to the interface diagram on the our web site:
http://www.ldgelectronics.com/c/252/products/13/23/2

You would also need to set the tuner menu in the radio to 4 for "AH-4" mode.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "kenneth" <ke4mg@...> wrote:
>
> Just picked up an AT11mp and hooked it up to my ic718. Made up a 3 wire cable from tuner to rig. I set the ic718 for AH4 type tuner.
>
> Problem
> tuner never tries to tune...it just sits there.
> meter needles never move showing output or swr.
> rig is putting out just fine when I use another swr/par meter.
>
> Seems like microprocessor must not be working!
>
> Any suggestions appreciated.
>
> Ken
>

4993. AT-200Pro Autotuner LED testing

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-10-21 04:39:57 UTC
From: johnmarthens
Topic: 4993 Message: 4993

Recently I reactivated an idle AT-200Pro unit and find that when energizing the unit the first LED on the bottom row remains blank/black. All of the other LEDs turn on (red) and the unit seems to work. I felt that maybe one of the legs of the LED may have experienced a poor solder joint, but upon close physical inspection there does not seem to be such a problem. I also (without any power to the unit) put a multimeter test upon the 'defective' LED and all of the other LEDs (all light up nicely) that all of the LEDs show the same or nearly same resistance values (approx. 0.690 ohms).

So, the question is, how do I find out if the LED has failed?

Your comments would be appreciated. Oh, and yes, the tuner seems to be working properly in tuning of antennae.

4994. AT 600 Pro not tuning 80 or 160 M

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-10-21 19:15:54 UTC
From: BJN644
Topic: 4994 Message: 4994

I just replaced a G5RV that would no longer tune on 80M. I purchased an Alpha Delta DXLB plus to replace the G5, this antenna will not tune on 80 or 160, all other bands tune fine. Now here's the kicker, when I use my MFJ 929 auto tuner 80 & 160 will tune up. Any ideas of things to check?

4995. Re: [LDG-auto-tuners] AT 600 Pro not tuning 80 or 160 M

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-10-21 22:05:59 UTC
From: Leonard K. Pennock
Topic: 4994 Message: 4995

Best if you find a ant analyzer. The lower bands tend to be fairly narrow band without a tuner and you need the analyzer to see where they are resonant at.Then you can shorten the legs to get them resonant where you want them. AD tends to tune them to the lower end of the band so that you can shorten them

On 10/21/2011 12:15 PM, BJN644 wrote:
> I just replaced a G5RV that would no longer tune on 80M. I purchased an Alpha Delta DXLB plus to replace the G5, this antenna will not tune on 80 or 160, all other bands tune fine. Now here's the kicker, when I use my MFJ 929 auto tuner 80& 160 will tune up. Any ideas of things to check?
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> Yahoo! Groups Links
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Leonard K. Pennock
AD7AS

Those who walk bravely through life, unafraid of loss or failure,
find that they very rarely lose or fail.

4996. Re: [LDG-auto-tuners] AT 600 Pro not tuning 80 or 160 M

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-10-21 22:50:48 UTC
From: Dave Earnest
Topic: 4994 Message: 4996

I took down a Cobra Sr and a G5RV.

I am now using a QSO King 88-ft end fed wire. The secreit in the QSO King (found on eBay) is the 9:1 balun. I am able to tune 160-6 meters with the AT-600! Really touchy on 160, but on 80 up ; no sweat.

I am using Inverted-L configuration; vertical about 30 feet and the end slopes down to about 12 feet.

Also look at the Balun Designs web site. He sells the baluns.

73,

Dave, K7JJ

Dave Earnest

From: Leonard K. Pennock <leonardpennock@...>
To: LDG-auto-tuners@yahoogroups.com
Sent: Friday, October 21, 2011 3:05 PM
Subject: Re: [LDG-auto-tuners] AT 600 Pro not tuning 80 or 160 M

Best if you find a ant analyzer. The lower bands tend to be fairly
narrow band without a tuner and you need the analyzer to see where they
are resonant at.Then you can shorten the legs to get them resonant where
you want them. AD tends to tune them to the lower end of the band so
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On 10/21/2011 12:15 PM, BJN644 wrote:
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> ------------------------------------
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> Yahoo! Groups Links
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--
Leonard K. Pennock
AD7AS

Those who walk bravely through life, unafraid of loss or failure,
find that they very rarely lose or fail.

[Non-text portions of this message have been removed]

4997. Bypass mode issues

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-10-22 16:20:06 UTC
From: w0mu
Topic: 4997 Message: 4997

I have the AT-600pro.

I put the tuner in bypass mode where the light is lit but it does not stay in bypass mode. It wants to try to tune instead. Is there a different bypass mode or is there something screwy with the software in this box?

I only need the tuner on a couple of bands/antennas. Is it better to turn the tuner off?

I am sure I am missing something simple.

Mike W0MU

4998. Re: [LDG-auto-tuners] Bypass mode issues

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-10-22 22:48:41 UTC
From: Jimmy (WB8NBI)
Topic: 4997 Message: 4998

Take the tuner out of auto mode. Then it will only tune when you hit the tune button.

73 Jimmy (WB8NBI)

From: w0mu
Sent: Saturday, October 22, 2011 12:20 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Bypass mode issues

I have the AT-600pro.

I put the tuner in bypass mode where the light is lit but it does not stay in bypass mode. It wants to try to tune instead. Is there a different bypass mode or is there something screwy with the software in this box?

I only need the tuner on a couple of bands/antennas. Is it better to turn the tuner off?

I am sure I am missing something simple.

Mike W0MU

[Non-text portions of this message have been removed]

4999. Will the YT-100 tune a whip for 6m to 40 m?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-10-24 15:20:32 UTC
From: ke7ejf
Topic: 4999 Message: 4999

I'm considering using a 102" whip with a tuner for 6m to 40m in the mobile. Does anybody have any experience with using the YT-100 to do that?

I'm tired of stopping to change the ham sticks all the time.

5000. Help or guidance needed with LDG AT-11MP Autotuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-10-28 14:35:33 UTC
From: kawayuppie
Topic: 5000 Message: 5000

Hi,

I recently got a tidy LDG AT-11MP autotuner. I know it is not in production any more, but I am a bit strapped for cash so couldn't buy a new shiny LDG.

The AT-11MP seems to be in good condition and does tune OK most of the time, however I noticed that it has RFI problems with the HF bands from 15, 12 and 10m, with 10m being the worst. I have worked at putting chokes on the power cable and also in the feed into the shack, and it seems to be a bit better, but I just can't seem to clear 10m, RFI keeps causing the autotuner CPU to go nuts. I can actually hear the transmission on the little speaker inside the AT-11MP!

I have double checked my ground, but maybe I am missing something, so might just redo everything, however, it seems that the AT-11MP seems to be hypersensitive to RFI. Is this the case? and are there any fixes I can do that others have found that help?

I have also noticed that in "standby", when the tuner is in "bypass", there is a VSWR reading of about 2:1+ on the rig SWR meter. Could I have a faulty relay somewhere?

Is there a guide that I can use to test all the parts of the tuner to ensure that it is OK?

Kind Regards,

Andre', M0JEK

5001. z11pro and icom 7200

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-10-28 08:56:17 UTC
From: chuckl689
Topic: 5001 Message: 5001

I have a z11pro that I used with an Icom 7200. The tuner matchs the antenna but the Icom reports a high swr while the tuner reports a good match. And of course the Icom rolls back the power. I can get good matchs with my manual tuner. I am using a 80 meter OCFD with a 1to1 balun at the feed point the antenna is a bit low and strung up in the trees about 130ft from the station. I do work a fair amount of psk and other digital modes.
What questions should I be asking to improve station performance with the z11pro
Chuck
KA3EHL

5002. ATC200SP Newbie

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-10-28 14:05:52 UTC
From: Kevin
Topic: 5002 Message: 5002

Im struggling to get the Python s/ware running for my
Win7 ACPI x64-based PC. I'm not a programmer.
Loaded the various files from the install intructions (as best I can).
If I click on the Python application I just get what seems to be a DOS
screen?
The instruction says to right click on the file at200pc.pyw but mine is a text file.
I'm stuck & wud appreciate any help.
Kevin N6CWF Phx Az

5003. RE: [LDG-auto-tuners] Help or guidance needed with LDG AT-11MP Autotuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-10-28 16:25:30 UTC
From: Rick Johnson
Topic: 5000 Message: 5003

Hi Andre,

Try adjusting the length of your feed line. My tuner had a big
problem with 10 meters also until I added a length of coax that
was 6 turns in about a 1 foot diameter. Then it worked great.

Good luck & 73
Rick W3BI

To: LDG-auto-tuners@yahoogroups.com
From: m0jek@...
Date: Fri, 28 Oct 2011 14:35:33 +0000
Subject: [LDG-auto-tuners] Help or guidance needed with LDG AT-11MP Autotuner

Hi,

I recently got a tidy LDG AT-11MP autotuner. I know it is not in production any more, but I am a bit strapped for cash so couldn't buy a new shiny LDG.

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I have double checked my ground, but maybe I am missing something, so might just redo everything, however, it seems that the AT-11MP seems to be hypersensitive to RFI. Is this the case? and are there any fixes I can do that others have found that help?

I have also noticed that in "standby", when the tuner is in "bypass", there is a VSWR reading of about 2:1+ on the rig SWR meter. Could I have a faulty relay somewhere?

Is there a guide that I can use to test all the parts of the tuner to ensure that it is OK?

Kind Regards,

Andre', M0JEK

[Non-text portions of this message have been removed]

5004. Re: Will the YT-100 tune a whip for 6m to 40 m?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-10-28 22:52:15 UTC
From: Dwayne
Topic: 4999 Message: 5004

Dennis,

I would seriously doubt the YT-100 will give 40 through 6M on an 8 foot whip. The most common results that we have seen is 10 through 20M. However, occasionally, with a really good grounded (bonded) vehicle, we've seen people get 40M.

Look at http://www.k0bg.com/ for tons of info on mobile installations.

Depending on your radio, you may be better off with one of the "brand tuners" for and end fed wires or an SGC tuner. Those are specifically made to tune a short, end fed wire. Of course they cost more, but if that is the specific requirements you need, that may be the answer.

What a lot of people do for a compromise (meaning staying within a budget), is use the LDG tuner, then two hams sticks, a 40 stick will usually tune from 80 to 20 and a 15 stick will tuner from from 20 to 10. A lot less changing, but about half the cost.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "ke7ejf" <ke7ejf@...> wrote:
>
> I'm considering using a 102" whip with a tuner for 6m to 40m in the mobile. Does anybody have any experience with using the YT-100 to do that?
>
> I'm tired of stopping to change the ham sticks all the time.
>

5005. Change in Software for Higher Powered Tuners. Input wanted.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-10-28 23:28:47 UTC
From: Dwayne
Topic: 5005 Message: 5005

Hello all,

We currently allow the user to put the tuner in bypass, but if the tuner is also in Auto mode, it may retune if the SWR goes above the Threshold level. So to truly put it in bypass, it requires the user to change to Semi mode, then put the tuner in bypass. At that time, the tuner will not retune and will remain in bypass.

The proposed change is that when the user places the tuner in bypass, it also changes the Auto mode to Semi, therefore locking it in the bypass.

There are two schools of thought on this. If the user wants bypass, they press the tune button briefly for bypass. Then can press it again to return to the previous tune. This gives a good way to check the tuner in and out circuit very quickly.

The second thought is they want to bypass and leave it there and transmit no matter what the SWR is. The new change would allow that.

We're seeing about 50/50 on each method by tech support calls. We picked the first method just because we had to pick one or the other. Now it's looking like the second method bypass changes to Semi mode is being more and more requested. It seems a little easier to understand as well. The first method requires you to remember that Auto mode take priority over Bypass. Now most users want Bypass to mean Bypass and that's it.

Chime in on those that have AT-200s, AT-600s and AT-1000s to which that you would rather see. I'd make it a poll, but it's too complicated to make it simply two choices and we'd rather hear directly from the users.

The main reason we are asking is we have another higher powered tuner coming out next year and we want to put in the Bypass method that is most requested.

Thanks!

Dwayne Kincaid

5006. Re: Change in Software for Higher Powered Tuners. Input wanted.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-10-29 00:26:45 UTC
From: k2lrv
Topic: 5005 Message: 5006

Just a thought, but couldn't you just make it a user configurable option? That way the end user decided how the bypass mode works.

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
> Hello all,
>
> We currently allow the user to put the tuner in bypass, but if the tuner is also in Auto mode, it may retune if the SWR goes above the Threshold level. So to truly put it in bypass, it requires the user to change to Semi mode, then put the tuner in bypass. At that time, the tuner will not retune and will remain in bypass.
>
> The proposed change is that when the user places the tuner in bypass, it also changes the Auto mode to Semi, therefore locking it in the bypass.
>
> There are two schools of thought on this. If the user wants bypass, they press the tune button briefly for bypass. Then can press it again to return to the previous tune. This gives a good way to check the tuner in and out circuit very quickly.
>
> The second thought is they want to bypass and leave it there and transmit no matter what the SWR is. The new change would allow that.
>
> We're seeing about 50/50 on each method by tech support calls. We picked the first method just because we had to pick one or the other. Now it's looking like the second method bypass changes to Semi mode is being more and more requested. It seems a little easier to understand as well. The first method requires you to remember that Auto mode take priority over Bypass. Now most users want Bypass to mean Bypass and that's it.
>
> Chime in on those that have AT-200s, AT-600s and AT-1000s to which that you would rather see. I'd make it a poll, but it's too complicated to make it simply two choices and we'd rather hear directly from the users.
>
> The main reason we are asking is we have another higher powered tuner coming out next year and we want to put in the Bypass method that is most requested.
>
> Thanks!
>
> Dwayne Kincaid
>

5007. Re: [LDG-auto-tuners] Change in Software for Higher Powered Tuners. Input wanted.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-10-29 00:50:58 UTC
From: Leonard Pennock
Topic: 5005 Message: 5007

I like the current mode of operation. I will put the tuner in bypass to change bands and listen around. When I find a place I want to transmit at I'll key and let it auto tune. This works especially well when I'm using memories on the radio to switch bands as I know the tuner will get a match with the first word I transmit.
--
Leonard K. Pennock (AD7AS)
Sent from my Droid.

Dwayne <ldgyahoo@...> wrote:

Hello all,

We currently allow the user to put the tuner in bypass, but if the tuner is also in Auto mode, it may retune if the SWR goes above the Threshold level. So to truly put it in bypass, it requires the user to change to Semi mode, then put the tuner in bypass. At that time, the tuner will not retune and will remain in bypass.

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There are two schools of thought on this. If the user wants bypass, they press the tune button briefly for bypass. Then can press it again to return to the previous tune. This gives a good way to check the tuner in and out circuit very quickly.

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We're seeing about 50/50 on each method by tech support calls. We picked the first method just because we had to pick one or the other. Now it's looking like the second method bypass changes to Semi mode is being more and more requested. It seems a little easier to understand as well. The first method requires you to remember that Auto mode take priority over Bypass. Now most users want Bypass to mean Bypass and that's it.

Chime in on those that have AT-200s, AT-600s and AT-1000s to which that you would rather see. I'd make it a poll, but it's too complicated to make it simply two choices and we'd rather hear directly from the users.

The main reason we are asking is we have another higher powered tuner coming out next year and we want to put in the Bypass method that is most requested.

Thanks!

Dwayne Kincaid

Yahoo! Groups Links

[Non-text portions of this message have been removed]

5008. Re: [LDG-auto-tuners] Change in Software for Higher Powered Tuners. Input wanted.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-10-29 01:04:37 UTC
From: Jimmy (WB8NBI)
Topic: 5005 Message: 5008

I agree leave it alone. It is not broke don’t fix it.

73 Jimmy (WB8NBI)

From: Leonard Pennock
Sent: Friday, October 28, 2011 8:50 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] Change in Software for Higher Powered Tuners. Input wanted.

I like the current mode of operation. I will put the tuner in bypass to change bands and listen around. When I find a place I want to transmit at I'll key and let it auto tune. This works especially well when I'm using memories on the radio to switch bands as I know the tuner will get a match with the first word I transmit.
--
Leonard K. Pennock (AD7AS)
Sent from my Droid.

Dwayne <mailto:ldgyahoo%40ldgelectronics.com> wrote:

Hello all,

We currently allow the user to put the tuner in bypass, but if the tuner is also in Auto mode, it may retune if the SWR goes above the Threshold level. So to truly put it in bypass, it requires the user to change to Semi mode, then put the tuner in bypass. At that time, the tuner will not retune and will remain in bypass.

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Chime in on those that have AT-200s, AT-600s and AT-1000s to which that you would rather see. I'd make it a poll, but it's too complicated to make it simply two choices and we'd rather hear directly from the users.

The main reason we are asking is we have another higher powered tuner coming out next year and we want to put in the Bypass method that is most requested.

Thanks!

Dwayne Kincaid

Yahoo! Groups Links

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

5009. Re: [LDG-auto-tuners] Change in Software for Higher Powered Tuners. Input wanted.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-10-29 05:08:49 UTC
From: Mike Elcsisin
Topic: 5005 Message: 5009

I have an AT-600Pro and an AT-1000Pro and I vote for the proposed change.

Mike KK2DOG
www.hamwave.com

From: Dwayne <ldgyahoo@...>
To: LDG-auto-tuners@yahoogroups.com
Sent: Friday, October 28, 2011 7:28 PM
Subject: [LDG-auto-tuners] Change in Software for Higher Powered Tuners. Input wanted.

Hello all,

We currently allow the user to put the tuner in bypass, but if the tuner is also in Auto mode, it may retune if the SWR goes above the Threshold level. So to truly put it in bypass, it requires the user to change to Semi mode, then put the tuner in bypass. At that time, the tuner will not retune and will remain in bypass.

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There are two schools of thought on this. If the user wants bypass, they press the tune button briefly for bypass. Then can press it again to return to the previous tune. This gives a good way to check the tuner in and out circuit very quickly.

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We're seeing about 50/50 on each method by tech support calls. We picked the first method just because we had to pick one or the other. Now it's looking like the second method bypass changes to Semi mode is being more and more requested. It seems a little easier to understand as well. The first method requires you to remember that Auto mode take priority over Bypass. Now most users want Bypass to mean Bypass and that's it.

Chime in on those that have AT-200s, AT-600s and AT-1000s to which that you would rather see. I'd make it a poll, but it's too complicated to make it simply two choices and we'd rather hear directly from the users.

The main reason we are asking is we have another higher powered tuner coming out next year and we want to put in the Bypass method that is most requested.

Thanks!

Dwayne Kincaid

[Non-text portions of this message have been removed]

5010. Re: Help or guidance needed with LDG AT-11MP Autotuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-10-29 08:50:03 UTC
From: kawayuppie
Topic: 5000 Message: 5010

Hi Rick,

Thank you, I will give that a try. I am using a choke based on a design that uses ferrites, but I am wondering if maybe it is not being affective at 28 Mhz, or there is something else wrong. I must admit, feed line length did cross my mind ...

RFI in the shack can be a pain to fix at times.

vy 73,

Andre', M0JEK

--- In LDG-auto-tuners@yahoogroups.com, Rick Johnson <w3bi.rick@...> wrote:
>
>
> Hi Andre,
>
> Try adjusting the length of your feed line. My tuner had a big
> problem with 10 meters also until I added a length of coax that
> was 6 turns in about a 1 foot diameter. Then it worked great.
>
> Good luck & 73
> Rick W3BI
>

5011. Re: [LDG-auto-tuners] Change in Software for Higher Powered Tuners. Input wanted.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-10-29 02:08:30 UTC
From: KI4TJY
Topic: 5005 Message: 5011

Put an LED switch on the front panel and label it "BYPASS". Simple is always better.
Bruce/KI4TJY

Sent from my iPad

On Oct 28, 2011, at 7:28 PM, "Dwayne" <ldgyahoo@...> wrote:

> Hello all,
>
> We currently allow the user to put the tuner in bypass, but if the tuner is also in Auto mode, it may retune if the SWR goes above the Threshold level. So to truly put it in bypass, it requires the user to change to Semi mode, then put the tuner in bypass. At that time, the tuner will not retune and will remain in bypass.
>
> The proposed change is that when the user places the tuner in bypass, it also changes the Auto mode to Semi, therefore locking it in the bypass.
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> There are two schools of thought on this. If the user wants bypass, they press the tune button briefly for bypass. Then can press it again to return to the previous tune. This gives a good way to check the tuner in and out circuit very quickly.
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> The second thought is they want to bypass and leave it there and transmit no matter what the SWR is. The new change would allow that.
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> We're seeing about 50/50 on each method by tech support calls. We picked the first method just because we had to pick one or the other. Now it's looking like the second method bypass changes to Semi mode is being more and more requested. It seems a little easier to understand as well. The first method requires you to remember that Auto mode take priority over Bypass. Now most users want Bypass to mean Bypass and that's it.
>
> Chime in on those that have AT-200s, AT-600s and AT-1000s to which that you would rather see. I'd make it a poll, but it's too complicated to make it simply two choices and we'd rather hear directly from the users.
>
> The main reason we are asking is we have another higher powered tuner coming out next year and we want to put in the Bypass method that is most requested.
>
> Thanks!
>
> Dwayne Kincaid
>
>

[Non-text portions of this message have been removed]

5012. Re: [LDG-auto-tuners] Change in Software for Higher Powered Tuners. Input wanted.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-10-29 11:34:35 UTC
From: ka9p
Topic: 5005 Message: 5012

Hi Dwayne, not the answer you want I expect but can't you pick a default but support both and let the user select?

Most of the time my AT200 pro lives in a weatherproof box and operates in full auto, and sometimes with heavy snow and ice, less frequently when the trees have leaves and heavy rain, there is a need to retune established antennas, and ietting the tuner temporarily adapt without operator intervention is a nice feature.

But when I'm antenna experimenting there is a real need to stay in bypass sometimes.

Can't I have my cake and eat it too? ?(I'll live either way)

Scott

On Oct 28, 2011, at 6:28:47 PM, Dwayne <ldgyahoo@...> wrote:

From: Dwayne <ldgyahoo@...>
Subject: [LDG-auto-tuners] Change in Software for Higher Powered Tuners. Input wanted.
Date: October 28, 2011 6:28:47 PM CDT
To: LDG-auto-tuners@yahoogroups.com
Hello all,

We currently allow the user to put the tuner in bypass, but if the tuner is also in Auto mode, it may retune if the SWR goes above the Threshold level. So to truly put it in bypass, it requires the user to change to Semi mode, then put the tuner in bypass. At that time, the tuner will not retune and will remain in bypass.

The proposed change is that when the user places the tuner in bypass, it also changes the Auto mode to Semi, therefore locking it in the bypass.

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Chime in on those that have AT-200s, AT-600s and AT-1000s to which that you would rather see. I'd make it a poll, but it's too complicated to make it simply two choices and we'd rather hear directly from the users.

The main reason we are asking is we have another higher powered tuner coming out next year and we want to put in the Bypass method that is most requested.

Thanks!

Dwayne Kincaid

[Non-text portions of this message have been removed]

5013. Re: [LDG-auto-tuners] Change in Software for Higher Powered Tuners. Input wanted.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-10-29 12:10:02 UTC
From: Dave 'Doc' Corio
Topic: 5005 Message: 5013

I use the AT-200Pro, and as far as I'm concerned, the easier the
better. A single button-press is much simpler than having to first
change the mode.

Thanks for the opportunity for input!

73
Doc
KB3MOW

On 10/28/2011 10:08 PM, KI4TJY wrote:
>
> Put an LED switch on the front panel and label it "BYPASS". Simple is
> always better.
> Bruce/KI4TJY
>
> Sent from my iPad
>
> On Oct 28, 2011, at 7:28 PM, "Dwayne" <ldgyahoo@...
> <mailto:ldgyahoo%40ldgelectronics.com>> wrote:
>
> > Hello all,
> >
> > We currently allow the user to put the tuner in bypass, but if the
> tuner is also in Auto mode, it may retune if the SWR goes above the
> Threshold level. So to truly put it in bypass, it requires the user to
> change to Semi mode, then put the tuner in bypass. At that time, the
> tuner will not retune and will remain in bypass.
> >
> > The proposed change is that when the user places the tuner in
> bypass, it also changes the Auto mode to Semi, therefore locking it in
> the bypass.
> >
> > There are two schools of thought on this. If the user wants bypass,
> they press the tune button briefly for bypass. Then can press it again
> to return to the previous tune. This gives a good way to check the
> tuner in and out circuit very quickly.
> >
> > The second thought is they want to bypass and leave it there and
> transmit no matter what the SWR is. The new change would allow that.
> >
> > We're seeing about 50/50 on each method by tech support calls. We
> picked the first method just because we had to pick one or the other.
> Now it's looking like the second method bypass changes to Semi mode is

> being more and more requested. It seems a little easier to understand
> as well. The first method requires you to remember that Auto mode take
> priority over Bypass. Now most users want Bypass to mean Bypass and
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> > Chime in on those that have AT-200s, AT-600s and AT-1000s to which
> that you would rather see. I'd make it a poll, but it's too
> complicated to make it simply two choices and we'd rather hear
> directly from the users.
> >
> > The main reason we are asking is we have another higher powered
> tuner coming out next year and we want to put in the Bypass method
> that is most requested.
> >
> > Thanks!
> >
> > Dwayne Kincaid
> >
> >
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

5014. Re: Change in Software for Higher Powered Tuners. Input wanted.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-10-29 23:18:23 UTC
From: kb0naz
Topic: 5005 Message: 5014

All the tuners,not just the higher power one's, should go to true bypass;a user select for either way would be great and make everyone happy,but if only one way or the other, my vote is for true actual bypass
I always hated that when I put the tuner in bypass,it would re-tune when I didn't want it too.
Scott KB0NAZ

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
> Hello all,
>
> We currently allow the user to put the tuner in bypass, but if the tuner is also in Auto mode, it may retune if the SWR goes above the Threshold level. So to truly put it in bypass, it requires the user to change to Semi mode, then put the tuner in bypass. At that time, the tuner will not retune and will remain in bypass.
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> The proposed change is that when the user places the tuner in bypass, it also changes the Auto mode to Semi, therefore locking it in the bypass.
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> There are two schools of thought on this. If the user wants bypass, they press the tune button briefly for bypass. Then can press it again to return to the previous tune. This gives a good way to check the tuner in and out circuit very quickly.
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> The second thought is they want to bypass and leave it there and transmit no matter what the SWR is. The new change would allow that.
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> We're seeing about 50/50 on each method by tech support calls. We picked the first method just because we had to pick one or the other. Now it's looking like the second method bypass changes to Semi mode is being more and more requested. It seems a little easier to understand as well. The first method requires you to remember that Auto mode take priority over Bypass. Now most users want Bypass to mean Bypass and that's it.
>
> Chime in on those that have AT-200s, AT-600s and AT-1000s to which that you would rather see. I'd make it a poll, but it's too complicated to make it simply two choices and we'd rather hear directly from the users.
>
> The main reason we are asking is we have another higher powered tuner coming out next year and we want to put in the Bypass method that is most requested.
>
> Thanks!
>
> Dwayne Kincaid
>

5015. Re: [LDG-auto-tuners] Re: Change in Software for Higher Powered Tuners. Input wanted.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-10-29 23:51:31 UTC
From: W0MU Mike Fatchett
Topic: 5005 Message: 5015

Bypass to mean that the tuner is completely out of line. When not in
bypass the tuner should be in auto mode as the user wants to use the tuner.

When in Bypass I do not want the tuner coming on line for any reason.
Most manual tuners have a bypass switch which takes the tuner out of line.

Mike W0MU

J6M CQ WW DX CW Contest 2011
J6/W0MU November 21 - December 1 2011
W0MU-1 CC Cluster w0mu.net

On 10/29/2011 5:18 PM, kb0naz wrote:
> All the tuners,not just the higher power one's, should go to true bypass;a user select for either way would be great and make everyone happy,but if only one way or the other, my vote is for true actual bypass
> I always hated that when I put the tuner in bypass,it would re-tune when I didn't want it too.
> Scott KB0NAZ
>
> --- In LDG-auto-tuners@yahoogroups.com, "Dwayne"<ldgyahoo@...> wrote:
>>
>> Hello all,
>>
>> We currently allow the user to put the tuner in bypass, but if the tuner is also in Auto mode, it may retune if the SWR goes above the Threshold level. So to truly put it in bypass, it requires the user to change to Semi mode, then put the tuner in bypass. At that time, the tuner will not retune and will remain in bypass.
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>> The proposed change is that when the user places the tuner in bypass, it also changes the Auto mode to Semi, therefore locking it in the bypass.
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>> There are two schools of thought on this. If the user wants bypass, they press the tune button briefly for bypass. Then can press it again to return to the previous tune. This gives a good way to check the tuner in and out circuit very quickly.
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>> Chime in on those that have AT-200s, AT-600s and AT-1000s to which that you would rather see. I'd make it a poll, but it's too complicated to make it simply two choices and we'd rather hear directly from the users.
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>> The main reason we are asking is we have another higher powered tuner coming out next year and we want to put in the Bypass method that is most requested.
>>
>> Thanks!
>>
>> Dwayne Kincaid
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> Yahoo! Groups Links
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5016. Antenna troubleshooting: Frequent re-tunes/SWR up and down

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-10-30 00:06:41 UTC
From: Andrew O'Brien
Topic: 5016 Message: 5016

Any suggestions..

My inverted V (Ladder line from Inverted V to 4:1 balun and then short coax length in to shack) that has been working well with an LDG AT 200 Pro tuner .
Lately it has up and down SWR readings. On 80M it is constant, finds a match but the tuner attempts a re-tune every few seconds. On 40M a match 'sticks" at low power but starts attempting a re-tune if I go above 70 watts, SWR then is up and down.on 20M pretty much the same, good SWR until I get above 55 watts, then jumps all over place.

Nothing obvious here, no ice of snow.

The same antenna plugged in directly to my rig and internal tuner establishes a match without any issues on 40M. Alas , no match is found on 80M 20 , so can't compare too much for those bands.

I may replace the short piece of coax from balun to shack and see if that helps.

Andy K3UK

[Non-text portions of this message have been removed]

5017. Re: [LDG-auto-tuners] Antenna troubleshooting: Frequent re-tunes/SWR up and down

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-10-30 00:24:22 UTC
From: Leonard Pennock
Topic: 5016 Message: 5017

Kind of sounds like your balun is failing. Could also be joint failing or getting corroaded.
--
Leonard K. Pennock (AD7AS)
Sent from my Droid.

Andrew O'Brien <k3ukandy@...> wrote:

Any suggestions..

My inverted V (Ladder line from Inverted V to 4:1 balun and then short coax length in to shack) that has been working well with an LDG AT 200 Pro tuner .
Lately it has up and down SWR readings. On 80M it is constant, finds a match but the tuner attempts a re-tune every few seconds. On 40M a match 'sticks" at low power but starts attempting a re-tune if I go above 70 watts, SWR then is up and down.on 20M pretty much the same, good SWR until I get above 55 watts, then jumps all over place.

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The same antenna plugged in directly to my rig and internal tuner establishes a match without any issues on 40M. Alas , no match is found on 80M 20 , so can't compare too much for those bands.

I may replace the short piece of coax from balun to shack and see if that helps.

Andy K3UK

[Non-text portions of this message have been removed]

Yahoo! Groups Links

[Non-text portions of this message have been removed]

5018. Re: [LDG-auto-tuners] Antenna troubleshooting: Frequent re-tunes/SWR up and down

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-10-30 00:54:29 UTC
From: Jimmy (WB8NBI)
Topic: 5016 Message: 5018

Sounds like a RF problem to me.

73 Jimmy (WB8NBI)

From: Andrew O'Brien
Sent: Saturday, October 29, 2011 8:06 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Antenna troubleshooting: Frequent re-tunes/SWR up and down

Any suggestions..

My inverted V (Ladder line from Inverted V to 4:1 balun and then short coax length in to shack) that has been working well with an LDG AT 200 Pro tuner .
Lately it has up and down SWR readings. On 80M it is constant, finds a match but the tuner attempts a re-tune every few seconds. On 40M a match 'sticks" at low power but starts attempting a re-tune if I go above 70 watts, SWR then is up and down.on 20M pretty much the same, good SWR until I get above 55 watts, then jumps all over place.

Nothing obvious here, no ice of snow.

The same antenna plugged in directly to my rig and internal tuner establishes a match without any issues on 40M. Alas , no match is found on 80M 20 , so can't compare too much for those bands.

I may replace the short piece of coax from balun to shack and see if that helps.

Andy K3UK

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

5019. Re: [LDG-auto-tuners] Antenna troubleshooting: Frequent re-tunes/SWR up and down

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-10-30 00:59:17 UTC
From: Andrew O'Brien
Topic: 5016 Message: 5019

Thanks for the suggestion Jimmy, I did notice a increase in RF getting in to speakers in the shack recently. I will sniff around and see if eliminating stray RF helps.
Andy K3UK

On Sat, Oct 29, 2011 at 8:54 PM, Jimmy (WB8NBI) <wb8nbi@...>wrote:

> **
>
>
> Sounds like a RF problem to me.
>
> 73 Jimmy (WB8NBI)
>
> From: Andrew O'Brien
> Sent: Saturday, October 29, 2011 8:06 PM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: [LDG-auto-tuners] Antenna troubleshooting: Frequent re-tunes/SWR
> up and down
>
>

[Non-text portions of this message have been removed]

5020. Super quick responce from LDG

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-10-30 00:11:19 UTC
From: Aonghuis MacAonghuis
Topic: 5020 Message: 5020

I sent in an email on Saturday (during the WWW CSO DX SSB contest) and I recieved a reply within an hour to my question. I am very pleased at that type of responce and I really like my LDG-200ProII.

AE7PI

5021. Re: [LDG-auto-tuners] Antenna troubleshooting: Frequent re-tunes/SWR up and down

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-10-30 01:14:02 UTC
From: Andrew O'Brien
Topic: 5016 Message: 5021

Thanks again to Leonard and Jimmy for their suggestions. I seemed to have solved the problem. I was using it with an Elad switchbox in line, SWR is stable when I simply use the LDG with a direct connection to antenna feed line. Whether it is the switchbox or the cheap coax jumper I am using, I'll have to wait until tomorrow to test.

Andy K3UK

On Sat, Oct 29, 2011 at 8:59 PM, Andrew O'Brien <k3ukandy@...> wrote:
> Thanks for the suggestion Jimmy, I did notice a increase in RF getting in to
> speakers in the shack recently. I will sniff around and see if eliminating
> stray RF helps.
> Andy K3UK
>
> On Sat, Oct 29, 2011 at 8:54 PM, Jimmy (WB8NBI) <wb8nbi@suddenlink.net>
> wrote:
>>
>>
>>
>> Sounds like a RF problem to me.
>>
>> 73 Jimmy (WB8NBI)
>>
>> From: Andrew O'Brien
>> Sent: Saturday, October 29, 2011 8:06 PM
>> To: LDG-auto-tuners@yahoogroups.com
>> Subject: [LDG-auto-tuners] Antenna troubleshooting: Frequent re-tunes/SWR
>> up and down
>
>

5022. Re: [LDG-auto-tuners] Antenna troubleshooting: Frequent re-tunes/SWR up and down

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-10-30 01:47:14 UTC
From: Leonard K. Pennock
Topic: 5016 Message: 5022

Glad you found the issue.

On 10/29/2011 06:14 PM, Andrew O'Brien wrote:
> Thanks again to Leonard and Jimmy for their suggestions. I seemed to
> have solved the problem. I was using it with an Elad switchbox in
> line, SWR is stable when I simply use the LDG with a direct connection
> to antenna feed line. Whether it is the switchbox or the cheap coax
> jumper I am using, I'll have to wait until tomorrow to test.
>
> Andy K3UK
>
> On Sat, Oct 29, 2011 at 8:59 PM, Andrew O'Brien<k3ukandy@...> wrote:
>> Thanks for the suggestion Jimmy, I did notice a increase in RF getting in to
>> speakers in the shack recently. I will sniff around and see if eliminating
>> stray RF helps.
>> Andy K3UK
>>
>> On Sat, Oct 29, 2011 at 8:54 PM, Jimmy (WB8NBI)<wb8nbi@...>
>> wrote:
>>>
>>>
>>>
>>> Sounds like a RF problem to me.
>>>
>>> 73 Jimmy (WB8NBI)
>>>
>>> From: Andrew O'Brien
>>> Sent: Saturday, October 29, 2011 8:06 PM
>>> To: LDG-auto-tuners@yahoogroups.com
>>> Subject: [LDG-auto-tuners] Antenna troubleshooting: Frequent re-tunes/SWR
>>> up and down
>>
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>>
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>
> Yahoo! Groups Links
>
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>

--
Leonard K. Pennock

AD7AS

Those who walk bravely through life, unafraid of loss or failure,
find that they very rarely lose or fail.

5023. Re: Bypass mode issues

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-10-30 09:42:37 UTC
From: ka5s
Topic: 4997 Message: 5023

The manual says that when turned off, the tuner is in sleep mode and bypassed. Looks like that's what you need. The 1000-Pro works similarly, only it bypasses to antenna 2.

Cortland

--- In LDG-auto-tuners@yahoogroups.com, "w0mu" <w0mu@...> wrote:
>
> I have the AT-600pro.
>
> I put the tuner in bypass mode where the light is lit but it does not stay in bypass mode. It wants to try to tune instead. Is there a different bypass mode or is there something screwy with the software in this box?
>
> I only need the tuner on a couple of bands/antennas. Is it better to turn the tuner off?
>
> I am sure I am missing something simple.
>
> Mike W0MU
>

5024. Re: Antenna troubleshooting: Frequent re-tunes/SWR up and down

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-10-30 12:13:32 UTC
From: bsip_9
Topic: 5016 Message: 5024

--- In LDG-auto-tuners@yahoogroups.com, "Jimmy \(WB8NBI\)" <wb8nbi@...> wrote:
>
> Sounds like a RF problem to me.
>
> 73 Jimmy (WB8NBI)
>
> From: Andrew O'Brien
> Sent: Saturday, October 29, 2011 8:06 PM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: [LDG-auto-tuners] Antenna troubleshooting: Frequent re-tunes/SWR up and down
>
>
> Any suggestions..
>
> My inverted V (Ladder line from Inverted V to 4:1 balun and then short
> coax length in to shack) that has been working well with an LDG AT 200 Pro
> tuner .
> Lately it has up and down SWR readings. On 80M it is constant, finds a
> match but the tuner attempts a re-tune every few seconds. On 40M a match
> 'sticks" at low power but starts attempting a re-tune if I go above 70
> watts, SWR then is up and down.on 20M pretty much the same, good SWR until
> I get above 55 watts, then jumps all over place.
>
> Nothing obvious here, no ice of snow.
>
> The same antenna plugged in directly to my rig and internal tuner
> establishes a match without any issues on 40M. Alas , no match is found on
> 80M 20 , so can't compare too much for those bands.
>
> I may replace the short piece of coax from balun to shack and see if that
> helps.
>
> Andy K3UK
>
> [Non-text portions of this message have been removed]
>
> Hi Andy,
I had exactly that problem with my Z11 Pro and an open wire fed doublet. The antenna was not at fault so, on their advice I returned the tuner to LDG who replaced it under warranty essentially by return of post. They were more than helpful and I would recommend you do the same.

Regards,
Wes.
GW3RIH.

>
>
>
> [Non-text portions of this message have been removed]
>

5025. Re: [LDG-auto-tuners] Re: Bypass mode issues

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-10-30 15:20:59 UTC
From: W0MU Mike Fatchett
Topic: 4997 Message: 5025

Actually that is not true either. When the unit is turned off it still
seems to be in line.

Mike W0MU

J6M CQ WW DX CW Contest 2011
J6/W0MU November 21 - December 1 2011
W0MU-1 CC Cluster w0mu.net

On 10/30/2011 3:42 AM, ka5s wrote:
> The manual says that when turned off, the tuner is in sleep mode and bypassed. Looks like that's what you need. The 1000-Pro works similarly, only it bypasses to antenna 2.
>
> Cortland
>
> --- In LDG-auto-tuners@yahoogroups.com, "w0mu"<w0mu@...> wrote:
>>
>> I have the AT-600pro.
>>
>> I put the tuner in bypass mode where the light is lit but it does not stay in bypass mode. It wants to try to tune instead. Is there a different bypass mode or is there something screwy with the software in this box?
>>
>> I only need the tuner on a couple of bands/antennas. Is it better to turn the tuner off?
>>
>> I am sure I am missing something simple.
>>
>> Mike W0MU
>>
>
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>
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> ------------------------------------
>
> Yahoo! Groups Links
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5026. Re: Change in Software for Higher Powered Tuners. Input wanted.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-10-31 02:21:33 UTC
From: Mike Lichtman
Topic: 5005 Message: 5026

A question---If I simply turn the power off on my LDG 200 Pro, doesn't that put it in bypass mode or does it keep the last setting as a default? 73 Mike KF6KXG

5027. Re: Bypass mode issues

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-10-31 08:43:16 UTC
From: Cortland Richmond
Topic: 4997 Message: 5027

That's interesting. Is it possible it is bypassed to ANT 2 like the 1000-Pro?

Cortland
KA5S

1b. Re: Bypass mode issues
Posted by: "W0MU Mike Fatchett" w0mu@... w0mu
Date: Sun Oct 30, 2011 8:20 am ((PDT))

Actually that is not true either. When the unit is turned off it still
seems to be in line.

Mike W0MU

J6M CQ WW DX CW Contest 2011
J6/W0MU November 21 - December 1 2011
W0MU-1 CC Cluster w0mu.net

On 10/30/2011 3:42 AM, ka5s wrote:

> The manual says that when turned off, the tuner is in sleep mode and bypassed. Looks like that's what you need. The 1000-Pro works similarly, only it bypasses to antenna 2.
>
> Cortland
>
> --- In LDG-auto-tuners@yahoogroups.com, "w0mu"<w0mu@...> wrote:

5028. Re: Change in Software for Higher Powered Tuners. Input wanted.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-10-31 08:52:43 UTC
From: Cortland Richmond
Topic: 5005 Message: 5028

One good feature of LDG tuners since the QRP has been use of latching relays. These require a coil pulse to go back to bypass position but consume no power when set. This means that normally they will not return to bypass unless the firmware used resets them on turnoff. Where there are two outputs, such as with the LDG-1000-Pro, it's possible to have both; ANT1 does not return to bypass and ANT-2 does.

Usually, and especially on battery power, one doesn't want to keep using power when tuning is finished.

Cortland
KA5S

On Sun Oct 30, 2011 7:21 pm ((PDT)) Mike Lichtman wrote:
> 3a. Re: Change in Software for Higher Powered Tuners. Input wanted.
> Posted by: "Mike Lichtman"TchrMe@... mlicht103
> Date: Sun Oct 30, 2011 7:21 pm ((PDT))
>
> A question---If I simply turn the power off on my LDG 200 Pro, doesn't
> that put it in bypass mode or does it keep the last setting as a
> default? 73 Mike KF6KXG

5029. LDG Z100 Burned Resistor

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-10-31 23:53:05 UTC
From: George
Topic: 5029 Message: 5029

Hi folks,

My Z100 went south. Thankfully it just looks like I toasted resistor R5. Can anyone give me the value for this resistor?

Appreciated!

George, N0JRJ

5030. Re: LDG Z100 Burned Resistor

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-11-01 20:15:40 UTC
From: Cliff Hedgepeth
Topic: 5029 Message: 5030

A parts list and schematic would be nice in the manuals.

Cliff

K4MLD

--- In LDG-auto-tuners@yahoogroups.com, "George" <frgeorgeh@...> wrote:
>
> Hi folks,
>
> My Z100 went south. Thankfully it just looks like I toasted resistor R5. Can anyone give me the value for this resistor?
>
> Appreciated!
>
> George, N0JRJ
>

5031. Re: [LDG-auto-tuners] Re: LDG Z100 Burned Resistor

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-11-01 20:40:53 UTC
From: G8UVE
Topic: 5029 Message: 5031

A parts list and schematic would be nice in the manuals

Perhaps in the files section as well

I'm about to buy a second Z 100 Plus

That's if I can make it do the same as the LDG tuner for the 817

That's push the tune button and every thing is done automatically

Even if I've got to build the interface myself :-(((

Regards

David G8UVE

----- Original Message -----
From: "Cliff Hedgepeth" <k4mld@...>
To: <LDG-auto-tuners@yahoogroups.com>
Sent: Tuesday, November 01, 2011 8:15 PM
Subject: [LDG-auto-tuners] Re: LDG Z100 Burned Resistor

:A parts list and schematic would be nice in the manuals.
:
: Cliff
:
: K4MLD
:
: --- In LDG-auto-tuners@yahoogroups.com, "George" <frgeorgeh@...> wrote:
: >
: > Hi folks,
: >
: > My Z100 went south. Thankfully it just looks like I toasted resistor R5. Can
anyone give me the value for this resistor?
: >
: > Appreciated!
: >
: > George, N0JRJ
: >
:
:
:
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: ------------------------------------
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: Yahoo! Groups Links
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:

5032. Re: [LDG-auto-tuners] LDG Z100 Burned Resistor

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-11-03 00:30:44 UTC
From: cpu_nut
Topic: 5029 Message: 5032

Is the resistor near the "transmitter" connection and the round magnetic core?

I'm sure a quick call to LDG might help.

What happened to burn it out? A lightning hit, too much power or no antenna connected?

Based on my Z-100, it might be 75 Ohms.

Craig

--- On Mon, 10/31/11, George <frgeorgeh@...> wrote:

> From: George <frgeorgeh@...>
> Subject: [LDG-auto-tuners] LDG Z100 Burned Resistor
> To: LDG-auto-tuners@yahoogroups.com
> Date: Monday, October 31, 2011, 7:53 PM
> Hi folks,
>
> My Z100 went south. Thankfully it just looks like I toasted
> resistor R5. Can anyone give me the value for this
> resistor?
>
> Appreciated!
>
> George, N0JRJ
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
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>
>   LDG-auto-tuners-fullfeatured@yahoogroups.com
>
>
>

5033. Schematics

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-11-03 15:52:41 UTC
From: Cliff Hedgepeth
Topic: 5033 Message: 5033

Just contacted LDG and they will not provide schematics ,board layouts or parts list. Poor attitude.Others do. I'm a ham and have fixed my equipment for over 50 years and this is the first time I couldn't get a schematis or parts list.

Cliff
K4MLD

5034. Re: [LDG-auto-tuners] Schematics

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-11-03 16:08:15 UTC
From: Richard W. Solomon
Topic: 5033 Message: 5034

There are several companies that have that same attitude. Guess they think
we'll copy their design !!

As for me, I put them on the S(pecial) List and refrain from doing business
with them in the future. Their products are not unique in the marketplace.

73, Dick, W1KSZ

-----Original Message-----
>From: Cliff Hedgepeth <k4mld@...>
>Sent: Nov 3, 2011 8:52 AM
>To: LDG-auto-tuners@yahoogroups.com
>Subject: [LDG-auto-tuners] Schematics
>
>Just contacted LDG and they will not provide schematics ,board layouts or parts list. Poor attitude.Others do. I'm a ham and have fixed my equipment for over 50 years and this is the first time I couldn't get a schematis or parts list.
>
>Cliff
>K4MLD
>
>
>
>------------------------------------
>
>Yahoo! Groups Links
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>
>

5035. Re: Schematics

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-11-03 16:23:01 UTC
From: Dwayne
Topic: 5033 Message: 5035

Dick,

It's very easy to copy our design. Several companies have already done that.

When we sold the units as kits, we provided schematics. Once we changed to assembled units, we stopped including schematics.

Yes, there are many other autotuners on the market. If receiving the schematics with your unit is a requirement for you, then obviously you are free to look elsewhere.

It has nothing to do with our attitude, it's simply our policy. If someone needs specific help with a repair, we are more than happy to assist them.

Everyone here is free to post their opinion (as you have), just keep it civil.

Dwayne Kincaid
WD8OYG

--- In LDG-auto-tuners@...m, "Richard W. Solomon" <w1ksz@...> wrote:
>
> There are several companies that have that same attitude. Guess they think
> we'll copy their design !!
>
> As for me, I put them on the S(pecial) List and refrain from doing business
> with them in the future. Their products are not unique in the marketplace.
>
> 73, Dick, W1KSZ
>
>
> -----Original Message-----
> >From: Cliff Hedgepeth <k4mld@...>
> >Sent: Nov 3, 2011 8:52 AM
> >To: LDG-auto-tuners@yahoogroups.com
> >Subject: [LDG-auto-tuners] Schematics
> >
> >Just contacted LDG and they will not provide schematics ,board layouts or parts list. Poor attitude.Others do. I'm a ham and have fixed my equipment for over 50 years and this is the first time I couldn't get a schematis or parts list.
> >
> >Cliff
> >K4MLD
> >
> >
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> >
> >Yahoo! Groups Links

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>

5036. Re: Schematics

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-11-03 16:25:22 UTC
From: Cliff Hedgepeth
Topic: 5033 Message: 5036

Answer from LDG makes sense. They dont have a service manual. They are small and the thing is microprocessor controlled so there isn't a lot of user serviced items. They said they would provide any information needed.

Cliff
K4MLD

--- In LDG-auto-tuners@yahoogroups.com, "Richard W. Solomon" <w1ksz@...> wrote:
>
> There are several companies that have that same attitude. Guess they think
> we'll copy their design !!
>
> As for me, I put them on the S(pecial) List and refrain from doing business
> with them in the future. Their products are not unique in the marketplace.
>
> 73, Dick, W1KSZ
>
>
> -----Original Message-----
> >From: Cliff Hedgepeth <k4mld@...>
> >Sent: Nov 3, 2011 8:52 AM
> >To: LDG-auto-tuners@yahoogroups.com
> >Subject: [LDG-auto-tuners] Schematics
> >
> >Just contacted LDG and they will not provide schematics ,board layouts or parts list. Poor attitude.Others do. I'm a ham and have fixed my equipment for over 50 years and this is the first time I couldn't get a schematis or parts list.
> >
> >Cliff
> >K4MLD
> >
> >
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> >
> >Yahoo! Groups Links
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>

5037. Re: Schematics

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-11-03 16:27:35 UTC
From: Cliff Hedgepeth
Topic: 5033 Message: 5037

My apologies for starting this whole thing

Cliff

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
> Dick,
>
> It's very easy to copy our design. Several companies have already done that.
>
> When we sold the units as kits, we provided schematics. Once we changed to assembled units, we stopped including schematics.
>
> Yes, there are many other autotuners on the market. If receiving the schematics with your unit is a requirement for you, then obviously you are free to look elsewhere.
>
> It has nothing to do with our attitude, it's simply our policy. If someone needs specific help with a repair, we are more than happy to assist them.
>
> Everyone here is free to post their opinion (as you have), just keep it civil.
>
> Dwayne Kincaid
> WD8OYG
>
>
>
> --- In LDG-auto-tuners@yahoogroups.com, "Richard W. Solomon" <w1ksz@> wrote:
> >
> > There are several companies that have that same attitude. Guess they think
> > we'll copy their design !!
> >
> > As for me, I put them on the S(pecial) List and refrain from doing business
> > with them in the future. Their products are not unique in the marketplace.
> >
> > 73, Dick, W1KSZ
> >
> >
> > -----Original Message-----
> > >From: Cliff Hedgepeth <k4mld@>
> > >Sent: Nov 3, 2011 8:52 AM
> > >To: LDG-auto-tuners@yahoogroups.com
> > >Subject: [LDG-auto-tuners] Schematics
> > >
> > >Just contacted LDG and they will not provide schematics ,board layouts or parts list. Poor attitude.Others do. I'm a ham and have fixed my equipment for over 50 years and this

is the first time I couldn't get a schematis or parts list.
> > >
> > >Cliff
> > >K4MLD
> > >
> > >
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> > >Yahoo! Groups Links
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>

5038. RE: [LDG-auto-tuners] Re: Schematics

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-11-03 16:41:53 UTC
From: Jerry Haigwood
Topic: 5033 Message: 5038

Dwayne,

Could you let us know who has copied the LDG design? AFAIK, there are only two other companies that make similar products, MFJ and SGC.

Jerry W5JH

From: LDG-auto-tuners@yahoogroups.com
[mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Dwayne
Sent: Thursday, November 03, 2011 11:23 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: Schematics

Dick,

It's very easy to copy our design. Several companies have already done that.

When we sold the units as kits, we provided schematics. Once we changed to assembled units, we stopped including schematics.

Yes, there are many other autotuners on the market. If receiving the schematics with your unit is a requirement for you, then obviously you are free to look elsewhere.

It has nothing to do with our attitude, it's simply our policy. If someone needs specific help with a repair, we are more than happy to assist them.

Everyone here is free to post their opinion (as you have), just keep it civil.

Dwayne Kincaid
WD8OYG

--- In LDG-auto-tuners@yahoogroups.com
<mailto:LDG-auto-tuners%40yahoogroups.com> , "Richard W. Solomon"
<w1ksz@...> wrote:
>
> There are several companies that have that same attitude. Guess they think

> we'll copy their design !!
>
> As for me, I put them on the S(pecial) List and refrain from doing
business
> with them in the future. Their products are not unique in the marketplace.

>
> 73, Dick, W1KSZ
>

>
> -----Original Message-----
> >From: Cliff Hedgepeth <k4mld@...>
> >Sent: Nov 3, 2011 8:52 AM
> >To: LDG-auto-tuners@yahoogroups.com
<mailto:LDG-auto-tuners%40yahoogroups.com>
> >Subject: [LDG-auto-tuners] Schematics
> >
> >Just contacted LDG and they will not provide schematics ,board layouts or
parts list. Poor attitude.Others do. I'm a ham and have fixed my equipment
for over 50 years and this is the first time I couldn't get a schematis or
parts list.
> >
> >Cliff
> >K4MLD
> >
> >
> >
> >----------
> >
> >Yahoo! Groups Links
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> >
> >
>

[Non-text portions of this message have been removed]

5039. Re: Schematics

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-11-03 17:07:32 UTC
From: Dwayne
Topic: 5033 Message: 5039

Jerry,

It would be very inappropriate to name names (or even hint at it). However, there are several companies other than the ones you mentioned that make similar products.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "Jerry Haigwood" <w5jh@...> wrote:
>
> Dwayne,
>
> Could you let us know who has copied the LDG design? AFAIK, there are
> only two other companies that make similar products, MFJ and SGC.
>
> Jerry W5JH
>
>
>

5040. Re: Schematics

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-11-03 17:23:48 UTC
From: Dwayne
Topic: 5033 Message: 5040

Hi Cliff,

It's fine to ask questions like this. It comes up from time to time.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "Cliff Hedgepeth" <k4mld@...> wrote:
>
> My apologies for starting this whole thing
>
> Cliff
>

5041. Re: [LDG-auto-tuners] Re: Schematics

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-11-04 21:45:07 UTC
From: Bob Shilling
Topic: 5033 Message: 5041

If your design has already been copied by several companies, then you might as well release the schematics. Or maybe I am missing something here?

Bob kk6qq

--- On Thu, 11/3/11, Dwayne <ldgyahoo@...> wrote:

> From: Dwayne <ldgyahoo@...>
> Subject: [LDG-auto-tuners] Re: Schematics
> To: LDG-auto-tuners@yahoogroups.com
> Date: Thursday, November 3, 2011, 9:23 AM
> Dick,
>
> It's very easy to copy our design. Several companies have
> already done that.
>
> When we sold the units as kits, we provided schematics.
> Once we changed to assembled units, we stopped including
> schematics.
>
> Yes, there are many other autotuners on the market. If
> receiving the schematics with your unit is a requirement for
> you, then obviously you are free to look elsewhere.
>
> It has nothing to do with our attitude, it's simply our
> policy. If someone needs specific help with a repair, we are
> more than happy to assist them.
>
> Everyone here is free to post their opinion (as you have),
> just keep it civil.
>
> Dwayne Kincaid
> WD8OYG
>
>
>
> --- In LDG-auto-tuners@yahoogroups.com,
> "Richard W. Solomon" <w1ksz@...> wrote:
> >
> > There are several companies that have that same
> attitude. Guess they think
> > we'll copy their design !!
> >
> > As for me, I put them on the S(pecial) List and
> refrain from doing business
> > with them in the future. Their products are not unique

> in the marketplace.
> >
> > 73, Dick, W1KSZ
> >
> >
> > -----Original Message-----
> > >From: Cliff Hedgepeth <k4mld@...>
> > >Sent: Nov 3, 2011 8:52 AM
> > >To: LDG-auto-tuners@yahoogroups.com
> > >Subject: [LDG-auto-tuners] Schematics
> > >
> > >Just contacted LDG and they will not provide
> schematics ,board layouts or parts list. Poor
> attitude.Others do. I'm a ham and have fixed my equipment
> for over 50 years and this is the first time I couldn't get
> a schematis or parts list.
> > >
> > >Cliff
> > >K4MLD
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>   LDG-auto-tuners-fullfeatured@yahoogroups.com
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5042. Re: Schematics

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-11-05 00:48:11 UTC
From: k2lrv
Topic: 5033 Message: 5042

I can see both sides of the coin on this. In all honesty the components inside any tune are pretty basic, and if a company wants to copy a tuner all they would have to do is buy one and open it up and with a few select pieces of test equipment they can be reverse engineered. An auto tuner like LDG is noting more than an selection of Cs and Ls that are either placed in the circuit or removed via relays. LDGs real proprietary information is contained in the microcontroller code that controls the tuning(and the actual algorythm)as well as the storing and retreival of the tuning information.

There are plenty of companies that do not publish their schematics, you don't see people complaining that sony does not include their schematics in each of there TVs or stereo systems. It is really up to the LDG, and if they choose to not publish the schematics so be it. I love my 200PRO, it has worked with any antenna I have thrown it. Schematic or not I will always recommend LDG to anyone who asks me.

--- In LDG-auto-tuners@...m, Bob Shilling <bobshilling@...> wrote:
>
> If your design has already been copied by several companies, then you might as well release the schematics. Or maybe I am missing something here?
>
> Bob kk6qq
>
> --- On Thu, 11/3/11, Dwayne <ldgyahoo@...> wrote:
>
> > From: Dwayne <ldgyahoo@...>
> > Subject: [LDG-auto-tuners] Re: Schematics
> > To: LDG-auto-tuners@yahoogroups.com
> > Date: Thursday, November 3, 2011, 9:23 AM
> > Dick,
> >
> > It's very easy to copy our design. Several companies have
> > already done that.
> >
> > When we sold the units as kits, we provided schematics.
> > Once we changed to assembled units, we stopped including
> > schematics.
> >
> > Yes, there are many other autotuners on the market. If
> > receiving the schematics with your unit is a requirement for
> > you, then obviously you are free to look elsewhere.
> >
> > It has nothing to do with our attitude, it's simply our
> > policy. If someone needs specific help with a repair, we are
> > more than happy to assist them.
> >
> > Everyone here is free to post their opinion (as you have),

> > just keep it civil.
> >
> > Dwayne Kincaid
> > WD8OYG
> >
> >
> >
> > --- In LDG-auto-tuners@yahoogroups.com,
> > "Richard W. Solomon" <w1ksz@> wrote:
> > >
> > > There are several companies that have that same
> > attitude. Guess they think
> > > we'll copy their design !!
> > >
> > > As for me, I put them on the S(pecial) List and
> > refrain from doing business
> > > with them in the future. Their products are not unique
> > in the marketplace.
> > >
> > > 73, Dick, W1KSZ
> > >
> > >
> > > -----Original Message-----
> > > >From: Cliff Hedgepeth <k4mld@>
> > > >Sent: Nov 3, 2011 8:52 AM
> > > >To: LDG-auto-tuners@yahoogroups.com
> > > >Subject: [LDG-auto-tuners] Schematics
> > > >
> > > >Just contacted LDG and they will not provide
> > schematics ,board layouts or parts list. Poor
> > attitude.Others do. I'm a ham and have fixed my equipment
> > for over 50 years and this is the first time I couldn't get
> > a schematis or parts list.
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> > > >Cliff
> > > >K4MLD
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> >   LDG-auto-tuners-fullfeatured@yahoogroups.com
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5043. Re: [LDG-auto-tuners] Re: Schematics

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-11-05 01:31:22 UTC
From: Jimmy (WB8NBI)
Topic: 5033 Message: 5043

Well all I have to say is that I have found LDG and Dwayne to be very helpful in any way they can. They have answered any questions I have ever had. I now own a AT-1000Pro and a AT-200Pro and would not hesitate to buy another. Keep up the good work Dwayne.

73 Jimmy (WB8NBI)

From: k2lrv
Sent: Friday, November 04, 2011 8:48 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: Schematics

I can see both sides of the coin on this. In all honesty the components inside any tune are pretty basic, and if a company wants to copy a tuner all they would have to do is buy one and open it up and with a few select pieces of test equipment they can be reverse engineered. An auto tuner like LDG is noting more than an selection of Cs and Ls that are either placed in the circuit or removed via relays. LDGs real proprietary information is contained in the microcontroller code that controls the tuning(and the actual algorythm)as well as the storing and retreival of the tuning information.

There are plenty of companies that do not publish their schematics, you don't see people complaining that sony does not include their schematics in each of there TVs or stereo systems. It is really up to the LDG, and if they choose to not publish the schematics so be it. I love my 200PRO, it has worked with any antenna I have thrown it. Schematic or not I will always recommend LDG to anyone who asks me.

--- In mailto:LDG-auto-tuners%40yahoogroups.com, Bob Shilling <bobshilling@...> wrote:
>
> If your design has already been copied by several companies, then you might as well release the schematics. Or maybe I am missing something here?
>
> Bob kk6qq
>
> --- On Thu, 11/3/11, Dwayne <ldgyahoo@...> wrote:
>
> > From: Dwayne <ldgyahoo@...>
> > Subject: [LDG-auto-tuners] Re: Schematics
> > To: mailto:LDG-auto-tuners%40yahoogroups.com
> > Date: Thursday, November 3, 2011, 9:23 AM
> > Dick,
> >
> > It's very easy to copy our design. Several companies have
> > already done that.
> >
> > When we sold the units as kits, we provided schematics.
> > Once we changed to assembled units, we stopped including
> > schematics.

> >
> > Yes, there are many other autotuners on the market. If
> > receiving the schematics with your unit is a requirement for
> > you, then obviously you are free to look elsewhere.
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> > It has nothing to do with our attitude, it's simply our
> > policy. If someone needs specific help with a repair, we are
> > more than happy to assist them.
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> > Everyone here is free to post their opinion (as you have),
> > just keep it civil.
> >
> > Dwayne Kincaid
> > WD8OYG
> >
> >
> >
> > --- In mailto:LDG-auto-tuners%40yahoogroups.com,
> > "Richard W. Solomon" <w1ksz@> wrote:
> > >
> > > There are several companies that have that same
> > attitude. Guess they think
> > > we'll copy their design !!
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> > > As for me, I put them on the S(pecial) List and
> > refrain from doing business
> > > with them in the future. Their products are not unique
> > in the marketplace.
> > >
> > > 73, Dick, W1KSZ
> > >
> > >
> > > -----Original Message-----
> > > >From: Cliff Hedgepeth <k4mld@>
> > > >Sent: Nov 3, 2011 8:52 AM
> > > >To: mailto:LDG-auto-tuners%40yahoogroups.com
> > > >Subject: [LDG-auto-tuners] Schematics
> > > >
> > > >Just contacted LDG and they will not provide
> > schematics ,board layouts or parts list. Poor
> > attitude.Others do. I'm a ham and have fixed my equipment
> > for over 50 years and this is the first time I couldn't get
> > a schematis or parts list.
> > > >
> > > >Cliff
> > > >K4MLD
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> > mailto:LDG-auto-tuners-fullfeatured%40yahoogroups.com
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[Non-text portions of this message have been removed]

5044. Re: Schematics

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-11-05 22:05:05 UTC
From: lostfrogsrecords
Topic: 5033 Message: 5044

I agree. Also, LDG support is readily available and helpful.

I have three of their tuners now, and even a pair of (the now collectable <g>) DTS-4 switches and a DTS4-R controller. When I destroyed a relay in one of the switches by my operator error, they were kind enough to send me a free replacement relay. There was no need for a schematic in that case, just simple troubleshooting. I can see where it would be harder to diagnose a tuner problem however.

I have prevailed on one manufacturer for a schematic before, with the sending of a non-disclosure agreement, because I also like to have schematics of what I own. I still have not needed it for a repair. The schematic gives me a better understanding of what is going on inside and helps me as an experimenter get more uses out of a product. (But sometimes that's when the smoke gets out as well!)

Dave KI4PSR, another LDG fan!

--- In LDG-auto-tuners@yahoogroups.com, "k2lrv" <k2lrv@...> wrote:
>
> I can see both sides of the coin on this. In all honesty the components inside any tune are pretty basic, and if a company wants to copy a tuner all they would have to do is buy one and open it up and with a few select pieces of test equipment they can be reverse engineered. An auto tuner like LDG is noting more than an selection of Cs and Ls that are either placed in the circuit or removed via relays. LDGs real proprietary information is contained in the microcontroller code that controls the tuning(and the actual algorythm)as well as the storing and retreival of the tuning information.
>

5045. Re: Schematics

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-11-08 06:43:29 UTC
From: at91r40008
Topic: 5033 Message: 5045

I have 3 LDG tuners. Two Z11 and one Z11-Pro.
One of the Z11 is a really old one and when the relay driver chip died
I found out that it was obsolete and not available anymore. After a call to LDG they took one out of their still existing tuner and send me the chip for free. No need for the schematic to find out that the signal to the chip was ok but the relay were not switching.

A great service and great tuners, you can't ask for more.

73, Yvon NU6I

--- In LDG-auto-tuners@yahoogroups.com, "lostfrogsrecords" <dave@...> wrote:
>
> I agree. Also, LDG support is readily available and helpful.
>
> I have three of their tuners now, and even a pair of (the now collectable <g>) DTS-4 switches and a DTS4-R controller. When I destroyed a relay in one of the switches by my operator error, they were kind enough to send me a free replacement relay. There was no need for a schematic in that case, just simple troubleshooting. I can see where it would be harder to diagnose a tuner problem however.
>
> I have prevailed on one manufacturer for a schematic before, with the sending of a non-disclosure agreement, because I also like to have schematics of what I own. I still have not needed it for a repair. The schematic gives me a better understanding of what is going on inside and helps me as an experimenter get more uses out of a product. (But sometimes that's when the smoke gets out as well!)
>
> Dave KI4PSR, another LDG fan!
>
>
>
>
> --- In LDG-auto-tuners@yahoogroups.com, "k2lrv" <k2lrv@> wrote:
> >
> > I can see both sides of the coin on this. In all honesty the components inside any tune are pretty basic, and if a company wants to copy a tuner all they would have to do is buy one and open it up and with a few select pieces of test equipment they can be reverse engineered. An auto tuner like LDG is noting more than an selection of Cs and Ls that are either placed in the circuit or removed via relays. LDGs real proprietary information is contained in the microcontroller code that controls the tuning(and the actual algorythm)as well as the storing and retreival of the tuning information.
> >
>

5046. Do I need to be concerned? SWR readings on bypass of LDG AT-11MP

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-11-08 14:35:59 UTC
From: kawayuppie
Topic: 5046 Message: 5046

I have a LDG AT-11MP and I noticed that when the tuner is in bypass and connected to a 50 ohm HF dummy load, the rig SWR meter can read a higher VSWR ratio on some HF bands. Here are my findings. My dummy load is only a 25 watt, hence that is the highest power I used.

I selected the middle of each amateur band and then transmitted a carrier in each case and noted the readings. I did check without the tuner in circuit to ensure dummy load and cables are correct, and I had a 1:1 SWR reading on all bands.

Here are my findings with tuner in circuit and in standby which according to the manual is same as "bypass":

Using 10 watt power:
a) 1.8 - 18 Mhz SWR 1:1
b) 21 Mhz SWR 1.3:1
c) 24 Mhz SWR 1.6:1
d) 28 Mhz SWR 2:1

Using 25 watt power:
a) 1.8 - 14 Mhz SWR 1:1
b) 18 Mha SWR 1.2:1
c) 21 Mhz SWR 1.4:1
d) 24 Mhz SWR 1.7:1
e) 28 Mhz SWR 2.2:1

As you can see the lower HF and MF bands are pretty OK, but the upper HF give me some concern. Should I be concerned? Is there maybe a bad connection somewhere?

vy 73

Andre', M0JEK

5047. Re: Do I need to be concerned? SWR readings on bypass of LDG AT-11MP

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-11-08 14:40:05 UTC
From: k2lrv
Topic: 5046 Message: 5047

I am going to say a bad connection somewhere. Either that or the relay contact is going bad, and you are only seeing it at higher frequencies.

--- In LDG-auto-tuners@yahoogroups.com, "kawayuppie" <m0jek@...> wrote:
>
> I have a LDG AT-11MP and I noticed that when the tuner is in bypass and connected to a 50 ohm HF dummy load, the rig SWR meter can read a higher VSWR ratio on some HF bands. Here are my findings. My dummy load is only a 25 watt, hence that is the highest power I used.
>
> I selected the middle of each amateur band and then transmitted a carrier in each case and noted the readings. I did check without the tuner in circuit to ensure dummy load and cables are correct, and I had a 1:1 SWR reading on all bands.
>
> Here are my findings with tuner in circuit and in standby which according to the manual is same as "bypass":
>
> Using 10 watt power:
> a) 1.8 - 18 Mhz SWR 1:1
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> d) 28 Mhz SWR 2:1
>
> Using 25 watt power:
> a) 1.8 - 14 Mhz SWR 1:1
> b) 18 Mha SWR 1.2:1
> c) 21 Mhz SWR 1.4:1
> d) 24 Mhz SWR 1.7:1
> e) 28 Mhz SWR 2.2:1
>
> As you can see the lower HF and MF bands are pretty OK, but the upper HF give me some concern. Should I be concerned? Is there maybe a bad connection somewhere?
>
> vy 73
>
> Andre', M0JEK
>

5048. Re: Do I need to be concerned? SWR readings on bypass of LDG AT-11MP

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-11-08 14:59:16 UTC
From: kawayuppie
Topic: 5046 Message: 5048

Good point. I will see if I can see anything. I did get schematics with this tuner, so I suppose I should be able to trace this out.

I wonder if I will be able to buy spares for this old tuner if I need too?

--- In LDG-auto-tuners@yahoogroups.com, "k2lrv" <k2lrv@...> wrote:
>
> I am going to say a bad connection somewhere. Either that or the relay contact is going bad, and you are only seeing it at higher frequencies.
>
> --- In LDG-auto-tuners@yahoogroups.com, "kawayuppie" <m0jek@> wrote:
> >
> > I have a LDG AT-11MP and I noticed that when the tuner is in bypass and connected to a 50 ohm HF dummy load, the rig SWR meter can read a higher VSWR ratio on some HF bands.....
<snip>

5049. Re: [LDG-auto-tuners] Do I need to be concerned? SWR readings on bypass of LDG AT-11MP

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-11-08 21:26:02 UTC
From: Don Sanders
Topic: 5046 Message: 5049

You do not necessarily have a problem. Several of your coax lengths can affect the SWR on the higher frequencies. Anything under 2.5:1 is OK with worst case about 80 Percent power transfer. As long as the transmitter will load and put out power to the antenna. But it is good to check that coax lengths are not near 1/4 wave from source or load to measurment points. Also, it is well known that the LDG tuners in bypass mode add capacitance across the line, they are not invisible. So there have been a couple articles where users added bypass relays inside the case to go dorect from input to output in bypass mode.

Dr Don HC4/W4BWS

On Tue, Nov 8, 2011 at 9:35 AM, kawayuppie <m0jek@...> wrote:

> **
>
>
> I have a LDG AT-11MP and I noticed that when the tuner is in bypass and
> connected to a 50 ohm HF dummy load, the rig SWR meter can read a higher
> VSWR ratio on some HF bands. Here are my findings. My dummy load is only a
> 25 watt, hence that is the highest power I used.
>
> I selected the middle of each amateur band and then transmitted a carrier
> in each case and noted the readings. I did check without the tuner in
> circuit to ensure dummy load and cables are correct, and I had a 1:1 SWR
> reading on all bands.
>
> Here are my findings with tuner in circuit and in standby which according
> to the manual is same as "bypass":
>
> Using 10 watt power:
> a) 1.8 - 18 Mhz SWR 1:1
> b) 21 Mhz SWR 1.3:1
> c) 24 Mhz SWR 1.6:1
> d) 28 Mhz SWR 2:1
>
> Using 25 watt power:
> a) 1.8 - 14 Mhz SWR 1:1
> b) 18 Mha SWR 1.2:1
> c) 21 Mhz SWR 1.4:1
> d) 24 Mhz SWR 1.7:1
> e) 28 Mhz SWR 2.2:1
>
> As you can see the lower HF and MF bands are pretty OK, but the upper HF

> give me some concern. Should I be concerned? Is there maybe a bad
> connection somewhere?
>
> vy 73
>
> Andre', M0JEK
>
>
>

[Non-text portions of this message have been removed]

5050. Re: Do I need to be concerned? SWR readings on bypass of LDG AT-11MP

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-11-08 19:27:49 UTC
From: m0saz
Topic: 5046 Message: 5050

Hi Andre, have you tested your dummy load/tried a different one? That could also be an issue if it is no longer 50 ohms or there is a connection issue in that.

Good luck with getting it sorted.

73

Mike
M0SAZ

--- In LDG-auto-tuners@yahoogroups.com, "kawayuppie" <m0jek@...> wrote:
>
> Good point. I will see if I can see anything. I did get schematics with this tuner, so I suppose I should be able to trace this out.
>
> I wonder if I will be able to buy spares for this old tuner if I need too?
>
> --- In LDG-auto-tuners@yahoogroups.com, "k2lrv" <k2lrv@> wrote:
> >
> > I am going to say a bad connection somewhere. Either that or the relay contact is going bad, and you are only seeing it at higher frequencies.
> >
> > --- In LDG-auto-tuners@yahoogroups.com, "kawayuppie" <m0jek@> wrote:
> > >
> > > I have a LDG AT-11MP and I noticed that when the tuner is in bypass and connected to a 50 ohm HF dummy load, the rig SWR meter can read a higher VSWR ratio on some HF bands..... <snip>
>

5051. LDG Z11 QRP Tuner Upgrade

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-11-08 22:12:40 UTC
From: n0utj
Topic: 5051 Message: 5051

LDG Z11 QRP Tuner:

There used to be an upgrade chip available for the above tuner, W4RT had them at one time but no longer.

Anyone have one of these chips they want to get rid of ?

thanks

5052. Question about using ATU with TenTec Omni D

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-11-10 23:31:25 UTC
From: k4rjj@comcast.net
Topic: 5052 Message: 5052

A TenTec Omni D i'm thinking of buying does not have AM. How can I use an ATU with this if the radio has no setting to put out a signal the ATU can tune on? Or am I missing the idea of how an ATU works. Please forgive a new to HF ham. I need some advice. Thanks!

PS I have not bought an ATU yet so suggestions or offers of sale for units that will suit the purpose are great!

Thanks!

K4RJJ

Ronny

[Non-text portions of this message have been removed]

5053. Re: Question about using ATU with TenTec Omni D

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-11-11 07:30:07 UTC
From: Ken
Topic: 5052 Message: 5053

CW works just fine for tuning.

Switch to CW mode, reduce the power first... then hold down the your CW key until the tuning process is finished. The auto tuner will tune up fine.

The Ten Tec Omni D was a great rig.. I owned one 25 years ago and had lots of fun with it. It has very rugged finals but in case you do not know.. the Ten Tec Omni D does not have any SWR protection. It depends on the power supply overload tripping on high current. If you are not using the Ten Tec power supply.. be sure to get a DC circuit breaker. This will save you a lot of fuses.

My choice of LDG tuner is the Z11 Pro. (I have 2 of them) It will work with any radio, doe not require a radio interface cable. It will even work with a QRP rig so does not need much power for tuning up.

73 - Ken - VE5KC
- MM Hamsoft - http://hamsoft.ca
- VE5KC - http://ham-radio.ca
- Amateur Radio Link - http://amateur-radio.ca

--- In LDG-auto-tuners@yahoogroups.com, k4rjj@... wrote:
>
>
>
>
> A TenTec Omni D i'm thinking of buying does not have AM.Â How can I use an ATU with this if the radio has no setting to put out a signal the ATU can tune on?Â Or am I missing the idea of how an ATU works.Â Please forgive a new to HF ham.Â I need some advice.Â Thanks!
>
> Â
>
> PS I have not bought an ATU yet so suggestions or offers of sale for units that will suit the purpose are great!
>
> Thanks!
>
> K4RJJ
>
> Ronny
>
>
> Â
>
> [Non-text portions of this message have been removed]
>

5054. Re: [LDG-auto-tuners] Re: Question about using ATU with TenTec Omni D

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-11-11 12:52:02 UTC
From: Leonard K. Pennock
Topic: 5052 Message: 5054

Don't think you would want to use the Z11Pro with the omni D. I think
the omni D is a 200W rig so you should be using the AT200Pro or ProII.

On 11/11/2011 12:30 AM, Ken wrote:
> CW works just fine for tuning.
>
> Switch to CW mode, reduce the power first... then hold down the your CW key until the tuning process is finished. The auto tuner will tune up fine.
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> The Ten Tec Omni D was a great rig.. I owned one 25 years ago and had lots of fun with it. It has very rugged finals but in case you do not know.. the Ten Tec Omni D does not have any SWR protection. It depends on the power supply overload tripping on high current. If you are not using the Ten Tec power supply.. be sure to get a DC circuit breaker. This will save you a lot of fuses.
>
> My choice of LDG tuner is the Z11 Pro. (I have 2 of them) It will work with any radio, doe not require a radio interface cable. It will even work with a QRP rig so does not need much power for tuning up.
>
> 73 - Ken - VE5KC
> - MM Hamsoft - http://hamsoft.ca
> - VE5KC - http://ham-radio.ca
> - Amateur Radio Link - http://amateur-radio.ca
> ----
>
> --- In LDG-auto-tuners@yahoogroups.com, k4rjj@... wrote:
>>
>>
>>
>>
>> A TenTec Omni D i'm thinking of buying does not have AM.? How can I use an ATU with this if the radio has no setting to put out a signal the ATU can tune on?? Or am I missing the idea of how an ATU works.? Please forgive a new to HF ham.? I need some advice.? Thanks!
>>
>> ?
>>
>> PS I have not bought an ATU yet so suggestions or offers of sale for units that will suit the purpose are great!
>>
>> Thanks!
>>
>> K4RJJ
>>
>> Ronny

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>> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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Leonard K. Pennock
AD7AS

Those who walk bravely through life, unafraid of loss or failure,
find that they very rarely lose or fail.

5055. RE: [LDG-auto-tuners] Re: Question about using ATU with TenTec Omni D

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-11-11 13:45:46 UTC
From: Jack Sheehy
Topic: 5052 Message: 5055

The OMNI D is only 100 watts out. I had one for some years. Nice radio. To tune It is very easy to reduce power on CW by using a front panel control.

From: LDG-auto-tuners@yahoogroups.com
[mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Leonard K. Pennock
Sent: Friday, November 11, 2011 7:52 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] Re: Question about using ATU with TenTec Omni D

Don't think you would want to use the Z11Pro with the omni D. I think the omni D is a 200W rig so you should be using the AT200Pro or ProII.

On 11/11/2011 12:30 AM, Ken wrote:
> CW works just fine for tuning.
>
> Switch to CW mode, reduce the power first... then hold down the your CW key until the tuning process is finished. The auto tuner will tune up fine.
>
> The Ten Tec Omni D was a great rig.. I owned one 25 years ago and had lots of fun with it. It has very rugged finals but in case you do not know.. the Ten Tec Omni D does not have any SWR protection. It depends on the power supply overload tripping on high current. If you are not using the Ten Tec power supply.. be sure to get a DC circuit breaker. This will save you a lot of fuses.
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> 73 - Ken - VE5KC
> - MM Hamsoft - http://hamsoft.ca
> - VE5KC - http://ham-radio.ca
> - Amateur Radio Link - http://amateur-radio.ca
> ----
>
> --- In LDG-auto-tuners@yahoogroups.com
<mailto:LDG-auto-tuners%40yahoogroups.com> , k4rjj@... wrote:
>>
>>
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>>
>> A TenTec Omni D i'm thinking of buying does not have AM.Â How can I use an ATU with this if the radio has no setting to put out a signal the ATU can

tune on?Â Or am I missing the idea of how an ATU works.Â Please forgive a
new to HF ham.Â I need some advice.Â Thanks!
>>
>> Â
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>> PS I have not bought an ATU yet so suggestions or offers of sale for
units that will suit the purpose are great!
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>> Thanks!
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>> K4RJJ
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>> Ronny
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>> [Non-text portions of this message have been removed]
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> ------------------------------------
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> Yahoo! Groups Links
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Leonard K. Pennock
AD7AS

Those who walk bravely through life, unafraid of loss or failure,
find that they very rarely lose or fail.

[Non-text portions of this message have been removed]

5056. Re: [LDG-auto-tuners] Re: Question about using ATU with TenTec Omni D

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-11-11 13:54:37 UTC
From: Leonard K. Pennock
Topic: 5052 Message: 5056

Ok. Riggs Pix <http://www.rigpix.com/tentec/omnid.htm> had it listed as
200W but reading the TenTec brochure
<http://www.rigpix.com/tentec/tentec_omni_a_d_1979.htm>, that is input
to the final so RF output would be closer to 100W. Regardless a lot of
the older 100W tube rigs put out more than 100W and are not recommended
to be used with the Z11Pro series per LDG. The AT100 or AT200 series
should be used with those radios.

On 11/11/2011 06:45 AM, Jack Sheehy wrote:
> The OMNI D is only 100 watts out. I had one for some years. Nice radio. To
> tune It is very easy to reduce power on CW by using a front panel control.
>
>
>
>
> From: LDG-auto-tuners@yahoogroups.com
> [mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Leonard K. Pennock
> Sent: Friday, November 11, 2011 7:52 AM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: Re: [LDG-auto-tuners] Re: Question about using ATU with TenTec Omni
> D
>
>
>
>
>
> Don't think you would want to use the Z11Pro with the omni D. I think
> the omni D is a 200W rig so you should be using the AT200Pro or ProII.
>
> On 11/11/2011 12:30 AM, Ken wrote:
>> CW works just fine for tuning.
>>
>> Switch to CW mode, reduce the power first... then hold down the your CW
> key until the tuning process is finished. The auto tuner will tune up fine.
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> Ten Tec Omni D does not have any SWR protection. It depends on the power
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> power supply.. be sure to get a DC circuit breaker. This will save you a lot
> of fuses.
>>
>> My choice of LDG tuner is the Z11 Pro. (I have 2 of them) It will work
> with any radio, doe not require a radio interface cable. It will even work

> with a QRP rig so does not need much power for tuning up.
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>> 73 - Ken - VE5KC
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>> ----
>>
>> --- In LDG-auto-tuners@yahoogroups.com
> <mailto:LDG-auto-tuners%40yahoogroups.com> , k4rjj@... wrote:
>>>
>>>
>>>
>>>
>>> A TenTec Omni D i'm thinking of buying does not have AM.? How can I use
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> new to HF ham.? I need some advice.? Thanks!
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>>> PS I have not bought an ATU yet so suggestions or offers of sale for
> units that will suit the purpose are great!
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>>> Thanks!
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>>> K4RJJ
>>>
>>> Ronny
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>>> [Non-text portions of this message have been removed]
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>> Yahoo! Groups Links
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Leonard K. Pennock
AD7AS

Those who walk bravely through life, unafraid of loss or failure,
find that they very rarely lose or fail.

5057. Re: [LDG-auto-tuners] Re: Question about using ATU with TenTec Omni D

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-11-11 23:56:29 UTC
From: Ronny Julian
Topic: 5052 Message: 5057

This is very good info Ken. Thanks! I will get one as soon as I can.
I wonder if there are any mods or add on circuits to give this radio a
way to shut down or fold back power on high SWR? I'm going to put up as
much wire as I can in a horizontal loop and feed it with 450 ohm ladder
line as a first try.

So there is no way that I can leave the radio in SSB and tune on the fly?

Ronny Julian
K4RJJ

On 11/11/2011 02:30 AM, Ken wrote:
>
> CW works just fine for tuning.
>
> Switch to CW mode, reduce the power first... then hold down the your
> CW key until the tuning process is finished. The auto tuner will tune
> up fine.
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> lots of fun with it. It has very rugged finals but in case you do not
> know.. the Ten Tec Omni D does not have any SWR protection. It depends
> on the power supply overload tripping on high current. If you are not
> using the Ten Tec power supply.. be sure to get a DC circuit breaker.
> This will save you a lot of fuses.
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> My choice of LDG tuner is the Z11 Pro. (I have 2 of them) It will work
> with any radio, doe not require a radio interface cable. It will even
> work with a QRP rig so does not need much power for tuning up.
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> 73 - Ken - VE5KC
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> ----
>

[Non-text portions of this message have been removed]

5058. Re: Question about using ATU with TenTec Omni D

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-11-12 05:40:24 UTC
From: Ken
Topic: 5052 Message: 5058

Hi Ronny,

Auto tuners will tune in SSB mode.. You still want to keep the power down.. You just have to whistle.. talk anything to get some power going out of the radio. So if you changed bands, or moved frequency in a band enough, as soon as you started taking, the tuner will start tuning if necessary.

For SWR protection, no mod is needed.. this is the way Ten Tec has done it with there rigs for years and it worked well. For base operation it is nice to use the Ten Tec Power Supply design for the radio. It has the built in over current protection. For mobile or any other operation without the TT PS get a fast action DC circuit breaker of the correct rating (18a). TT should still sell them.

The finals, (transistor for the person who mention tubes) are very rugged. As long as you do not exceed the max current, for a period of time, you will not damage the finals. This radio is not that picky what SWR it sees, it is the current you have to watch. If you have to, you can operate at lower power with a bad SWR and still get on the air. You don't hear much talk about blowing Ten Tec finals.

One example.. a Ten Tec Omni was used at school for the kids ham club. One day in the rush to leave the class something was accidentally knocked on to the CW key and not noticed. The rig was set for break in so it keyed.. It was over an hour before the teacher discovered the mistake shutting things down for the day. During the whole time the radio had been putting out a 100 watt carrier. No damage was done to the radio, it was not even excessively hot.

The power output is rated at 100 watts but I forgot that this is a very conservative rating, mine did more, especially with with an outboard Rf speech processor.. You may well want to look at tuners that have a 200 watt rating, to be on the safe side..

73 - Ken - VE5KC
- MM Hamsoft - http://hamsoft.ca
- VE5KC - http://ham-radio.ca
- Amateur Radio Link - http://amateur-radio.ca

--- In LDG-auto-tuners@yahoogroups.com, Ronny Julian <k4rjj@...> wrote:
>
> This is very good info Ken. Thanks! I will get one as soon as I can. I wonder if there are any mods or add on circuits to give this radio a way to shut down or fold back power on high SWR? I'm going to put up as much wire as I can in a horizontal loop and feed it with 450 ohm ladder line as a first try.
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> So there is no way that I can leave the radio in SSB and tune on the fly?
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> On 11/11/2011 02:30 AM, Ken wrote:
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> > work with a QRP rig so does not need much power for tuning up.
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> > ----
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> [Non-text portions of this message have been removed]
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5059. AT200PRO -- OK to let it tune itself?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-11-11 19:02:00 UTC
From: ka4bls
Topic: 5059 Message: 5059

I have used an LDG AT200PRO with an Icom IC-706MKIIG and a 75 meter dipole for years and I love the combination! Lately I have experimented with Ham Radio Deluxe, hoping possibly to eventually access my rig remotely.

I find that the TUNE button on the Icom is not supported in the Icom CI-V command set. The AT200PRO will fire off tuning activity automatically when it detects high SWR. Will I damage my tuner if I switch from band and frequency to another and just let the tuner do its thing when I key the mike?

I run barefooted on SSB!

73,

Don/KA4BLS

5060. (no subject)

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-11-13 13:15:10 UTC
From: marshallglowplug@yahoo.ca
Topic: 5060 Message: 5060

http://www.adojeugd.nl/modules/mod_wdbanners/yes.php?html1

[Non-text portions of this message have been removed]

5061. W4RT ONE-TOUCH TUNE for the FT-817

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-11-13 18:02:10 UTC
From: kozey746
Topic: 4962 Message: 5061

Still DESPERATELY looking for one of These!!!
Any help Appreciated.
VE5RMK

5062. Re: AT200PRO -- OK to let it tune itself?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-11-13 09:08:09 UTC
From: m0saz
Topic: 5059 Message: 5062

I am sure, like the mobile Yaesu radios the 706 has an SWR rollback circuit so the radio will be fine. The tuner itself is designed to work in this way for rigs without an interface to the radio so I see no problem here. Given the AT-200 Pro is 200w handling too, you certainly won't abuse it enough HI.

Enjoy your experiments with HRD.

73

Mike
M0SAZ

--- In LDG-auto-tuners@yahoogroups.com, "ka4bls" <currahee01@...> wrote:
>
> I have used an LDG AT200PRO with an Icom IC-706MKIIG and a 75 meter dipole for years and I love the combination! Lately I have experimented with Ham Radio Deluxe, hoping possibly to eventually access my rig remotely.
>
> I find that the TUNE button on the Icom is not supported in the Icom CI-V command set. The AT200PRO will fire off tuning activity automatically when it detects high SWR. Will I damage my tuner if I switch from band and frequency to another and just let the tuner do its thing when I key the mike?
>
> I run barefooted on SSB!
>
> 73,
>
> Don/KA4BLS
>

5063. Re: AT200PRO -- OK to let it tune itself?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-11-13 21:10:40 UTC
From: Peter
Topic: 5059 Message: 5063

Don, that is ok wen the AT200 tune itself. It is also written in the manual that it is ok. The AT200Pro is very rugged. Often I used mine with 500 Watt power without problems.

73, Peter - HB9PJT

--- In LDG-auto-tuners@yahoogroups.com, "ka4bls" <currahee01@...> wrote:
>
> I have used an LDG AT200PRO with an Icom IC-706MKIIG and a 75 meter dipole for years and I love the combination! Lately I have experimented with Ham Radio Deluxe, hoping possibly to eventually access my rig remotely.
>
> I find that the TUNE button on the Icom is not supported in the Icom CI-V command set. The AT200PRO will fire off tuning activity automatically when it detects high SWR. Will I damage my tuner if I switch from band and frequency to another and just let the tuner do its thing when I key the mike?
>
> I run barefooted on SSB!
>
> 73,
>
> Don/KA4BLS
>

5064. Potential Z-817 issue

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-11-14 23:18:29 UTC
From: m0saz
Topic: 5064 Message: 5064

Hi all,

I have a number of LDG tuners, AT-200 pro, Z-11 pro and a Z-817 (as well as previously owned an AT-100 pro etc) and having used them, I wouldn't use another brand. Anyway, a while back I sold my FT-817ND and my Z-817 and having missed them bought the FT-817ND a few months ago and the Z-817 tuner recently.

I am having problems whereby the rig isn't always switching to packet mode, I sometimes am having to push full tune a second time before it will kick in. Instead of tuning, the red LED will blink, indicating no RF. I can't see anything wrong with the FT-817ND and I have sent the Z-817 back to the dealers who say it checks out fine.

I have tried using the FT-817ND with PSU in case the batteries weren't driving the rig well enough but to no avail. Memory tuning on the Z-817 seems a bit hit and miss also.

From memory, the previous Z-817 tuner I owned was much more responsive than this. I can post a video explaining what I mean if it helps. I am not saying the tuner is at fault, it could be the radio, but I would like to know if I am missing something. All leads are pushed in well and I have tried different antennas.

73

Mike
M0SAZ

5065. Re: Potential Z-817 issue

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-11-14 23:47:03 UTC
From: m0saz
Topic: 5064 Message: 5065

OK replying to my own post here, but just to note I just tried setting the radio to 5w and the tuner seems much more responsive - strange, because I was sure the tuner put the radio into PKT mode and reduced the power. I was running it at 2.5w but the tuner seems fussy.

Anyone got any similar experiences?

Thanks,

Mike
M0SAZ

--- In LDG-auto-tuners@yahoogroups.com, "m0saz" <michael@...> wrote:
>
> Hi all,
>
> I have a number of LDG tuners, AT-200 pro, Z-11 pro and a Z-817 (as well as previously owned an AT-100 pro etc) and having used them, I wouldn't use another brand. Anyway, a while back I sold my FT-817ND and my Z-817 and having missed them bought the FT-817ND a few months ago and the Z-817 tuner recently.
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> I am having problems whereby the rig isn't always switching to packet mode, I sometimes am having to push full tune a second time before it will kick in. Instead of tuning, the red LED will blink, indicating no RF. I can't see anything wrong with the FT-817ND and I have sent the Z-817 back to the dealers who say it checks out fine.
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>
> 73
>
> Mike
> M0SAZ
>

5066. RE: [LDG-auto-tuners] Re: Can Z11Pro2 sustain contesting on 10-15m without overheating?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-11-15 00:12:58 UTC
From: Randall
Topic: 4942 Message: 5066

I'm considering a Z-11 Pro2 but haven't seen any reviews on it yet.

Anyone have any bad experiences with it ?

Thanks

Randall

[Non-text portions of this message have been removed]

5067. Re: Can Z11Pro2 sustain contesting on 10-15m without overheating?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-11-15 23:53:49 UTC
From: m0saz
Topic: 4942 Message: 5067

Not one bad experience from me. Tunes anything you can think of and is very quiet considering and very fast. I love mine (I use it with the FT-857D).

Mike
M0SAZ

--- In LDG-auto-tuners@yahoogroups.com, "Randall" <N0UTJ@...> wrote:
>
>
>
>
>
> I'm considering a Z-11 Pro2 but haven't seen any reviews on it yet.
>
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>
> Anyone have any bad experiences with it ?
>
>
>
> Thanks
>
> Randall
>
>
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>
> [Non-text portions of this message have been removed]
>

5068. Re: Can Z11Pro2 sustain contesting on 10-15m without overheating?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-11-15 23:58:03 UTC
From: Ken
Topic: 4942 Message: 5068

Some reviews here: http://www.eham.net/reviews/detail/5388

From what I understand, there is very little difference between the Z-11 Pro2 and the older Z-11 Pro.

73 - Ken - VE5KC
- MM Hamsoft - http://hamsoft.ca
- VE5KC - http://ham-radio.ca
- Amateur Radio Link - http://amateur-radio.ca

--- In LDG-auto-tuners@yahoogroups.com, "Randall" <N0UTJ@...> wrote:
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> I'm considering a Z-11 Pro2 but haven't seen any reviews on it yet.
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> Anyone have any bad experiences with it ?
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> Thanks
>
> Randall
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>
> [Non-text portions of this message have been removed]
>

5069. Re: AT200PRO -- OK to let it tune itself?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-11-16 00:40:19 UTC
From: ka4bls
Topic: 5059 Message: 5069

Thanks Mike and Pete! I feel reassured--I remember reading about people who mounted the ATU out near the antenna, without any particular problems.

73, Don

--- In LDG-auto-tuners@yahoogroups.com, "ka4bls" <currahee01@...> wrote:
>
> I have used an LDG AT200PRO with an Icom IC-706MKIIG and a 75 meter dipole for years and I love the combination! Lately I have experimented with Ham Radio Deluxe, hoping possibly to eventually access my rig remotely.
>
> I find that the TUNE button on the Icom is not supported in the Icom CI-V command set. The AT200PRO will fire off tuning activity automatically when it detects high SWR. Will I damage my tuner if I switch from band and frequency to another and just let the tuner do its thing when I key the mike?
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> I run barefooted on SSB!
>
> 73,
>
> Don/KA4BLS
>

5070. Re: [LDG-auto-tuners] Re: Can Z11Pro2 sustain contesting on 10-15m without overheating?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-11-16 01:45:01 UTC
From: Tom Peterson
Topic: 4942 Message: 5070

Just got one last week to fill in for my at 100 pro while it's out for repair. So far I'm really happy with it. Works with my 100 watt Icom and my 5 watt Flex flawlessly.

Sent from my Batcomputer

On Nov 14, 2011, at 6:12 PM, "Randall" <N0UTJ@...> wrote:

>
>
>
>
> I'm considering a Z-11 Pro2 but haven't seen any reviews on it yet.
>
>
>
> Anyone have any bad experiences with it ?
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> Thanks
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> Randall
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> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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5071. Re: [LDG-auto-tuners] Re: Can Z11Pro2 sustain contesting on 10-15m without overheating?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-11-16 11:22:17 UTC
From: Scott L. Marriam
Topic: 4942 Message: 5071

I worked the business end of a pileup for over half an hour during the
NY State QSO Party without issue.

In fact, I was on the air almost all of the contest and not one problem.
100 watts from a FT-900.

Scott WA2DTN

On Tue, 2011-11-15 at 19:45 -0600, Tom Peterson wrote:
> Just got one last week to fill in for my at 100 pro while it's out for repair. So far I'm really happy with it. Works with my 100 watt Icom and my 5 watt Flex flawlessly.
>
> Sent from my Batcomputer
>

5072. RE: [LDG-auto-tuners] Re: Can Z11Pro2 sustain contesting on 10-15m without overheating?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-11-16 13:58:00 UTC
From: Glenn AE0Q
Topic: 4942 Message: 5072

Mine works great at 100w and will also tune at QRP levels, which some models can't do (they need more drive than QRPp).

If you read up on L-match versus T-match tuner design, you find that the L-match won't give a good match indication at a grossly inefficient setting like a T-match can be adjusted to do. I have melted down a 300w T-match with a 100w radio (in a contest) by unknowingly adjusting it to a good match indicated on the radio, but it was very inefficient. Power was being wasted in the matching circuit and eventually melted the coil.

The L-match circuit won't give that combination (good indication at poor efficiency).

73 - Glenn AE0Q

--
"Remember, any tool can be the right tool!" Red Green

AE0Q ex: GM5BKC, ZB2WZ, V31RY, SV0WY, WA0VPK
ae0q@... --SOWP 5558-M, ARRL LM, QCWA LM, OOTC, NCVA--
http://www.radiotipsandtales.com

[Non-text portions of this message have been removed]

5073. Re: Potential Z-817 issue

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-11-16 17:57:48 UTC
From: m0saz
Topic: 5064 Message: 5073

Just to say the dealer narrowed the fault down to the CAT cable, but just in case it was the socket are going to swap the unit out in its entirety. Great service. Great tuners... LDG are quality products I have come to depend on!

Mike
M0SAZ

--- In LDG-auto-tuners@yahoogroups.com, "m0saz" <michael@...> wrote:
>
> OK replying to my own post here, but just to note I just tried setting the radio to 5w and the tuner seems much more responsive - strange, because I was sure the tuner put the radio into PKT mode and reduced the power. I was running it at 2.5w but the tuner seems fussy.
>
> Anyone got any similar experiences?
>
> Thanks,
>
> Mike
> M0SAZ
>
> --- In LDG-auto-tuners@yahoogroups.com, "m0saz" <michael@> wrote:
> >
> > Hi all,
> >
> > I have a number of LDG tuners, AT-200 pro, Z-11 pro and a Z-817 (as well as previously owned an AT-100 pro etc) and having used them, I wouldn't use another brand. Anyway, a while back I sold my FT-817ND and my Z-817 and having missed them bought the FT-817ND a few months ago and the Z-817 tuner recently.
> >
> > I am having problems whereby the rig isn't always switching to packet mode, I sometimes am having to push full tune a second time before it will kick in. Instead of tuning, the red LED will blink, indicating no RF. I can't see anything wrong with the FT-817ND and I have sent the Z-817 back to the dealers who say it checks out fine.
> >
> > I have tried using the FT-817ND with PSU in case the batteries weren't driving the rig well enough but to no avail. Memory tuning on the Z-817 seems a bit hit and miss also.
> >
> > From memory, the previous Z-817 tuner I owned was much more responsive than this. I can post a video explaining what I mean if it helps. I am not saying the tuner is at fault, it could be the radio, but I would like to know if I am missing something. All leads are pushed in well and I have tried different antennas.
> >
> > 73
> >

> > Mike
> > M0SAZ
> >
>

5074. yt-100

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-11-16 18:42:02 UTC
From: michael dollins
Topic: 5064 Message: 5074

Got a YT-100 tuner for my ft-857d....LOVE IT! It integrates directly into the radio using the CAT cable. The only negative thing I have to say is that the jumper a jumper was not included..thought the CAT cable was. I made due till I got one, but bottom line, I am impressed.

So far on a G5 I have tuned 80, 40, 20, 17, 12, 10 and once in a while 60.....

_____

[Non-text portions of this message have been removed]

5075. Re: Potential Z-817 issue

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-11-17 17:36:45 UTC
From: m0saz
Topic: 5064 Message: 5075

Another follow-up, before sending back they discovered it wasn't tuning on every press first time (especially when the battery was running low), and they considered swapping out the FT-817 but as I had the W4RT one board filter it would have been more messing around, taking it out and me sending over my MuRata filter etc.

Soooooooo.... they tried an Z-817H and it never missed a beat, they even said although the tuning time was slightly longer, persumably because of the larger relays, it seemed to tune 1:1 on an antenna which was marginal on the standard Z-817 (even though they are spec'd the same resistance range). So I have paid the difference and have the 70w version of the ATU coming which is probably more versatile anyway with the extra power handling etc.

73

Mike
M0SAZ

--- In LDG-auto-tuners@yahoogroups.com, "m0saz" <michael@...> wrote:
>
> Just to say the dealer narrowed the fault down to the CAT cable, but just in case it was the socket are going to swap the unit out in its entirety. Great service. Great tuners... LDG are quality products I have come to depend on!
>
> Mike
> M0SAZ
>
> --- In LDG-auto-tuners@yahoogroups.com, "m0saz" <michael@> wrote:
> >
> > OK replying to my own post here, but just to note I just tried setting the radio to 5w and the tuner seems much more responsive - strange, because I was sure the tuner put the radio into PKT mode and reduced the power. I was running it at 2.5w but the tuner seems fussy.
> >
> > Anyone got any similar experiences?
> >
> > Thanks,
> >
> > Mike
> > M0SAZ
> >
> > --- In LDG-auto-tuners@yahoogroups.com, "m0saz" <michael@> wrote:
> > >
> > > Hi all,
> > >
> > > I have a number of LDG tuners, AT-200 pro, Z-11 pro and a Z-817 (as well as previously owned an AT-100 pro etc) and having used them, I wouldn't use another brand. Anyway, a while back I sold my FT-817ND and my Z-817 and having missed them bought the

FT-817ND a few months ago and the Z-817 tuner recently.
> > >
> > > I am having problems whereby the rig isn't always switching to packet mode, I sometimes am having to push full tune a second time before it will kick in. Instead of tuning, the red LED will blink, indicating no RF. I can't see anything wrong with the FT-817ND and I have sent the Z-817 back to the dealers who say it checks out fine.
> > >
> > > I have tried using the FT-817ND with PSU in case the batteries weren't driving the rig well enough but to no avail. Memory tuning on the Z-817 seems a bit hit and miss also.
> > >
> > > From memory, the previous Z-817 tuner I owned was much more responsive than this. I can post a video explaining what I mean if it helps. I am not saying the tuner is at fault, it could be the radio, but I would like to know if I am missing something. All leads are pushed in well and I have tried different antennas.
> > >
> > > 73
> > >
> > > Mike
> > > M0SAZ
> > >
> >
>

5076. tuning 20 meters with LDG pro II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-11-17 17:20:12 UTC
From: markwm1g
Topic: 5076 Message: 5076

Hi, I am a new user. Had a question about tuning the pro II with the s-9 at 31'. I am working the other bands fine and spoke with Japan on 12 meters, so I know that the system is ok, with one exception. I can not tune 20 meters at all...frustrating. Wonder if anyone has had any luck with changing coaxial feed line length?.

Thanks,
Mark Stone
WM1G

5077. Re: tuning 20 meters with LDG pro II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-11-19 12:01:47 UTC
From: bsip_9
Topic: 5076 Message: 5077

Hi Mark, I also have the Pro 2, an excellent little tuner.
Have you installed your S9 with all required radials, recommended 4:1 UN/UN and 50feet odd of co-ax? On 20M the your S9 looks much like an end-fed half wave with the resultant high impedance appearing at the feedpoint. The Pro-2 is unable to match that without help! There are other better ways but the LDG recommended installation set-up goes some way to deal with the high impedance by bringing the feedpoint on this (and other bands) to a point where the Pro-2 has a fighting chance to find a match. If you're familiar with EZNEC and TLW, plug the numbers in and you'll see how hard the Pro 2 has to work!,

If you've installed the antenna according to LDG instructions, you have a different problem. Check all connectors/connections and for dodgy co-ax.

Hope you get it sorted soon.
See you on 20M!
73,
Wes.
GW3RIH.

--- In LDG-auto-tuners@yahoogroups.com, "markwm1g" <markwm1g@...> wrote:
>
> Hi, I am a new user. Had a question about tuning the pro II with the s-9 at 31'. I am working the other bands fine and spoke with Japan on 12 meters, so I know that the system is ok, with one exception. I can not tune 20 meters at all...frustrating. Wonder if anyone has had any luck with changing coaxial feed line length?.
>
> Thanks,
> Mark Stone
> WM1G
>

5078. Help with SWR bridge adjustment on AT-11MP

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-11-20 22:08:17 UTC
From: Philip
Topic: 5078 Message: 5078

Hi all.

I have a AT-11MP. Need to readjust the SWR bridge.
The manual states with 100 Watts adjust the preset for 4.5 Volts on the FWD test point, this has power meter why off the end. If I adjust the preset so the meter shows 100 watts the FWD test point reads 1.6 volts.
This ATU has firmware V1.6 fitted. Are the voltages correct.

Philip g7jur.

5079. Just 1 tuner ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-11-20 22:11:33 UTC
From: Rich
Topic: 5079 Message: 5079

I have an Ft-817 and an Ft-857.
I have a LDG tuner for the 817 and use an atas 120 for the 857.
I want a tuner that I can use for either radio including if I use a brick on the 817.
Planning on using the radio{s} with hustler style mobile antennas.
I know I could contact LDG but thought I'd rather run it past the
group first.
The tuner for the 817 is the one for low power.
Any ideas on just one tuner for both ?

Rich KC8HMJ

5080. Re: Just 1 tuner ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-11-21 09:46:47 UTC
From: m0saz
Topic: 5079 Message: 5080

If I had just one, I think I would go for the Z-11 Pro II. It will handle 100w, run on batteries if needed for portable work and the tuning range is among the maximum for the LDG range 6-100 ohms. The lead that comes with it will run on the FT-857 to automatically key the radio when you use the tune button and I am pretty sure there is a cable you can get for the FT-817 (but even if there isn't, the tuner is fully automatic anyway)....

Thanks,

Mike
M0SAZ

--- In LDG-auto-tuners@yahoogroups.com, "Rich" <radioman@...> wrote:
>
> I have an Ft-817 and an Ft-857.
> I have a LDG tuner for the 817 and use an atas 120 for the 857.
> I want a tuner that I can use for either radio including if I use a brick on the 817.
Planning on using the radio{s} with hustler style mobile antennas.
> I know I could contact LDG but thought I'd rather run it past the
> group first.
> The tuner for the 817 is the one for low power.
> Any ideas on just one tuner for both ?
>
> Rich KC8HMJ
>

5081. Re: [LDG-auto-tuners] Re: Just 1 tuner ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-11-21 11:36:56 UTC
From: Tom Peterson
Topic: 5079 Message: 5081

I just got a Z11 Pro II two weeks or so ago. I needed a replacement to fill in while my AT-100 Pro II was en route back to the mother ship for repairs. It now no longer comes with the Yaesu cable by default, only the Icom cable. There was a little green sticker on the destruction manual that informed me that the Y-ACC interface is now optional. But I would recommend the Z11 Pro II as well. Nice little tuner that works 0.1 to 125 watts and you can use it portable if you install a battery pack...what more could you want?

On 11/21/2011 3:46 AM, m0saz wrote:
> If I had just one, I think I would go for the Z-11 Pro II. It will handle 100w, run on batteries if needed for portable work and the tuning range is among the maximum for the LDG range 6-100 ohms. The lead that comes with it will run on the FT-857 to automatically key the radio when you use the tune button and I am pretty sure there is a cable you can get for the FT-817 (but even if there isn't, the tuner is fully automatic anyway)....
>
> Thanks,
>
> Mike
> M0SAZ

5082. Re: Just 1 tuner ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-11-21 13:34:57 UTC
From: ve3wmb
Topic: 5079 Message: 5082

You can't go wrong with Z11 PRO II. Works well for QRP and QRO (up to 125W) its compact but has a lot of features and a decent price.

Michael VE3WMB

--- In LDG-auto-tuners@yahoogroups.com, "Rich" <radioman@...> wrote:
>
> I have an Ft-817 and an Ft-857.
> I have a LDG tuner for the 817 and use an atas 120 for the 857.
> I want a tuner that I can use for either radio including if I use a brick on the 817. Planning on using the radio{s} with hustler style mobile antennas.
> I know I could contact LDG but thought I'd rather run it past the
> group first.
> The tuner for the 817 is the one for low power.
> Any ideas on just one tuner for both ?
>
> Rich KC8HMJ
>

5083. Re: Just 1 tuner ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-11-21 14:19:48 UTC
From: kb0naz
Topic: 5079 Message: 5083

I use the Z11 Pro on my 817 and FT-450
Scott KB0NAZ
--- In LDG-auto-tuners@yahoogroups.com, "Rich" <radioman@...> wrote:
>
> I have an Ft-817 and an Ft-857.
> I have a LDG tuner for the 817 and use an atas 120 for the 857.
> I want a tuner that I can use for either radio including if I use a brick on the 817.
Planning on using the radio{s} with hustler style mobile antennas.
> I know I could contact LDG but thought I'd rather run it past the
> group first.
> The tuner for the 817 is the one for low power.
> Any ideas on just one tuner for both ?
>
> Rich KC8HMJ
>

5084. Re: Help with SWR bridge adjustment on AT-11MP

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-11-25 18:56:45 UTC
From: ve_3_dsh
Topic: 5078 Message: 5084

Philip, mine gives 1.87v at 100w into a 50 ohm load. That's pretty much the same, allowing for tolerances between diode lots. I don't have a service manual; Is this supposed to be a 1:1 matched condition?

--- In LDG-auto-tuners@yahoogroups.com, "Philip" <philip.g7jur@...> wrote:
>
> Hi all.
>
> I have a AT-11MP. Need to readjust the SWR bridge.
> The manual states with 100 Watts adjust the preset for 4.5 Volts on the FWD test point, this has power meter why off the end. If I adjust the preset so the meter shows 100 watts the FWD test point reads 1.6 volts.
> This ATU has firmware V1.6 fitted. Are the voltages correct.
>
> Philip g7jur.
>

5085. ANT bypass

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-11-26 07:23:04 UTC
From: horst_vk2hl
Topic: 5085 Message: 5085

"If the tuner is on and the Ant LED is on, it means Ant1 is selected.
If the LED is off, it means Ant2 is selected. If the power is off,
the Ant LED is also going to be off, so that's Ant2. It's the same
LED meaning if the unit is on or off.

Dwayne Kincaid
LDG"

I take it that this is different on the 600pro?
But it still defaults to ANT2?

5086. Re: Help with SWR bridge adjustment on AT-11MP

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-11-26 22:23:02 UTC
From: Philip
Topic: 5078 Message: 5086

Many thanks for the feedback.

Yes that is the the voltage with the the ATU into 50 ohms, and set to bypass (cap and ind switches pressed down).
Then the Input and output is swapped over and the REV test point set to the same voltage as measured on the FWD test point.

I built this from a kit back in 2003, but some how I have lost the construction notes, but LDG e-mailed me a copy. But no schematics.

Again many thanks Philip g7jur.

--- In LDG-auto-tuners@yahoogroups.com, "ve_3_dsh" <ve3dsh@...> wrote:
>
> Philip, mine gives 1.87v at 100w into a 50 ohm load. That's pretty much the same, allowing for tolerances between diode lots. I don't have a service manual; Is this supposed to be a 1:1 matched condition?
>
> --- In LDG-auto-tuners@yahoogroups.com, "Philip" <philip.g7jur@> wrote:
> >
> > Hi all.
> >
> > I have a AT-11MP. Need to readjust the SWR bridge.
> > The manual states with 100 Watts adjust the preset for 4.5 Volts on the FWD test point, this has power meter why off the end. If I adjust the preset so the meter shows 100 watts the FWD test point reads 1.6 volts.
> > This ATU has firmware V1.6 fitted. Are the voltages correct.
> >
> > Philip g7jur.
> >
>

5087. 160 meter coil for S9 43'

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-11-27 17:24:03 UTC
From: johndave
Topic: 5087 Message: 5087

I bought a 160 meter coil from the original owner of S9. I have used it to make a contact, and it works well.

It cost me $40. but I will sell it to anyone that wants it for $50.
delivered.

I want to return the S9 to multiband use by removing the coil. It's very easy to set up - simply install it between the green wire and the balun, and I have printed directions I received with it.

John/WX4O
wx4o@...

5088. Z-100Plus or Z-11 Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-11-28 23:44:44 UTC
From: lowpowerop
Topic: 5088 Message: 5088

Ordered and received the Z-100 Plus but perhaps I should have purchased the Z-11 Pro. This tuner will be used mostly for qrp both at home and in the field. Will be tuning dipoles and ladderline doublets. I read in the specs the Z-11 Pro will tune up to 1000 ohm whereas the 100 Plus to 800 ohms. Also the Z-11 Pro has manual adjustment of L and C whereas the Z-100 Plus does not.

Like to hear from users the pros and cons of these two tuners.

thank you

5089. LDG Wattmeter for QRP

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-11-28 23:46:23 UTC
From: lowpowerop
Topic: 5089 Message: 5089

Anyone suggest a wattmeter for me for qrp?

5090. Power Supply for AT-200, 600 and 1000 Models

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-11-29 01:13:07 UTC
From: Dwayne
Topic: 5090 Message: 5090

Hi All,

We've had a few people ask about power supplies for the AT-200, 600 and 1000 series tuners. While www.cheapham.com carries a wall mount power supply for the 100 watt tuners, nothing is readily available for the higher powered tuners.

Many people use the same power supply that powers the radio, but not everyone has that choice if the power supply is built in.

After ordering many models and testing for a few weeks, we have chose to recommend a wall mount DC power supply from Jameco (www.jameco.com). The model number is 1953663 and costs about $15. It's 12 volts DC, 1000 mA and has a 2.5 x 5.5 mm, center positive plug on it.

Dwayne Kincaid
LDG

5091. Re: Z-100Plus or Z-11 Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-11-29 09:39:49 UTC
From: m0saz
Topic: 5088 Message: 5091

Hi, there was a thread not so long ago where someone asked if we could have only one LDG tuner what one would it be, there was a unanimous response - the Z11 Pro. I have it and it is a wonderful piece of kit. I have or have had many LDG tuners, and it would be my one to keep if I had the choice. You can also put a battery holder inside the Z11, just like the Z100 and use it totally portable if needed.

With the adjustments, SWR range indicator and the amazing tuning range I would go with Z11 (if the seller will swap it over). If not the Z100 will give you a great service.

Thanks,

Mike
M0SAZ

--- In LDG-auto-tuners@yahoogroups.com, "lowpowerop" <lowpowerop@...> wrote:
>
> Ordered and received the Z-100 Plus but perhaps I should have purchased the Z-11 Pro. This tuner will be used mostly for qrp both at home and in the field. Will be tuning dipoles and ladderline doublets. I read in the specs the Z-11 Pro will tune up to 1000 ohm whereas the 100 Plus to 800 ohms. Also the Z-11 Pro has manual adjustment of L and C whereas the Z-100 Plus does not.
>
> Like to hear from users the pros and cons of these two tuners.
>
> thank you
>

5092. Re: [LDG-auto-tuners] Z-100Plus or Z-11 Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-11-29 13:50:38 UTC
From: Glenn AE0Q
Topic: 5088 Message: 5092

Hi,

The weight and tuning range of both tuners are almost the same (and both use latching-relays), so a choice comes down to the manual tuning or not. I have the original AT-11 and also the Z-11Pro, and I have to say that I rarely use the manual tuning capability of either one of them. When using a full-size 80m Carolina Windom, a wire 1/4 wavelength 80m vertical in a tree, or a 40m dipole fed with a 4:1 balun and wound around the inside and outside of my house, the auto-tuning of the tuners has always been my preferred method.

73 - Glenn AE0Q

On Mon, Nov 28, 2011 at 4:44 PM, lowpowerop <lowpowerop@...> wrote:

> **
>
>
> Ordered and received the Z-100 Plus but perhaps I should have purchased
> the Z-11 Pro. This tuner will be used mostly for qrp both at home and in
> the field. Will be tuning dipoles and ladderline doublets. I read in the
> specs the Z-11 Pro will tune up to 1000 ohm whereas the 100 Plus to 800
> ohms. Also the Z-11 Pro has manual adjustment of L and C whereas the Z-100
> Plus does not.
>
> Like to hear from users the pros and cons of these two tuners.
>
> thank you
> __.
>

--
"Remember, any tool can be the right tool!" Red Green

AE0Q ex: GM5BKC, ZB2WZ, V31RY, SV0WY, WA0VPK
ae0q@... --SOWP 5558-M, ARRL LM, QCWA LM, OOTC, NCVA--
http://www.radiotipsandtales.com

[Non-text portions of this message have been removed]

5093. Re: LDG Wattmeter for QRP

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-11-29 14:33:22 UTC
From: kb0naz
Topic: 5089 Message: 5093

I need a good QRP meter for my 817,so I'd be interested in suggestions also.

Scott KB0NAZ

--- In LDG-auto-tuners@yahoogroups.com, "lowpowerop" <lowpowerop@...> wrote:
>
> Anyone suggest a wattmeter for me for qrp?
>

5094. Re: LDG Wattmeter for QRP

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-11-29 15:50:20 UTC
From: lowpowerop
Topic: 5089 Message: 5094

To add on to this topic...
from what I can see the only commercial qrp wattmeters that is available for QRP and QRPp are the OHR WM-2 and N8LP's LP-100a vector rf wattmeter which is very nice but also priced at $435.

--- In LDG-auto-tuners@yahoogroups.com, "lowpowerop" <lowpowerop@...> wrote:
>
> Anyone suggest a wattmeter for me for qrp?
>

5095. RE: [LDG-auto-tuners] Re: LDG Wattmeter for QRP

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-11-29 17:33:30 UTC
From: Rick Johnson
Topic: 5089 Message: 5095

I use the Daiwa CN101L which has a 0 - 15W range.

73,
Rick W3BI

To: LDG-auto-tuners@yahoogroups.com
From: lowpowerop@...
Date: Tue, 29 Nov 2011 15:50:20 +0000
Subject: [LDG-auto-tuners] Re: LDG Wattmeter for QRP

To add on to this topic...

from what I can see the only commercial qrp wattmeters that is available for QRP and QRPp are the OHR WM-2 and N8LP's LP-100a vector rf wattmeter which is very nice but also priced at $435.

--- In LDG-auto-tuners@yahoogroups.com, "lowpowerop" <lowpowerop@...> wrote:

>

> Anyone suggest a wattmeter for me for qrp?

>

[Non-text portions of this message have been removed]

5096. Re: [LDG-auto-tuners] Re: LDG Wattmeter for QRP

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-11-29 23:16:35 UTC
From: Glenn AE0Q
Topic: 5089 Message: 5096

The RFConcepts / Alpha 4510 wattmeter is extremely accurate and has full-scale ranges all the way down to 0.3w, with analog AND digital readout. Each RF board is individually calibrated over temperature and frequency variations, too.

It's expensive, but it is a laboratory-grade piece of ham equipment!

73 - Glenn AE0Q

P.S. Yes, I do work at Alpha. I have run many of the wattmeters through their production calibration routine and they really are as accurate as the specs state!

On Tue, Nov 29, 2011 at 8:50 AM, lowpowerop <lowpowerop@...> wrote:

> **
>
>
> To add on to this topic...
> from what I can see the only commercial qrp wattmeters that is available
> for QRP and QRPp are the OHR WM-2 and N8LP's LP-100a vector rf wattmeter
> which is very nice but also priced at $435.
>
>
> --- In LDG-auto-tuners@yahoogroups.com, "lowpowerop" <lowpowerop@...>
> wrote:
> >
> > Anyone suggest a wattmeter for me for qrp?
> >
>
>
>

--
"Remember, any tool can be the right tool!" Red Green

AE0Q ex: GM5BKC, ZB2WZ, V31RY, SV0WY, WA0VPK
ae0q@... --SOWP 5558-M, ARRL LM, QCWA LM, OOTC, NCVA--
http://www.radiotipsandtales.com

[Non-text portions of this message have been removed]

5099. LDG Tuners come without battery holders.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-11-29 23:56:25 UTC
From: lowpowerop
Topic: 5099 Message: 5099

Be aware when purchasing an LDG Tuner that states it will run off batteries there is no battery holder included and your vendor more than likely will not stock them. You must contact your local Radio Shack or other to find, purchase, and install.

I found one at Mouser.Com for $1.82 plus shipping for my Z-100 Plus.

Thank You

5100. Re: LDG Tuners come without battery holders.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-11-30 02:46:26 UTC
From: Dwayne
Topic: 5099 Message: 5100

John,

That is not entirely true. The Z-817 and Z-817H come with the battery holder already in place (but does not include batteries).

The Z-11ProII and Z-100Plus have the option for the user to add an internal battery pack if they wish. The manual for both clearly show that it is an option and how to install it.

Thanks for the Mouser info.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "lowpowerop" <lowpowerop@...> wrote:
>
> Be aware when purchasing an LDG Tuner that states it will run off batteries there is no battery holder included and your vendor more than likely will not stock them. You must contact your local Radio Shack or other to find, purchase, and install.
>
> I found one at Mouser.Com for $1.82 plus shipping for my Z-100 Plus.
>
> Thank You
>

5101. Re: LDG Tuners come without battery holders.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-11-30 03:12:41 UTC
From: lowpowerop
Topic: 5099 Message: 5101

Thanks for the info Dwayne. I should have read the manual before purchasing my tuner.

john

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
> John,
>
> That is not entirely true. The Z-817 and Z-817H come with the battery holder already in place (but does not include batteries).
>
> The Z-11ProII and Z-100Plus have the option for the user to add an internal battery pack if they wish. The manual for both clearly show that it is an option and how to install it.
>
> Thanks for the Mouser info.
>
> Dwayne Kincaid
> LDG

5102. RE: [LDG-auto-tuners] No battery pack for the LDG Tuners?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-11-30 03:16:58 UTC
From: Rick Johnson
Topic: 5102 Message: 5102

As a nice thing to do .... you could put the Mouser part number up for those that will need it and save them 45 minutes.

73,
Rick W3BI

To: LDG-auto-tuners@yahoogroups.com
From: lowpowerop@...
Date: Tue, 29 Nov 2011 23:38:19 +0000
Subject: [LDG-auto-tuners] No battery pack for the LDG Tuners?

Decided to keep the Z-100 Plus tuner which I purchased. Took off the top cover to install the 6 AA batteries only to find there is no battery holder. Called the company whom I purchased it from to order the battery holder and they don't stock it and neither does LDG. So what does a customer like myself do? Called my local Radio Shack and they did not have one. Went to Mouser.Com and spent 45 minutes looking for one. Found one for $1.82 plus shipping.

So I have to find the battery pack, order it, and install it and as a customer I should not have to do this especially when it's advertised as "It will run on any voltage source from 7 to 18 volts; six AA batteries will run it for a year of normal use." There should have been a disclaimer stating "The battery holder is not included with this tuner. Customer must purchase and install it." I could then have made the decision to purchase or not to purchase.

The manual which was included with the tuner tells me the battery pack is optional! LOL. After I purchase the tuner then I find there is no battery pack.

LDG tuners are the best of their kind. I have used them. Four years ago I purchased this same excellent tuner which came with the battery pack installed. Perhaps the vendor I purchased it from did it on his own as a service.

Other's should be made aware they will have to do the leg work when they purchase any LDG tuner which operates on batteries. So be prepared to look for, purchase, and install that battery pack.

Will I buy LDG? YES.

[Non-text portions of this message have been removed]

5103. Re: No battery pack for the LDG Tuners?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-11-30 03:42:58 UTC
From: lowpowerop
Topic: 5102 Message: 5103

Well it would be nicer if they would put the part number in the manual and state in their advertising that the battery holder is not included and the buyer must install it himself. Some people don't read the manual before making a purchase. On the other hand I purchased this same model three years ago and it came with a battery holder installed.
Thank You I am sure.

--- In LDG-auto-tuners@yahoogroups.com, Rick Johnson <w3bi.rick@...> wrote:
>
>
> As a nice thing to do .... you could put the Mouser part number up for those that will need it and save them 45 minutes.
>
> 73,
> Rick W3BI
>
> To: LDG-auto-tuners@yahoogroups.com
> From: lowpowerop@...
> Date: Tue, 29 Nov 2011 23:38:19 +0000
> Subject: [LDG-auto-tuners] No battery pack for the LDG Tuners?
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>
>
>
> So I have to find the battery pack, order it, and install it and as a customer I should not have to do this especially when it's advertised as "It will run on any voltage source from 7 to 18 volts; six AA batteries will run it for a year of normal use." There should have been a disclaimer stating "The battery holder is not included with this tuner. Customer must purchase and install it." I could then have made the decision to purchase or not to purchase.
>
>
>
> The manual which was included with the tuner tells me the battery pack is optional! LOL. After I purchase the tuner then I find there is no battery pack.
>
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> LDG tuners are the best of their kind. I have used them. Four years ago I purchased this same excellent tuner which came with the battery pack installed. Perhaps the vendor I purchased it from did it on his own as a service.
>
>
>
> Other's should be made aware they will have to do the leg work when they purchase any LDG tuner which operates on batteries. So be prepared to look for, purchase, and install that battery pack.
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> Will I buy LDG? YES.
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> [Non-text portions of this message have been removed]
>

5104. Re: No battery pack for the LDG Tuners?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-11-30 03:52:29 UTC
From: lowpowerop
Topic: 5102 Message: 5104

Decided to send the Z-100 Plus back to the vendor tomorrow. Thanks to all who responded to my questions. I will now unsubscribe from this forum. Enjoy your tuners.

5105. Re: [LDG-auto-tuners] LDG Wattmeter for QRP

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-11-30 04:17:41 UTC
From: Steve
Topic: 5089 Message: 5105

The inexpensive DL1 dummy load kit from Elecraft has a feature to permit accurate measurement of RF power.

Steve
aa8af

On Nov 28, 2011, at 6:46 PM, lowpowerop wrote:

> Anyone suggest a wattmeter for me for qrp?
>

5106. For Mark WM1G Re Feeding the SP 31 Foot Vertical.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-11-30 18:20:11 UTC
From: bsip_9
Topic: 5106 Message: 5106

Sent: 29 November 2011 21:48

Subject: RE: tuning 20 meters with LDG pro II

Hi Mark,
Tried to respond to you off-line but the mail bounced as undeliverable!

For sure it's frustrating but that's transmission lines for you! As you've discovered, the impedance at the input to the co-ax feeder changes dramatically as you change bands. You don't mention whether you are familiar with EZnec and Transmission Lines for Windows (TLW). If you regularly "play" with antennas, it really is worth becoming familiar with both of these software tools as they will accurately calculate the co-ax input impedance on any band and the loss due to the co-ax having a high VSWR. Knowing the input impedance would enable you to determine what you need to do to get the impedance to a point where the LDG could produce a match where required.

If convenient, you could battery power the LDG and locate it at the base of the antenna, which would eliminate the feeder, then see how the LDG performs on each band. 20 Meters will still be high impedance but it will be mainly resistive and the tuner may just have the range to find a match. You could also experiment by locating a multi-ratio un-un e.g. 1:1 4:1 16:1 at the base of the antenna or at the operating position, after the LDG.

Short of using some other tuner having a much wider matching range, other options start to get a bit complicated.

In the past I have placed a relay (dc powered thro the co-ax,) at the bottom of a similar vertical which switched in a parallel tuned circuit on the band presenting the high impedance. When unpowered, the relay contacts are arranged to open circuit the matching network and connect the co-ax directly to the antenna.

Stick at it Mark, when you crack the problem you'll have a very effective antenna system.

Regards and 73,
Wes.
GW3RIH.

5107. AT-1000PRO problem.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-11-30 19:20:38 UTC
From: n0fjp
Topic: 5107 Message: 5107

After using my AT-1000Pro for quite some time, I have a problem.
I started everything up as normal, Tune the antenna, then turn on the amp. Amp was set to about 700W into dummy load. Go in-line with the amp and I got a loud pop from the left rear of the tuner. In checking inside there are 3 parts that are showing smoke. R1, C2 maybe D2 and R2.
I love the tuner and have had no problems up to this point.
Any ideas what may have happened? SWR on all are still good. Radio still working fine.
N0FJP

5108. Re: No battery pack for the LDG Tuners?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-11-30 19:26:44 UTC
From: k2lrv
Topic: 5102 Message: 5108

Of all of the features of the LDG tuners out there you are going to return it because it does not have a $2 battery holder? Are there any other auto tuners out there that will work on a couple of AA batteries? This is a minor item, and with LDG not including it, I am sure it is because most users are not utilzing a battery pack, and as a company made the economical choise to remove it, and let the user impliment what ever battery pack they wanted/needed. Personally I would rather have this and be allowed to make my own personal choice on what battery I wanted to use.

5109. Interfacing an FT-890 to an LDG tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-11-30 19:41:13 UTC
From: k2lrv
Topic: 5109 Message: 5109

My father owns an FT-890, and I am considering purchasing him an LDG tuner as a gift. The FT-890 has a tuner port on the rear tht has the following signals (pulled from the manual)

1) GND
2) +13V
3) Data
4) GND
5) GNDED by FC-800

The radio has the built in tuner, but is has the rather limited 3:1 range, making it not the best option for use with a single antenna usind on multiple bands.

What would be the simiplist tuner to use with this radio?

Thanks,

Lou
K2LRV

5110. Re: [LDG-auto-tuners] Re: No battery pack for the LDG Tuners?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-11-30 20:41:18 UTC
From: Tom Peterson
Topic: 5102 Message: 5110

Yes. Well close enough anyway. The Elecraft T1 autotuner works on a single 9v battery.

Sent from my Batcomputer

On Nov 30, 2011, at 1:26 PM, "k2lrv" <k2lrv@...> wrote:

> Are there any other auto tuners out there that will work on a couple of AA batteries?

5111. I figured I should share the wealth...

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-12-03 07:00:26 UTC
From: marshallglowplug@yahoo.ca
Topic: 5111 Message: 5111

Hey there...
it was time to leave all my worries behind id still be miserable if I hadnt found this now
im the most respected guy around imagine what you could do
http://jindal.com/profile/18DarrenMorgan/
bye
[Non-text portions of this message have been removed]

5112. Re: No battery pack for the LDG Tuners?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-12-03 13:47:49 UTC
From: Cliff Hedgepeth
Topic: 5102 Message: 5112

Most modern radios run off of 12 volts so why not hook the thing to your radio power supply and forget batteries?

Cliff
K4MLD

--- In LDG-auto-tuners@yahoogroups.com, Tom Peterson <tom@...> wrote:
>
> Yes. Well close enough anyway. The Elecraft T1 autotuner works on a single 9v battery.
>
> Sent from my Batcomputer
>
> On Nov 30, 2011, at 1:26 PM, "k2lrv" <k2lrv@...> wrote:
>
> > Are there any other auto tuners out there that will work on a couple of AA batteries?
>

5113. Re: [LDG-auto-tuners] Re: No battery pack for the LDG Tuners?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-12-03 18:20:58 UTC
From: Scott L. Marriam
Topic: 5102 Message: 5113

I'm thinking the Radio Shack was either manned by someone who has no clue about the stuff back in the parts bins, or Tandy, in their infinite wisdom, discontinued the battery holder. (I'm a former store manager, so excuse my tone..LOL)

de Scott WA2DTN

On Tue, 2011-11-29 at 23:45 +0000, lowpowerop wrote:
> On my original post when I say "battery pack,,,I mean battery holder".
>

5114. Re: [LDG-auto-tuners] Re: No battery pack for the LDG Tuners?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-12-03 18:23:34 UTC
From: Scott L. Marriam
Topic: 5102 Message: 5114

P.S: I don't have the instructions from my Z-11 handy, but I think it
DOES mention you need to supply the holder.

I simply tapped off the power cord to my FT-900. Power supply or
battery, doesn't matter in my installation. Something to consider,
unless you were just looking to keep cabling to a minimum.

de Scott

On Tue, 2011-11-29 at 23:45 +0000, lowpowerop wrote:
> On my original post when I say "battery pack,,,I mean battery holder".
>
> Sorry.
>
>
>
> --- In LDG-auto-tuners@yahoogroups.com, "lowpowerop" <lowpowerop@...> wrote:
> >
> > Decided to keep the Z-100 Plus tuner which I purchased. Took off the top cover to install the 6 AA batteries only to find there is no battery holder. Called the company whom I purchased it from to order the battery holder and they don't stock it and neither does LDG. So what does a customer like myself do? Called my local Radio Shack and they did not have one. Went to Mouser.Com and spent 45 minutes looking for one. Found one for $1.82 plus shipping.
> >
> > So I have to find the battery pack, order it, and install it and as a customer I should not have to do this especially when it's advertised as "It will run on any voltage source from 7 to 18 volts; six AA batteries will run it for a year of normal use." There should have been a disclaimer stating "The battery holder is not included with this tuner. Customer must purchase and install it." I could then have made the decision to purchase or not to purchase.
> >
> > The manual which was included with the tuner tells me the battery pack is optional! LOL. After I purchase the tuner then I find there is no battery pack.
> >
> > LDG tuners are the best of their kind. I have used them. Four years ago I purchased this same excellent tuner which came with the battery pack installed. Perhaps the vendor I purchased it from did it on his own as a service.
> >
> > Other's should be made aware they will have to do the leg work when they purchase any LDG tuner which operates on batteries. So be prepared to look for, purchase, and install that battery pack.
> >
> > Will I buy LDG? YES.
> >
>

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>
> Yahoo! Groups Links
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5115. new owner of yt-100

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-12-03 02:38:04 UTC
From: bitonw
Topic: 5115 Message: 5115

hi,

i just bought the yt-100 for my ft-100.

73 2e0wao

5116. I figured I should share the wealth...

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-12-04 03:26:55 UTC
From: Tom Ed Moore, K5BM, 405 364 0504
Topic: 5111 Message: 5116

What the Hell is this?

Tom, k5bm

Life is not how long you live. Life is how long you enjoy how you live.
Tom Ed Moore
(c) 10 February 2008

[Non-text portions of this message have been removed]

5117. Re: [LDG-auto-tuners] I figured I should share the wealth...

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-12-04 03:34:03 UTC
From: Richard W. Solomon
Topic: 5111 Message: 5117

If you opened it, odds are you are infected.

73, Dick, W1KSZ

-----Original Message-----
>From: "Tom Ed Moore, K5BM, 405 364 0504" <k5bm@...>
>Sent: Dec 3, 2011 8:26 PM
>To: LDG-auto-tuners@yahoogroups.com
>Subject: [LDG-auto-tuners] I figured I should share the wealth...
>
>What the Hell is this?
>
>Tom, k5bm
>
>Life is not how long you live. Life is how long you enjoy how you live.
> Tom Ed Moore
> (c) 10 February 2008
>
>[Non-text portions of this message have been removed]
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>Yahoo! Groups Links
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5118. Z11 Pro II for sale.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-12-04 03:42:18 UTC
From: k4rjj@comcast.net
Topic: 5052 Message: 5118

I am going to go for a 200 watt unit. I put this Z11 Pro II on QRZ.com. $120 shipped CONUS is what I'm asking Paypal only. I use another address for Paypal so write me off list for that.

k4rjj at comcast dot net

----- Original Message -----

From: "Ken" <ve5kc@ham-radio.ca>
To: LDG-auto-tuners@yahoogroups.com
Sent: Saturday, November 12, 2011 12:40:24 AM
Subject: [LDG-auto-tuners] Re: Question about using ATU with TenTec Omni D

Hi Ronny,

Auto tuners will tune in SSB mode.. You still want to keep the power down.. You just have to whistle.. talk anything to get some power going out of the radio. So if you changed bands, or moved frequency in a band enough, as soon as you started taking, the tuner will start tuning if necessary.

For SWR protection, no mod is needed.. this is the way Ten Tec has done it with there rigs for years and it worked well. For base operation it is nice to use the Ten Tec Power Supply design for the radio. It has the built in over current protection. For mobile or any other operation without the TT PS get a fast action DC circuit breaker of the correct rating (18a). TT should still sell them.

The finals, (transistor for the person who mention tubes) are very rugged. As long as you do not exceed the max current, for a period of time, you will not damage the finals. This radio is not that picky what SWR it sees, it is the current you have to watch. If you have to, you can operate at lower power with a bad SWR and still get on the air. You don't hear much talk about blowing Ten Tec finals.

One example.. a Ten Tec Omni was used at school for the kids ham club. One day in the rush to leave the class something was accidentally knocked on to the CW key and not noticed. The rig was set for break in so it keyed.. It was over an hour before the teacher discovered the mistake shutting things down for the day. During the whole time the radio had been putting out a 100 watt carrier. No damage was done to the radio, it was not even excessively hot.

The power output is rated at 100 watts but I forgot that this is a very conservative rating, mine did more, especially with with an outboard Rf speech processor.. You may well want to look at tuners that have a 200 watt rating, to be on the safe side..

73 - Ken - VE5KC
- MM Hamsoft - http://hamsoft.ca
- VE5KC - http://ham-radio.ca
- Amateur Radio Link - http://amateur-radio.ca

--- In LDG-auto-tuners@yahoogroups.com , Ronny Julian <k4rjj@...> wrote:
>
> This is very good info Ken. Thanks! I will get one as soon as I can. I wonder if there are any mods or add on circuits to give this radio a way to shut down or fold back power on high SWR? I'm going to put up as much wire as I can in a horizontal loop and feed it with 450 ohm ladder line as a first try.
>
> So there is no way that I can leave the radio in SSB and tune on the fly?
>
> Ronny Julian
> K4RJJ
>
>
> On 11/11/2011 02:30 AM, Ken wrote:
> >
> > CW works just fine for tuning.
> >
> > Switch to CW mode, reduce the power first... then hold down the your
> > CW key until the tuning process is finished. The auto tuner will tune
> > up fine.
> >
> > The Ten Tec Omni D was a great rig.. I owned one 25 years ago and had
> > lots of fun with it. It has very rugged finals but in case you do not
> > know.. the Ten Tec Omni D does not have any SWR protection. It depends
> > on the power supply overload tripping on high current. If you are not
> > using the Ten Tec power supply.. be sure to get a DC circuit breaker.
> > This will save you a lot of fuses.
> >
> > My choice of LDG tuner is the Z11 Pro. (I have 2 of them) It will work
> > with any radio, doe not require a radio interface cable. It will even
> > work with a QRP rig so does not need much power for tuning up.
> >
> > 73 - Ken - VE5KC
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> > ----
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> [Non-text portions of this message have been removed]
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[Non-text portions of this message have been removed]

5119. Re: [LDG-auto-tuners] Z11 Pro II for sale.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-12-04 05:01:26 UTC
From: k4rjj@comcast.net
Topic: 5052 Message: 5119

Sold. I'll get my 200 watt unit in a few weeks. Maybe with a different HF radio as well.

----- Original Message -----

From: k4rjj@...
To: LDG-auto-tuners@yahoogroups.com
Cc: LDG-auto-tuners@yahoogroups.com
Sent: Saturday, December 3, 2011 10:42:18 PM
Subject: [LDG-auto-tuners] Z11 Pro II for sale.

I am going to go for a 200 watt unit. I put this Z11 Pro II on QRZ.com. $120 shipped CONUS is what I'm asking Paypal only. I use another address for Paypal so write me off list for that.

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Sent: Saturday, November 12, 2011 12:40:24 AM
Subject: [LDG-auto-tuners] Re: Question about using ATU with TenTec Omni D

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- MM Hamsoft - http://hamsoft.ca
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> Ronny Julian
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> > ----
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> [Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

5120. My Tuner Saga

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-12-04 21:14:05 UTC
From: Tom Peterson
Topic: 5120 Message: 5120

Thought I'd share this with all of you.

I happened on a Icom 706MKIIg for sale on ebay. One of those buy it now deals. It came with an LDG AT-100ProII. Op selling it claimed that he thought the cable between the tuner and the rig was bad. The price was right for the radio alone so I went for the buy it now price. It showed up, I hooked everything up and it all seemed to work OK. The only issue it had was that the tuner didn't like to play on 15M at times. I lived with it. So what if I had to push the tune button on 15M twice every now and then to get a match. So far so good. I sold my AT-11 auto tuner...and let me tell you, I still miss that thing. I think I could have tuned a rock with it. I'm sorry I ever let it go. That was the best $50 I ever spent.

Well, after using the 100ProII for a while it suddenly started to refuse to tune on all bands. I checked the LDG website and it said that
> Non-warranty Repair
>
> 1. Average repair cost is $30.00. This covers most small parts. We
> will contact you with the cost for fixing your unit. The customer is
> responsible to pay for return shipping on non-warranty repairs

I could live with that, even though I swear I read that average repair cost was $50. I ordered a Z-11ProII to fill in for the AT-100 as it was affordable, would play better with my Flex 1500 for those times when I wasn't going to use my Elecraft T1, and would make a better back up tuner to use during contests with the 706 than my MFJ 949E. As soon as it arrived, I packaged the 100ProII and mailed it out. I also mailed out my form for a free balun for purchasing a new LDG tuner.

Anyway, 3 weeks or so go by and I haven't heard anything, but I'm not worried yet as I'm sure the post is getting bogged down with Christmas catalogs, Black Friday ads, what have you. Finally I come home from work and see that I have an email from LDG. Optimistically I open it. My hopes are dashed and my heart skips a beat or two when I read

> We have checked the AT-100Pro Tuner that you sent us for repair.
> Unfortunately, this unit is not repairable.

As Charlie Brown would say,
Arrrrrrrrrrrrrrrrrrrrrgggggggggggggggggggggggghhhhhhhhhhhhhhhhhhhhh!!!!!!!!!!

Further down, it said the following

> We can offer you a new tuner under our Replacement Program at a
> discounted price. Your tuner is a trade in towards the new unit. The
> costs for a new unit are as follows:

>
> Quantity Model
> Retail Discounted Price
>
> 1 New AT-100ProII Auto Tuner $
> 229.99 $ 85.00
>
> Shipping cost is $ 12.00 for UPS Ground, making the total $ 97.00.
>
OK, I was already planning on spending a minimum of $50 (even though the web site said average cost to repair was $30, I thought it said $50) I pulled the trigger and sent LDG the $97 for a band new tuner. It's on the way, my new balun arrived Thursday last, and my Z-11ProII is working flawlessly with my 706 and my 1500.

By comparison, I accidentally applied some downward pressure on the headphone jack on my Flex 1500 and broke it. Flex wanted $85 to fix it as it was literally days out of warranty. Oh well...nothing a little superglue to get me by until my 95 cent replacement jack ordered from Mouser gets here.

Thanks LDG for the great service and the great, well built, robust products.

73
Tom
KC9ECI
(insert arbitrary club membership numbers here)

[Non-text portions of this message have been removed]

5121. Re: [LDG-auto-tuners] My Tuner Saga

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-12-04 23:41:34 UTC
From: cpu_nut
Topic: 5120 Message: 5121

Thanks for the report within your experience.

I've also always found LDG to be a stand-up company.

Craig

--- On Sun, 12/4/11, Tom Peterson <tom@galesvillefiredepartment.org> wrote:

> From: Tom Peterson <tom@galesvillefiredepartment.org>
> Subject: [LDG-auto-tuners] My Tuner Saga
> To: LDG-auto-tuners@yahoogroups.com
> Date: Sunday, December 4, 2011, 4:14 PM
> Thought I'd share this with all of
> you.
>
> I happened on a Icom 706MKIIg for sale on ebay. One
> of those buy it now
> deals. It came with an LDG AT-100ProII. Op
> selling it claimed that he
> thought the cable between the tuner and the rig was
> bad. The price was
> right for the radio alone so I went for the buy it now
> price. It showed
> up, I hooked everything up and it all seemed to work
> OK. The only issue
> it had was that the tuner didn't like to play on 15M at
> times. I lived
> with it. So what if I had to push the tune button on
> 15M twice every
> now and then to get a match. So far so good. I
> sold my AT-11 auto
> tuner...and let me tell you, I still miss that thing.
> I think I could
> have tuned a rock with it. I'm sorry I ever let it
> go. That was the
> best $50 I ever spent.
>
> Well, after using the 100ProII for a while it suddenly
> started to refuse
> to tune on all bands. I checked the LDG website and
> it said that
> > Non-warranty Repair
> >
> > 1. Average repair cost is $30.00. This covers most
> small parts. We
> > will contact you with the cost for fixing your unit.

> The customer is
> > responsible to pay for return shipping on non-warranty
> repairs
>
> I could live with that, even though I swear I read that
> average repair
> cost was $50. I ordered a Z-11ProII to fill in for
> the AT-100 as it was
> affordable, would play better with my Flex 1500 for those
> times when I
> wasn't going to use my Elecraft T1, and would make a better
> back up
> tuner to use during contests with the 706 than my MFJ
> 949E. As soon as
> it arrived, I packaged the 100ProII and mailed it
> out. I also mailed
> out my form for a free balun for purchasing a new LDG
> tuner.
>
> Anyway, 3 weeks or so go by and I haven't heard anything,
> but I'm not
> worried yet as I'm sure the post is getting bogged down
> with Christmas
> catalogs, Black Friday ads, what have you. Finally I
> come home from
> work and see that I have an email from LDG.
> Optimistically I open it.
> My hopes are dashed and my heart skips a beat or two when I
> read
>
> > We have checked the AT-100Pro Tuner that you sent us
> for repair.
> > Unfortunately, this unit is not repairable.
>
> As Charlie Brown would say,
> Arrrrrrrrrrrrrrrrrrrrrgggggggggggggggggggggggghhhhhhhhhhhhhhhhhhhhh!!!!!!!!!!!
>
> Further down, it said the following
>
> > We can offer you a new tuner under our Replacement
> Program at a
> > discounted price. Your tuner is a trade in
> towards the new unit. The
> > costs for a new unit are as follows:
> >
> > Quantity
> Model
>
>
> > Retail

> Discounted Price
> >
> > 1
> New AT-100ProII Auto Tuner
> $
> > 229.99 $
> 85.00
> >
> > Shipping cost is $ 12.00 for UPS Ground, making the
> total $ 97.00.
> >
> OK, I was already planning on spending a minimum of $50
> (even though the
> web site said average cost to repair was $30, I thought it
> said $50)
> I pulled the trigger and sent LDG the $97 for a band new
> tuner. It's on
> the way, my new balun arrived Thursday last, and my
> Z-11ProII is working
> flawlessly with my 706 and my 1500.
>
> By comparison, I accidentally applied some downward
> pressure on the
> headphone jack on my Flex 1500 and broke it. Flex
> wanted $85 to fix it
> as it was literally days out of warranty. Oh
> well...nothing a little
> superglue to get me by until my 95 cent replacement jack
> ordered from
> Mouser gets here.
>
> Thanks LDG for the great service and the great, well built,
> robust products.
>
> 73
> Tom
> KC9ECI
> (insert arbitrary club membership numbers here)
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>

> LDG-auto-tuners-fullfeatured@yahoogroups.com
>
>
>

5122. Tuner Saga-Tom (KC9ECI)

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-12-05 13:47:47 UTC
From: bsip_9
Topic: 5122 Message: 5122

Hi Tom,
LDG did much the same for me with a Z11-Pro2. I doubt that there is a better company of it's type out there and would recommend them to anyone.
See you on 15M!

Wes.
GW3RIH.

5123. AT-600Pro problem

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-12-04 02:00:37 UTC
From: n4ndx
Topic: 5123 Message: 5123

I purchased this tuner about 1 year and so ago and just noticed that the unit is not tuning, the antenna is only tuning on the bands that were already pre-tuned prior to find out that it was not working properly. I have used my amp to a max of 630 watts on 20m a couple of times and under 600 watts on all other bands. Any suggestions???????

David/n4ndx

5124. Re: [LDG-auto-tuners] AT-600Pro problem

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-12-05 20:07:24 UTC
From: doug pfaff
Topic: 5123 Message: 5124

call LDG Tech Support they know there equipment and how it works.

doug ve5dcp

----- Original Message -----
From: n4ndx
To: LDG-auto-tuners@yahoogroups.com
Sent: Saturday, December 03, 2011 8:00 PM
Subject: [LDG-auto-tuners] AT-600Pro problem

I purchased this tuner about 1 year and so ago and just noticed that the unit is not tuning, the antenna is only tuning on the bands that were already pre-tuned prior to find out that it was not working properly. I have used my amp to a max of 630 watts on 20m a couple of times and under 600 watts on all other bands. Any suggestions???????

David/n4ndx

[Non-text portions of this message have been removed]

5125. swl

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-12-10 20:42:08 UTC
From: jimenezjo15
Topic: 5125 Message: 5125

The tuners in the range LDG offer any advantages over conventional manual tuners, for listening SWL with the Kenwood R5000?

thank you

5126. Re: [LDG-auto-tuners] swl

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-12-11 18:48:37 UTC
From: Don Sanders
Topic: 5125 Message: 5126

Jimenezjo, save your money. The LDG tuners require a RF transmitted signal to start a tune cycle.
Look at the manual tuners that MFJ and Veritronics (related companies) sell for SWL.
Some have a preamp along with the manual tuner. With one of those you can peak the signal at
what ever frequency you ar listening.
The advantage of the LDG is with changing transmitter frequencies and the tuner will automatically follow.
Not so with SWL. I use a MFJ - 1020A, older preamp type with short whip, or 40 foot wire, on my SWL receiver.
I also have the LDG AT 100 Pro for my transceiver tuner. Really a great tuner.
Dr Don HC4/W4BWS

On Sat, Dec 10, 2011 at 3:42 PM, jimenezjo15 <jimenezjo15@...> wrote:

> **
>
>
> The tuners in the range LDG offer any advantages over conventional manual
> tuners, for listening SWL with the Kenwood R5000?
>
> thank you
>
>
>

[Non-text portions of this message have been removed]

5127. RE: [LDG-auto-tuners] swl

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-12-11 15:25:13 UTC
From: Bill Husted
Topic: 5125 Message: 5127

It's not going to tune unless you send some RF through it - so it wouldn't be appropriate.

Bill KQ4YA

The tuners in the range LDG offer any advantages over conventional manual tuners, for listening SWL with the Kenwood R5000?

5128. Re: [LDG-auto-tuners] swl

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-12-11 21:15:42 UTC
From: Giuseppe Marullo
Topic: 5125 Message: 5128

I always wondered about the CAT based ones, would they track the frequency while I receive if have tuned that frequency? Which advantage could it be vs a "normal" one if RF is accessible in both to address the tuning?

With my FT-857D, when faced with the idea to have the CAT port busy doing the tuner thing, I decided for the AT-100Pro and never regretted the choice over the CAT based one (YT-100?).

When switching band, obviously the signals are not okay until I quickly transmit briefly, and this is one of the things maybe a CAT based tuner could avoid.

Giuseppe Marullo
IW2JWW

5129. Re: AT-1000PRO problem.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-12-15 09:52:09 UTC
From: grahmd@yahoo.com
Topic: 5107 Message: 5129

whatever it was doesn't sound good re smoke you may want to call them and see what ldg says , I have had a sim problem i tune it the tuner shows a good match at 1.1 -1 and the tuner will start going into tune mode while i am talking this happens with 100 w and when i have the amp on at different levels of wattage very anoying when it trips the amp and the output meter is frozen at 10w only had the tuner for about a week and am very disapointed in the this aspect of it's performance , not good when you feel your equipment is unreliable anyone else had this issue ???

graham va3gjb

--- In LDG-auto-tuners@yahoogroups.com, "n0fjp" <racer5039@...> wrote:
>
> After using my AT-1000Pro for quite some time, I have a problem.
> I started everything up as normal, Tune the antenna, then turn on the amp. Amp was set to about 700W into dummy load. Go in-line with the amp and I got a loud pop from the left rear of the tuner. In checking inside there are 3 parts that are showing smoke. R1, C2 maybe D2 and R2.
> I love the tuner and have had no problems up to this point.
> Any ideas what may have happened? SWR on all are still good. Radio still working fine.
> N0FJP
>

5130. Re: AT-1000PRO problem.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-12-16 02:37:31 UTC
From: k2lrv
Topic: 5107 Message: 5130

feels like RF in the shack to me.

--- In , . wrote:
>
> whatever it was doesn't sound good re smoke you may want to call them and see what ldg says , I have had a sim problem i tune it the tuner shows a good match at 1.1 -1 and the tuner will start going into tune mode while i am talking this happens with 100 w and when i have the amp on at different levels of wattage very anoying when it trips the amp and the output meter is frozen at 10w only had the tuner for about a week and am very disapointed in the this aspect of it's performance , not good when you feel your equipment is unreliable anyone else had this issue ???
>
> graham va3gjb
>
> --- In , "n0fjp" <racer5039@> wrote:
> >
> > After using my AT-1000Pro for quite some time, I have a problem.
> > I started everything up as normal, Tune the antenna, then turn on the amp. Amp was set to about 700W into dummy load. Go in-line with the amp and I got a loud pop from the left rear of the tuner. In checking inside there are 3 parts that are showing smoke. R1, C2 maybe D2 and R2.
> > I love the tuner and have had no problems up to this point.
> > Any ideas what may have happened? SWR on all are still good. Radio still working fine.
> > N0FJP
> >
>

5131. Re: AT-1000PRO problem.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-12-16 02:38:56 UTC
From: k2lrv
Topic: 5107 Message: 5131

feels like RF in the shack to me.

--- In , . wrote:
>
> whatever it was doesn't sound good re smoke you may want to call them and see what ldg says , I have had a sim problem i tune it the tuner shows a good match at 1.1 -1 and the tuner will start going into tune mode while i am talking this happens with 100 w and when i have the amp on at different levels of wattage very anoying when it trips the amp and the output meter is frozen at 10w only had the tuner for about a week and am very disapointed in the this aspect of it's performance , not good when you feel your equipment is unreliable anyone else had this issue ???
>
> graham va3gjb
>
> --- In , "n0fjp" <racer5039@> wrote:
> >
> > After using my AT-1000Pro for quite some time, I have a problem.
> > I started everything up as normal, Tune the antenna, then turn on the amp. Amp was set to about 700W into dummy load. Go in-line with the amp and I got a loud pop from the left rear of the tuner. In checking inside there are 3 parts that are showing smoke. R1, C2 maybe D2 and R2.
> > I love the tuner and have had no problems up to this point.
> > Any ideas what may have happened? SWR on all are still good. Radio still working fine.
> > N0FJP
> >
>

5132. Re: [LDG-auto-tuners] LDG Z-817 tuner problem

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-12-16 13:22:24 UTC
From: doug pfaff
Topic: 4982 Message: 5132

Why not download the LDG manual from there web site.Why not just call LDG and discuss it with them.

The LDG manual tune mode on mine(KT100 model) specify's a low power cw mode to tune when not using the auto mode.

Maybe your 5 watts is too low to activate the tuner

Doug ve5dcp

----- Original Message -----
From: Terence Hall
To: LDG-auto-tuners@yahoogroups.com
Sent: Wednesday, October 19, 2011 5:29 PM
Subject: Re: [LDG-auto-tuners] LDG Z-817 tuner problem

Hi Don,
I just tried holding in the PTT to transmit and then pushing the tune button on the LDG tuner but none of the LED's came on. When I originally started using this tuner the LED's were coming on but now nothing. Without a schematic I do not want to go poking around in the tuner unless I know what I am doing (even though I am a retired EE).
Any other suggestions?
73 Terry K6MA

On Oct 19, 2011, at 4:02 PM, Don Sanders wrote:

> The tuner requires the Tx to be sending a carrier for it to start
> tuning.
> Some radios have a cable that connects from the tuner to the radio
> that will start a qrp transmission when you push the tune button.
> Make sure your flex radio will accept this command AND TURN ON AND
> TRANSMIT.
> My LDG PRO requires this and I'm sure the Z-817 does also.
>
> Dr Don HC4/W4BWS.
>
> On Tue, Oct 18, 2011 at 4:49 PM, Terry <twiffer@...> wrote:
>
>> **
>>
>>
>> I purchased the LDG Z-817 tuner originally for my FT-817 radio but
>> never
>> used it. Recently I purchased a FlexRadio 1500 SDR which puts out 5
>> Watts
>> maximum. I hooked it up and everything seemed to work well.

>> However, now
>> none of the LED's come on when I press the tune button. Yes, they
>> are new
>> batteries and I checked them again to make sure. I have used the
>> tuner for
>> less than one hour and have not transmitted with it as I am still
>> learning
>> to use the FlexRadio. The tuner does appear to be working, but none
>> of the
>> LED's light up. I am using a center fed offset dipole fed by 450
>> ohm ladder
>> line with a 4:1 balun and 50 Ohm coax to the antenna tuner. I use
>> this
>> antenna with my FT-897 radio and LDG tuner with no problem. Any
>> suggestions?
>> Terry Hall K6MA
>>
>>
>>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
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>
>

[Non-text portions of this message have been removed]

5133. Re: LDG Z-817 tuner problem

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-12-17 13:55:50 UTC
From: ve3wmb
Topic: 4982 Message: 5133

Try CW mode. If you are just keying the PTT on the microphone on SSB you will have no output unless you are speaking. Either CW or AM modes should work fine as 5W is plenty for these tuners.

Michael VE3WMB

--- In LDG-auto-tuners@yahoogroups.com, "Terry" <twiffer@...> wrote:
>
> I purchased the LDG Z-817 tuner originally for my FT-817 radio but never used it. Recently I purchased a FlexRadio 1500 SDR which puts out 5 Watts maximum. I hooked it up and everything seemed to work well. However, now none of the LED's come on when I press the tune button. Yes, they are new batteries and I checked them again to make sure. I have used the tuner for less than one hour and have not transmitted with it as I am still learning to use the FlexRadio. The tuner does appear to be working, but none of the LED's light up. I am using a center fed offset dipole fed by 450 ohm ladder line with a 4:1 balun and 50 Ohm coax to the antenna tuner. I use this antenna with my FT-897 radio and LDG tuner with no problem. Any suggestions?
> Terry Hall K6MA
>

5134. At-897 tuner memory

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-12-18 00:53:58 UTC
From: rywessel
Topic: 5134 Message: 5134

Hi-

I just picked up a used Yaesu 897 with a AT-897 auto tuner with what appears to be a simple 1/8 stereo patch cable to connect to the ACC and the OTT jacks along with a ACC cable.

What I can't figure out is the how the At-897 stores and recalls memories.

For example:

Select a band and frequency (I will call this #1) and I press the tune button on the AT-897 and searches for a solution resulting in a good SWR.

I go to another band frequency (#2) and re-tune. After 3-6 secs of sounds it tunes nicely.

When I go back to the original frequency (#1) and press the tune button momentarily. Nothing happens and the unit is still tuning to the #2 frequency. I press for a bit longer and it goes for 3-6 secs to tune.

I can't figure out how to get the quick 1/2-1 sec memory tunning.

thoughts?

thanks,

robin

5135. RE: [LDG-auto-tuners] At-897 tuner memory

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-12-18 15:33:23 UTC
From: Ken Bandy, KJ9B
Topic: 5134 Message: 5135

Hi Robin. If you have an original AT-897, it has no memory. You will have to tune it at every change. Still a very nice combo, though. I use that same combo for my portable ops.

73,
Ken
KJ9B

-----Original Message-----
From: rywessel [mailto:robin.wessel@...]
Sent: Saturday, December 17, 2011 7:54 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] At-897 tuner memory

Hi-

I just picked up a used Yaesu 897 with a AT-897 auto tuner with what appears to be a simple 1/8 stereo patch cable to connect to the ACC and the OTT jacks along with a ACC cable.

What I can't figure out is the how the At-897 stores and recalls memories.

For example:

Select a band and frequency (I will call this #1) and I press the tune button on the AT-897 and searches for a solution resulting in a good SWR.

I go to another band frequency (#2) and re-tune. After 3-6 secs of sounds it tunes nicely.

When I go back to the original frequency (#1) and press the tune button momentarily. Nothing happens and the unit is still tuning to the #2 frequency. I press for a bit longer and it goes for 3-6 secs to tune.

I can't figure out how to get the quick 1/2-1 sec memory tunning.

thoughts?

thanks,

robin

5136. Re: At-897 tuner memory

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-12-18 17:03:57 UTC
From: rywessel
Topic: 5134 Message: 5136

Thanks for the info.

Bummer. . . However it does tune.

I thought I did my research before I bought it since the manual says it supported memory tuning. For the few bucks I saved, I could have bought a newer one with memories but it appears that it is difficult to know if it supports it or not since there is no model number distinction.

Can this unit still be upgraded? From the archive it appears that there is a replacment chip.

thanks,

robin

--- In LDG-auto-tuners@yahoogroups.com, "Ken Bandy, KJ9B" <kj9b@...> wrote:
>
> Hi Robin. If you have an original AT-897, it has no memory. You will have
> to tune it at every change. Still a very nice combo, though. I use that
> same combo for my portable ops.
>
> 73,
> Ken
> KJ9B
>
> -----Original Message-----
> From: rywessel [mailto:robin.wessel@...]
> Sent: Saturday, December 17, 2011 7:54 PM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: [LDG-auto-tuners] At-897 tuner memory
>
> Hi-
>
> I just picked up a used Yaesu 897 with a AT-897 auto tuner with what appears
> to be a simple 1/8 stereo patch cable to connect to the ACC and the OTT
> jacks along with a ACC cable.
>
> What I can't figure out is the how the At-897 stores and recalls memories.
>
> For example:
>
> Select a band and frequency (I will call this #1) and I press the tune
> button on the AT-897 and searches for a solution resulting in a good SWR.
>
> I go to another band frequency (#2) and re-tune. After 3-6 secs of sounds it

> tunes nicely.
>
> When I go back to the original frequency (#1) and press the tune button
> momentarily. Nothing happens and the unit is still tuning to the #2
> frequency. I press for a bit longer and it goes for 3-6 secs to tune.
>
> I can't figure out how to get the quick 1/2-1 sec memory tunning.
>
> thoughts?
>
> thanks,
>
> robin
>

5137. Z100 plus

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-12-19 03:52:27 UTC
From: Cliff Hedgepeth
Topic: 5137 Message: 5137

Had a problem with my Z100 plus. Not sure what caused it.Worked fine for a year and a half.Then one night I noticed smoke while working cw on 40 and it quit. Opened case and saw one of the coils had been hot. Emailed LDG, they sent me instructions on returning, which I did. Got the thing back in a week, good as new. Covered by warranty.

Praise for LDG.

Cliff Hedgepeth
K4MLD

5138. Re: At-897 tuner memory

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-12-19 15:20:55 UTC
From: David Zahler
Topic: 5134 Message: 5138

Robin,

Actually the short/quick press of the tune button takes the tuner out of circuit. Unfortunately the design of this tuner does not allow for any indication that you are, in fact, in bypass mode.

David
w2dz

--- In LDG-auto-tuners@yahoogroups.com, "rywessel" <robin.wessel@...> wrote:
>
> Hi-
>
> I just picked up a used Yaesu 897 with a AT-897 auto tuner with what appears to be a simple 1/8 stereo patch cable to connect to the ACC and the OTT jacks along with a ACC cable.
>
> What I can't figure out is the how the At-897 stores and recalls memories.
>
> For example:
>
> Select a band and frequency (I will call this #1) and I press the tune button on the AT-897 and searches for a solution resulting in a good SWR.
>
> I go to another band frequency (#2) and re-tune. After 3-6 secs of sounds it tunes nicely.
>
> When I go back to the original frequency (#1) and press the tune button momentarily. Nothing happens and the unit is still tuning to the #2 frequency. I press for a bit longer and it goes for 3-6 secs to tune.
>
> I can't figure out how to get the quick 1/2-1 sec memory tunning.
>
> thoughts?
>
> thanks,
>
> robin
>

5139. Re: At-897 tuner memory

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-12-19 22:03:05 UTC
From: Dwayne
Topic: 5134 Message: 5139

Hi Ken,

That's close, but all AT-897's have some sort of memory. You are correct that on all AT-897's you must tune it at every change.

The difference is the older AT-897 (plain) has a stack memory of about 200. That is, if it finds a match, it simply stores it. When it finds another match, it increments a counter and stores it in the next spot. When it reaches the final spot, the counter starts over. So you continually have the latest 200 memories stored.

In this method, when you do a memory tune, the most recent memory is recalled and it goes backwards through the stack until it find a match. This takes about a half second.

If no match is found, the tuner will do a full tune (2 to 6 seconds), and store it at the current counter's spot if it's a good match.

The newer Plus model uses a frequency counter and stores the memories by frequency. So when you tune to 7.100 it saves it for 7.100 (+/- 50 KHz). When you do a memory tune, it looks at then memory position for 7.100 Mhz. If it does not find a match, it does a full tune and saves it in the position for 7.100.

Hope this helps clear the differences in type of memories.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "Ken Bandy, KJ9B" <kj9b@...> wrote:
>
> Hi Robin. If you have an original AT-897, it has no memory. You will have
> to tune it at every change. Still a very nice combo, though. I use that
> same combo for my portable ops.
>
> 73,
> Ken
> KJ9B
>
> -----Original Message-----
> From: rywessel [mailto:robin.wessel@...]
> Sent: Saturday, December 17, 2011 7:54 PM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: [LDG-auto-tuners] At-897 tuner memory
>
> Hi-
>
> I just picked up a used Yaesu 897 with a AT-897 auto tuner with what appears
> to be a simple 1/8 stereo patch cable to connect to the ACC and the OTT
> jacks along with a ACC cable.

>
> What I can't figure out is the how the At-897 stores and recalls memories.
>
> For example:
>
> Select a band and frequency (I will call this #1) and I press the tune
> button on the AT-897 and searches for a solution resulting in a good SWR.
>
> I go to another band frequency (#2) and re-tune. After 3-6 secs of sounds it
> tunes nicely.
>
> When I go back to the original frequency (#1) and press the tune button
> momentarily. Nothing happens and the unit is still tuning to the #2
> frequency. I press for a bit longer and it goes for 3-6 secs to tune.
>
> I can't figure out how to get the quick 1/2-1 sec memory tunning.
>
> thoughts?
>
> thanks,
>
> robin
>

5140. power light on AT-1000 Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-12-20 21:54:15 UTC
From: kb1sbg
Topic: 5140 Message: 5140

Just purchased a new AT-1000Pro. The power light stays on and does not toggle power to the unit. Any thoughts?

5141. Re: [LDG-auto-tuners] power light on AT-1000 Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-12-20 23:32:14 UTC
From: Jimmy (WB8NBI)
Topic: 5140 Message: 5141

Try holding the button n for about 3 or 4 seconds, then it should turn off.

DE Jimmy (WB8NBI)

From: kb1sbg
Sent: Tuesday, December 20, 2011 4:54 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] power light on AT-1000 Pro

Just purchased a new AT-1000Pro. The power light stays on and does not toggle power to the unit. Any thoughts?

[Non-text portions of this message have been removed]

5142. Web Update

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-12-21 00:24:31 UTC
From: Dwayne
Topic: 2104 Message: 5142

Just a small update this month. We added videos for the Z-11ProII and an update video for the AT-200ProII.

We also regrouped the tuners into Generic models and Radio specific models. Hopefully it will easier to find the information.

Dwayne Kincaid
LDG

5143. Re: [LDG-auto-tuners] power light on AT-1000 Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-12-21 12:42:05 UTC
From: doug pfaff
Topic: 5140 Message: 5143

did you read your operating manual ?
if not download it from ldg;s web site.

doug ve5dcp
----- Original Message -----
From: kb1sbg
To: LDG-auto-tuners@yahoogroups.com
Sent: Tuesday, December 20, 2011 3:54 PM
Subject: [LDG-auto-tuners] power light on AT-1000 Pro

Just purchased a new AT-1000Pro. The power light stays on and does not toggle power to the unit. Any thoughts?

[Non-text portions of this message have been removed]

5144. Fwd: Happy Users

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-12-22 23:11:30 UTC
From: Don Sanders
Topic: 5144 Message: 5144

Another happy user, other than me.
Dr Don HC4/W4BWS
---------- Forwarded message ----------
From: Mike-WE0H <we0h@...>
Date: Thu, Dec 22, 2011 at 1:53 PM
Subject: Re: [S9Antennas] Re: Posted some pictures of the install
To: S9Antennas@yahoogroups.com

**

You'll be fine. 5:1 SWR is a piece of cake for an LDG tuner as well as other well designed tuners. That is the whole idea behind this S9v antenna design and others like it; use a 4:1 Unun which brings the feedpoint impedance across the HF Amateur Bands down to a level the tuner can handle. Using either a short or very low loss longer coax from the Unun to the tuner will result in barely any feedline loss. The tuner could be mounted outside connected directly to the Unun to eliminate the small feedline loss but that is not necessary.

What tuner are you using? LDG I am guessing? I own a pair of them. Damn good quality. My portable setup is a 44' dipole fed with 300 ohm twinlead into a 4:1 LDG Balun then into a 10' length of RG-58 to a LDG RT-11 that I put the board in a aluminum case with external LED's & the tune button. It tunes 40m thru 6 meters like a piece of cake and gives me excellent signal reports with my '817ND :)

It is nice having companies like LDG to sell us affordable good quality products.

Happy Holidays,
Mike-WE0H ..

KB4OIF wrote:
>
>
> OK. Moved the wire and got SOME improvement on 10 meters, 12 meters.
> 2.5 to 1 generally on both those bands. On 15 meters, in the extra class
> range 2.9 to 3.4 to 1. On 17 meters, it 5.0 to 1 across the whole band.
> On 20 meters, it's 5:1 across the whole band. On 40 meters, it 4.5 to
> 4.3 to 1 across the band.
>
> John
> KB4OIF
> Proud Vietnam Vet
> Freedom is not free, someone paid!!!
> There would be no freedom without the military........

> In God, we trust
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

5145. Re: power light on AT-1000 Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-12-21 13:27:08 UTC
From: kb1sbg
Topic: 5140 Message: 5145

I figured it out thanks for the help.
--- In LDG-auto-tuners@yahoogroups.com, "doug pfaff" <doug.pfaff@...> wrote:
>
> did you read your operating manual ?
> if not download it from ldg;s web site.
>
> doug ve5dcp
> ----- Original Message -----
> From: kb1sbg
> To: LDG-auto-tuners@yahoogroups.com
> Sent: Tuesday, December 20, 2011 3:54 PM
> Subject: [LDG-auto-tuners] power light on AT-1000 Pro
>
>
>
> Just purchased a new AT-1000Pro. The power light stays on and does not toggle power to the unit. Any thoughts?
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

5146. Re: Web Update

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-12-23 00:29:04 UTC
From: Dwayne
Topic: 2104 Message: 5146

We also updated the video for the AT-100ProII.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
> Just a small update this month. We added videos for the Z-11ProII and an update video for the AT-200ProII.
>
> We also regrouped the tuners into Generic models and Radio specific models. Hopefully it will easier to find the information.
>
> Dwayne Kincaid
> LDG
>

5147. Re: Web Update

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-12-23 10:31:09 UTC
From: m0saz
Topic: 2104 Message: 5147

Hi Dwayne,

Thanks for the info. I am a subscriber of yours on YouTube. If you ever wanted anecdotal evidence this new media helps sales here goes...

I purchased an AT-200 Pro earlier this year, before the pro II was released or at least available from my dealer. I saw the pro II on your website and in dealer ads and thought nothing off the extra LEDs, until I saw the video on YouTube.

I saw the need to switch antennas to see which one I was on was not needed, and then thinking I would really like to know when the tuner is running in bypass mode. I bought the new model the same evening as watching the video and subsequently put my less than one year old AT-200 on eBay (it is currently on there now with 5 days to go).

I have received the AT-200 Pro II today and look forward to using it, along with my other LDG tuners, the Z11 Pro II and the Z-817H. I have also had the pleasure of owning the AT-100Pro and the standard Z-817, only sold because of upgrading to newer/bigger LDG products.

Big fan of the products, and thanks for the insightful videos.

73

Mike
M0SAZ

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
> We also updated the video for the AT-100ProII.
>
> Dwayne Kincaid
> LDG
>
> --- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@> wrote:
> >
> > Just a small update this month. We added videos for the Z-11ProII and an update video for the AT-200ProII.
> >
> > We also regrouped the tuners into Generic models and Radio specific models. Hopefully it will easier to find the information.
> >
> > Dwayne Kincaid
> > LDG
> >
>

5148. Remote Tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-12-23 17:44:31 UTC
From: n0we
Topic: 5148 Message: 5148

This relates both to my Z100+ tuner and my S9 antenna. I am thinking about using my tuner remote (next to the antenna). This will br for portable operation only. LDG shows you how to make the remote switch. I will be using this with a Yaesu 857D. My question is can I extend the Yaesu interface cable 50' and still have it work. If all it's doing is shorting out the circuit I should be fine. I am not exactly sure how it works. From what I read if you hit the tune button on the tuner it will make the radio sent out a low power tone.

Jim
N0WE

5149. Re: Remote Tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-12-28 00:37:16 UTC
From: Dwayne
Topic: 5148 Message: 5149

Jim,

You should be able to build what you need and have it operate 50 feet away. Use at least # 20 wire with shield.

Connecting a control to the ACC port does not lower the RF power when tuning. However, that is fine as the radio will lower the RF power any time the SWR is high (that includes when the tuner is tuning).

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "n0we" <n0we@...> wrote:
>
> This relates both to my Z100+ tuner and my S9 antenna. I am thinking about using my tuner remote (next to the antenna). This will br for portable operation only. LDG shows you how to make the remote switch. I will be using this with a Yaesu 857D. My question is can I extend the Yaesu interface cable 50' and still have it work. If all it's doing is shorting out the circuit I should be fine. I am not exactly sure how it works. From what I read if you hit the tune button on the tuner it will make the radio sent out a low power tone.
>
> Jim
> N0WE
>

5150. RE: [LDG-auto-tuners] Re: Remote Tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-12-28 13:24:35 UTC
From: Jim Brown
Topic: 5148 Message: 5150

Thanks for the help. I was wondering if I use a standard interface cable for the 857 I will still need to activate the tuner. Can I run another cable that goes directly to the push button to activate the tuner?

Jim
N0WE

> To: LDG-auto-tuners@yahoogroups.com
> From: ldgyahoo@...
> Date: Wed, 28 Dec 2011 00:37:16 +0000
> Subject: [LDG-auto-tuners] Re: Remote Tuner
>
> Jim, >
> You should be able to build what you need and have it operate 50 feet away. Use at least # 20 wire with shield.
>
> Connecting a control to the ACC port does not lower the RF power when tuning. However, that is fine as the radio will lower the RF power any time the SWR is high (that includes when the tuner is tuning).
>
> Dwayne Kincaid
> LDG
>
>
> --- In LDG-auto-tuners@yahoogroups.com, "n0we" <n0we@...> wrote:
> >
> > This relates both to my Z100+ tuner and my S9 antenna. I am thinking about using my tuner remote (next to the antenna). This will br for portable operation only. LDG shows you how to make the remote switch. I will be using this with a Yaesu 857D. My question is can I extend the Yaesu interface cable 50' and still have it work. If all it's doing is shorting out the circuit I should be fine. I am not exactly sure how it works. From what I read if you hit the tune button on the tuner it will make the radio sent out a low power tone.
> >
> > Jim
> > N0WE
> >
>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
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>

>

[Non-text portions of this message have been removed]

5151. AT600Pro tuner interface

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-12-28 20:04:24 UTC
From: Stefan
Topic: 5151 Message: 5151

Hi,
I just got AT600Pro tuner and trying to interface it to my TS-2000 and ALS600 PA.
After reading your interface app. note, tried to build interface with PIC micro and I'm running in 2 major problems.
1. Making a 75ms pulse on START line will put the tuner in Bypass. The problem is that next 75ms pulse will turn it back online and there is no way to tell get the actual tuner status. I can't find a way to safely put the AT600Pro in bypass.

2. Using AT600Pro in Auto mode can trigger tune cycle at any time and KEY line will be not pulled down as described in app note. In auto mode there is no way to tell that tuner is actually tuning and switch PA off-line. Operating in SSB mode, tuning cycle can start at ANY time and power level, which is definitely not safe. I put the tuner in semi-automatic mode, because I want it to tune ONLY when started with external pulse AND with amplifier bypassed. Then I made following sequence:

Press tune button (or CAT command) on TS-2000 to start tune cycle
Pull AT600Pro START line low and switch PA in STANDBY
90ms later TS-2000 will start transmitting 10W carrier
After 500ms release START line to start tune cycle

Problem is that AT600Pro is not responding to this external command by pulling KEY low and there is no way to tell when tune cycle is completed.

At this point I'm stuck and can't resolve this problem... Please help.

73's and Happy New Year de AF6SA

5152. AT-897

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-12-31 12:24:21 UTC
From: n8mfn
Topic: 3408 Message: 5152

I have the AT-897 and for some reason it will not tune automaticaly but will hold the settings in memory but I have to push the tune button on the ldg to tune or recall the setting this tunner is not the new version
Thank
Rick
N8MFN

5153. Re: AT-897

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-12-31 14:05:14 UTC
From: davebb123456
Topic: 3408 Message: 5153

Hi rick
Ihave just looked at the manual
and the at-897 will not tune automaticaly you Do Have To Push The Tune Button To Make It Tune
THANKS DAVE 2E0DMB

5154. at-897 plus

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-12-31 14:43:44 UTC
From: n8mfn
Topic: 4022 Message: 5154

thanks for the responces to my last post. I guess the question now is if I get the at-897 plusand conect it up will it tune with just keying the rig and will it recall that setting when I change frequencies? I guess what I am asking dose the at897 work like the Z-11 pro?
Rick
N8MFN

5155. Re: [LDG-auto-tuners] at-897 plus

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-12-31 15:12:56 UTC
From: doug pfaff
Topic: 4022 Message: 5155

Hi Rick N8MFN

Put that question to the LDG tech support staff to get a proper answer.

Maybe you can get a cheap upgrade you won't know if you don't ask the manufacture.

They will give you better opinions as they know the gears history etc and compatibility with the various radios and nobody will be guessing or offering opinions that are possibly hearsay.

Doug VE5DCP

Doug Pfaff
doug.pfaff@...
----- Original Message -----
From: n8mfn
To: LDG-auto-tuners@yahoogroups.com
Sent: Saturday, December 31, 2011 8:43 AM
Subject: [LDG-auto-tuners] at-897 plus

thanks for the responces to my last post. I guess the question now is if I get the at-897 plusand conect it up will it tune with just keying the rig and will it recall that setting when I change frequencies? I guess what I am asking dose the at897 work like the Z-11 pro?
Rick
N8MFN

[Non-text portions of this message have been removed]

5156. Re: at-897 plus

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2011-12-31 17:09:46 UTC
From: Dwayne
Topic: 4022 Message: 5156

Hi Rick and Doug,

The user interface for the AT-897Plus works exactly like the AT-897.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "doug pfaff" <doug.pfaff@...> wrote:
>
>
>
> Hi Rick N8MFN
>
> Put that question to the LDG tech support staff to get a proper answer.
>
> Maybe you can get a cheap upgrade you won't know if you don't ask the manufacture.
>
> They will give you better opinions as they know the gears history etc and compatibility with the various radios and nobody will be guessing or offering opinions that are possibly hearsay.
>
> Doug VE5DCP
>
> Doug Pfaff
> doug.pfaff@...
> ----- Original Message -----
> From: n8mfn
> To: LDG-auto-tuners@yahoogroups.com
> Sent: Saturday, December 31, 2011 8:43 AM
> Subject: [LDG-auto-tuners] at-897 plus
>
>
>
> thanks for the responces to my last post. I guess the question now is if I get the at-897 plusand conect it up will it tune with just keying the rig and will it recall that setting when I change frequencies? I guess what I am asking dose the at897 work like the Z-11 pro?
> Rick
> N8MFN
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

5157. Z11Pro2 Temp senstive?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-01-04 04:37:36 UTC
From: mdgolfbum
Topic: 5157 Message: 5157

I'm finding my brand new Z11Pro2 to be temp sensitive. It won't tune below about 5:1 if cold but if I bring it in the house and let it warm up then take it back out it remembers it's proper tune for that frequency range and hits 1:1 no problem.

It's like a relay is stuck or something.

Does this sound plausible?

Jim ab3cv

5158. AT-1000 Pro Meter Lamp

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-01-06 14:25:00 UTC
From: VE3YF
Topic: 5158 Message: 5158

With the amount of people that have had to replace their Meter Lamp and after viewing the Youtube video on the procedure to replace it, I am going to bring down the voltage to the lamp. Does anyone including Dwayne know what voltage goes to the lamp. I am presuming it is a 12v lamp but without opening up the case to investigate, thought I would ask the question here. Another thought is to use a LED, has anyone tried to use a LED and if so how does it work out. Thanks.

73 De Mike
VE3YF

5159. Re: AT-1000 Pro Meter Lamp

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-01-06 21:48:41 UTC
From: gene_hinkle
Topic: 5158 Message: 5159

Mike,
I added an 7809 volt regulator (3-terminal)to the circuit in order to reduce the voltage to the lamp and to reduce the affect of 12 VDC voltage fluctuations from varying the lamp's intensity. This was accomplished with an add-on circuit using the connector on the PCBA just below the meter. It is normally driven from the 12 VDC source that feeds the autotuner. I will be happy to send you a photo of the circuit installation.
Gene
K5PA

--- In LDG-auto-tuners@yahoogroups.com, "VE3YF" <mike@...> wrote:
>
> With the amount of people that have had to replace their Meter Lamp and after viewing the Youtube video on the procedure to replace it, I am going to bring down the voltage to the lamp. Does anyone including Dwayne know what voltage goes to the lamp. I am presuming it is a 12v lamp but without opening up the case to investigate, thought I would ask the question here. Another thought is to use a LED, has anyone tried to use a LED and if so how does it work out. Thanks.
>
> 73 De Mike
> VE3YF
>

5160. Re: AT-1000 Pro Meter Lamp

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-01-07 01:40:03 UTC
From: Dwayne
Topic: 5158 Message: 5160

Hi Mike,

It's 12 volt DC bulb. However many people connect the tuner to the power supply that also runs the radio which is usually 13.8 volts. That causes the bulb to burn out quicker. Even if someone uses an external wall wart, an unregulated DC voltage can float around 15 volts and will burn them out pretty quickly.

We have asked the meter manufacture to convert to LED, but the samples that we got were unacceptable due to the very low emitted light.

So right now, we don't have good solution. I've added two 1N4001 in series to the bulb to drop the voltage by 1.4 volts and that seems to help some, but lowers the bulb intensity.

Looking back, we probably should have specified a 14 volt bulb, but then it would be pretty dim when used with 12.0 volts DC.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "VE3YF" <mike@...> wrote:
>
> With the amount of people that have had to replace their Meter Lamp and after viewing the Youtube video on the procedure to replace it, I am going to bring down the voltage to the lamp. Does anyone including Dwayne know what voltage goes to the lamp. I am presuming it is a 12v lamp but without opening up the case to investigate, thought I would ask the question here. Another thought is to use a LED, has anyone tried to use a LED and if so how does it work out. Thanks.
>
> 73 De Mike
> VE3YF
>

5161. AT-897

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-01-07 12:19:29 UTC
From: n8mfn
Topic: 3408 Message: 5161

Has anyone had a problem with this tunner on 60 mtrs it will tune just fine but dose not turnn the rug back to recive it stays into transmit after i turn the rig off and back on works till I tune 60 again works fine on all the bother bands

5162. Re: [LDG-auto-tuners] AT-897

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-01-07 13:06:47 UTC
From: Leonard K. Pennock
Topic: 3408 Message: 5162

I've had that kind of problem with other LDG tuners and it always traced
back to RFI in the Shack.

On 01/07/2012 05:19 AM, n8mfn wrote:
> Has anyone had a problem with this tunner on 60 mtrs it will tune just fine but dose not turnn the rug back to recive it stays into transmit after i turn the rig off and back on works till I tune 60 again works fine on all the bother bands
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

--
Leonard K. Pennock
AD7AS

Those who walk bravely through life, unafraid of loss or failure,
find that they very rarely lose or fail.

5163. Re: AT-1000 Pro Meter Lamp

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-01-07 20:13:05 UTC
From: trbarber30635
Topic: 5158 Message: 5163

Hello Gene,

Why not upload the pictures to the photos section of the list. I would like to make the mod to my tuner and I am sure it would be helpful to others as well.

Thanks for considering this,
Tom Barber - NT4OM
"Never Trust 4 Old Men"
"May All Your Signals Be Rare DX"

--- In LDG-auto-tuners@yahoogroups.com, "gene_hinkle" <k5pa@...> wrote:
>
>
> Mike,
> I added an 7809 volt regulator (3-terminal)to the circuit in order to reduce the voltage to the lamp and to reduce the affect of 12 VDC voltage fluctuations from varying the lamp's intensity. This was accomplished with an add-on circuit using the connector on the PCBA just below the meter. It is normally driven from the 12 VDC source that feeds the autotuner. I will be happy to send you a photo of the circuit installation.
> Gene
> K5PA
>
> --- In LDG-auto-tuners@yahoogroups.com, "VE3YF" <mike@> wrote:
> >
> > With the amount of people that have had to replace their Meter Lamp and after viewing the Youtube video on the procedure to replace it, I am going to bring down the voltage to the lamp. Does anyone including Dwayne know what voltage goes to the lamp. I am presuming it is a 12v lamp but without opening up the case to investigate, thought I would ask the question here. Another thought is to use a LED, has anyone tried to use a LED and if so how does it work out. Thanks.
> >
> > 73 De Mike
> > VE3YF
> >
>

5164. Re: AT-1000 Pro Meter Lamp

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-01-08 21:47:40 UTC
From: gene_hinkle
Topic: 5158 Message: 5164

Hi Tom,
Sure, I will be happy to post it. I will get on my other computer later this afternoon and post the photo.
Gene

--- In LDG-auto-tuners@yahoogroups.com, "trbarber30635" <trbarber@...> wrote:
>
> Hello Gene,
>
> Why not upload the pictures to the photos section of the list. I would like to make the mod to my tuner and I am sure it would be helpful to others as well.
>
> Thanks for considering this,
> Tom Barber - NT4OM
> "Never Trust 4 Old Men"
> "May All Your Signals Be Rare DX"
>
> --- In LDG-auto-tuners@yahoogroups.com, "gene_hinkle" <k5pa@> wrote:
> >
> >
> > Mike,
> > I added an 7809 volt regulator (3-terminal)to the circuit in order to reduce the voltage to the lamp and to reduce the affect of 12 VDC voltage fluctuations from varying the lamp's intensity. This was accomplished with an add-on circuit using the connector on the PCBA just below the meter. It is normally driven from the 12 VDC source that feeds the autotuner. I will be happy to send you a photo of the circuit installation.
> > Gene
> > K5PA
> >
> > --- In LDG-auto-tuners@yahoogroups.com, "VE3YF" <mike@> wrote:
> > >
> > > With the amount of people that have had to replace their Meter Lamp and after viewing the Youtube video on the procedure to replace it, I am going to bring down the voltage to the lamp. Does anyone including Dwayne know what voltage goes to the lamp. I am presuming it is a 12v lamp but without opening up the case to investigate, thought I would ask the question here. Another thought is to use a LED, has anyone tried to use a LED and if so how does it work out. Thanks.
> > >
> > > 73 De Mike
> > > VE3YF
> > >
> >
>

5165. Need Help with a LDG AT-100PRO TUNER.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-01-09 11:32:12 UTC
From: NP4ZB
Topic: 5165 Message: 5165

Hi to everyone in the the group.
I bouhgt a used AT-100PRO AUOT TUNER,
I open it to see if everything was OK.
I saw a burnt resistor in the transmitter input.
What I need to know is, What is the value and power rating
of this resistor? If anyone knows this please let me know.

Thanks for your time.

5166. help with upgraded AT-1000

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-01-09 15:48:26 UTC
From: KF4KUL
Topic: 5166 Message: 5166

Hi, I own an old AT-1000 and love it. Still works great. I just have one problem, I lost the upgraded manual for this tuner. I have the origional manual, but I installed the updated IC, as far as I know it was the only update for this tuner. I know there are some different meter movements and operating stuff. I went on the web site, but no luck

Any help ?

Thanks, 73 de Udo (KF4KUL)

5167. Re: Need Help with a LDG AT-100PRO TUNER.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-01-10 05:20:39 UTC
From: Dwayne
Topic: 5165 Message: 5167

Hello,

We would need to know the PC board version and a better description of the location. If you could find some labeled components near the burnt resistor that would help.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "NP4ZB" <np4zb@...> wrote:
>
> Hi to everyone in the the group.
> I bouhgt a used AT-100PRO AUOT TUNER,
> I open it to see if everything was OK.
> I saw a burnt resistor in the transmitter input.
> What I need to know is, What is the value and power rating
> of this resistor? If anyone knows this please let me know.
>
> Thanks for your time.
>

5168. Re: [LDG-auto-tuners] Re: Need Help with a LDG AT-100PRO TUNER.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-01-10 11:03:57 UTC
From: JORGE RIVERA
Topic: 5165 Message: 5168

Hi Dwayne,
The board AT-100 PRO VER 1.8
The resistor is R17 right next to VR marked R1.
I hope this helps.

"CW Morse Code" The Guest for Fun.
73's de NP4ZB/Jorge

From: Dwayne <ldgyahoo@...>
To: LDG-auto-tuners@yahoogroups.com
Sent: Tuesday, January 10, 2012 1:20 AM
Subject: [LDG-auto-tuners] Re: Need Help with a LDG AT-100PRO TUNER.

Hello,

We would need to know the PC board version and a better description of the location. If you could find some labeled components near the burnt resistor that would help.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "NP4ZB" <np4zb@...> wrote:
>
> Hi to everyone in the the group.
> I bouhgt a used AT-100PRO AUOT TUNER,
> I open it to see if everything was OK.
> I saw a burnt resistor in the transmitter input.
> What I need to know is, What is the value and power rating
> of this resistor? If anyone knows this please let me know.
>
> Thanks for your time.
>

[Non-text portions of this message have been removed]

5170. Re: [LDG-auto-tuners] Re: help with upgraded AT-1000

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-01-10 15:01:00 UTC
From: Udo W.F. Visintini
Topic: 5166 Message: 5170

Well, it is NOT an AT-1000 pro! It is the first version of the AT-1000 with an upgraded IC chip

All the best, 73 de
Udo Wolfram Franko VISINTINI (KF4KUL)
QSL-Info: P.O. Box 4135
St. Petersburg, FL. 33731 USA

Member of SCARS # 7321
Echo Link Node # 273835 Stand Alone-Link 145.650 MHz
CWOP # AP037,APRS WX- Station (Pinellas County, FL.).

Lealman Special Fire District CERT Member # 570-07
Community Emergency Response Team-Basic Training Course-317
SKYWARN Advanced Certified through the National Weather Service PIN-296A
CPR and AED Certified by the American Safety & Health Institute
ARRL Member # 6508504
SPAR Member (Society for the Preservation of Amateur Radio)

FEMA Independent Study Courses

IS-07 A Citizen’s Guide to Disaster Assistance
IS-100 Introduction to the Incident Command System
IS-242 Effective Communications
IS-700 National Incident Management System (NIMS)
IS-802 ESF #2 Communications Emergency Support Function

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From: trbarber30635 <trbarber@...>
To: LDG-auto-tuners@yahoogroups.com
Sent: Tuesday, January 10, 2012 7:21 AM
Subject: [LDG-auto-tuners] Re: help with upgraded AT-1000

The manual you seek is listed with all other manuals as the
AT-1000Pro V2.0 w/Peak/Ave at http://www.ldgelectronics.com/c/261/product-manuals. You must have been wearing the wrong pair of glasses d;^)

Tom Barber - NT4OM
"Never Trust 4 Old Men"
"May All Your Signals Be Rare DX"

--- In LDG-auto-tuners@yahoogroups.com, "KF4KUL" <uvisintini@...> wrote:
>
> Hi, I own an old AT-1000 and love it. Still works great. I just have one problem, I lost the upgraded manual for this tuner. I have the origional manual, but I installed the updated IC, as far as I know it was the only update for this tuner. I know there are some different meter movements and operating stuff. I went on the web site, but no luck
>
> Any help ?
>
> Thanks, 73 de Udo (KF4KUL)
>

[Non-text portions of this message have been removed]

5171. Re: help with upgraded AT-1000

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-01-10 17:08:38 UTC
From: Dwayne
Topic: 5166 Message: 5171

Udo,

We did not have an upgraded manual. We did have a couple sheets describing the new changes. I've placed a pdf in the files section of this group.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "KF4KUL" <uvisintini@...> wrote:
>
> Hi, I own an old AT-1000 and love it. Still works great. I just have one problem, I lost the upgraded manual for this tuner. I have the origional manual, but I installed the updated IC, as far as I know it was the only update for this tuner. I know there are some different meter movements and operating stuff. I went on the web site, but no luck
>
> Any help ?
>
> Thanks, 73 de Udo (KF4KUL)
>

5172. Re: [LDG-auto-tuners] Re: help with upgraded AT-1000

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-01-10 18:01:05 UTC
From: Udo W.F. Visintini
Topic: 5166 Message: 5172

Thank you very much, keep up the great work.

All the best, 73 de
Udo Wolfram Franko VISINTINI (KF4KUL)
QSL-Info: P.O. Box 4135
St. Petersburg, FL. 33731 USA

Member of SCARS # 7321
Echo Link Node # 273835 Stand Alone-Link 145.650 MHz
CWOP # AP037,APRS WX- Station (Pinellas County, FL.).

Lealman Special Fire District CERT Member # 570-07
Community Emergency Response Team-Basic Training Course-317
SKYWARN Advanced Certified through the National Weather Service PIN-296A
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IS-07 A Citizen’s Guide to Disaster Assistance
IS-100 Introduction to the Incident Command System
IS-242 Effective Communications
IS-700 National Incident Management System (NIMS)
IS-802 ESF #2 Communications Emergency Support Function

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From: Dwayne <ldgyahoo@ldgelectronics.com>
To: LDG-auto-tuners@yahoogroups.com
Sent: Tuesday, January 10, 2012 12:08 PM
Subject: [LDG-auto-tuners] Re: help with upgraded AT-1000

Udo,

We did not have an upgraded manual. We did have a couple sheets describing the new changes. I've placed a pdf in the files section of this group.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "KF4KUL" <uvisintini@...> wrote:
>
> Hi, I own an old AT-1000 and love it. Still works great. I just have one problem, I lost the upgraded manual for this tuner. I have the origional manual, but I installed the updated IC, as far as I know it was the only update for this tuner. I know there are some different meter movements and operating stuff. I went on the web site, but no luck
>
> Any help ?
>
> Thanks, 73 de Udo (KF4KUL)
>

[Non-text portions of this message have been removed]

5173. Re: Need Help with a LDG AT-100PRO TUNER.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-01-10 18:45:50 UTC
From: Dwayne
Topic: 5165 Message: 5173

Jorge,

That helps a lot. R17 is a 4.7K at 1W. You may want to put a 2W in there.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, JORGE RIVERA <np4zb@...> wrote:
>
> Hi Dwayne,
> The boardÂ AT-100 PRO VER 1.8
> The resistor is R17 right next to VR marked R1.
> I hope this helps.
>
> Â "CW Morse Code" The Guest for Fun.
> Â Â Â Â 73's de NP4ZB/Jorge
>
>
>
> _____
> From: Dwayne <ldgyahoo@...>
> To: LDG-auto-tuners@yahoogroups.com
> Sent: Tuesday, January 10, 2012 1:20 AM
> Subject: [LDG-auto-tuners] Re: Need Help with a LDG AT-100PRO TUNER.
>
>
>
> Â
>
> Hello,
>
> We would need to know the PC board version and a better description of the location. If you could find some labeled components near the burnt resistor that would help.
>
> Dwayne Kincaid
> LDG
>
> --- In LDG-auto-tuners@yahoogroups.com, "NP4ZB" <np4zb@> wrote:
> >
> > Hi to everyone in the the group.
> > I bouhgt a used AT-100PRO AUOT TUNER,
> > I open it to see if everything was OK.
> > I saw a burnt resistor in the transmitter input.
> > What I need to know is, What is the value and power rating
> > of this resistor? If anyone knows this please let me know.
> >

> > Thanks for your time.
> >
>
>
>
>
> [Non-text portions of this message have been removed]
>

5174. Re: [LDG-auto-tuners] Re: Need Help with a LDG AT-100PRO TUNER.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-01-11 00:30:14 UTC
From: JORGE RIVERA
Topic: 5165 Message: 5174

OK, Dwayne
thanks for the information.

 "CW Morse Code" The Guest for Fun.
      73's de NP4ZB/Jorge

From: Dwayne <ldgyahoo@...>
To: LDG-auto-tuners@yahoogroups.com
Sent: Tuesday, January 10, 2012 2:45 PM
Subject: [LDG-auto-tuners] Re: Need Help with a LDG AT-100PRO TUNER.

Jorge,

That helps a lot. R17 is a 4.7K at 1W. You may want to put a 2W in there.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, JORGE RIVERA <np4zb@...> wrote:
>
> Hi Dwayne,
> The boardÂ AT-100 PRO VER 1.8
> The resistor is R17 right next to VR marked R1.
> I hope this helps.
>
> Â "CW Morse Code" The Guest for Fun.
> Â Â Â Â 73's de NP4ZB/Jorge
>
>
>
> ---
> From: Dwayne <ldgyahoo@...>
> To: LDG-auto-tuners@yahoogroups.com
> Sent: Tuesday, January 10, 2012 1:20 AM
> Subject: [LDG-auto-tuners] Re: Need Help with a LDG AT-100PRO TUNER.
>
>
>
> Â
>
> Hello,
>
> We would need to know the PC board version and a better description of the location. If you could find some labeled components near the burnt resistor that would help.
>

> Dwayne Kincaid
> LDG
>
> --- In LDG-auto-tuners@yahoogroups.com, "NP4ZB" <np4zb@> wrote:
> >
> > Hi to everyone in the the group.
> > I bouhgt a used AT-100PRO AUOT TUNER,
> > I open it to see if everything was OK.
> > I saw a burnt resistor in the transmitter input.
> > What I need to know is, What is the value and power rating
> > of this resistor? If anyone knows this please let me know.
> >
> > Thanks for your time.
> >
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

5175. Compatible Power Supplies for AT-1000Pro, AT-600Pro and AT-200ProII

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-01-13 23:33:41 UTC
From: Dwayne
Topic: 5175 Message: 5175

We've tested and approved two power supplies from Jameco, www.jameco.com, 1-800-831-4242.

These are #1953663 (linear) and #WM1012-760 (switching). Both are 12 volts at one amp and will work fine with the AT-1000Pro, AT-600 and AT-200ProII. The cost is around $12 to $15 plus shipping.

Dwayne Kincaid
LDG

5176. New Member Introduction

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-01-14 22:28:46 UTC
From: Pete
Topic: 5176 Message: 5176

Hi folks,

I have an AT100Pro and AT200Pro. I just bought an AL-811 a few days ago (haven't received it yet) and this morning ordered an AT-1000Pro to use with the amp. The last time I used any amp was an SB-200 in the 1980's when I had a Heath SB Line Station.

I now have numerous radios, all Icom. Except for two sets of Drake '4B' Line twins and the old SB200 none of which have been powered up since the 80's.

I look forward to gaining lots of knowledge from the group.

73,
Pete
K5PRT
Kempner Texas

5177. AT 100 PRO II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-01-15 22:22:47 UTC
From: kd4rfv
Topic: 5177 Message: 5177

Hi just hookup my 100 Pro II to an Icom 706. Every thing works as should except I cant get it to tune using the tune button on the radio. When I press the button I get a beep. I do have the interface cable attached. I just took out of line a LDG AT 11MP. It was great with it. Anyone have any ideas? Thanks Ricky KD4RFV.

5178. IC 706 and the 100PROII

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-01-17 16:05:05 UTC
From: kd4rfv
Topic: 5178 Message: 5178

Hi All, I have 2 IC706,the first model. I have used the interface cable with both of them but neither will tune with the button on the front of the radio. I also have a IC706MKIIG and it work fine, using the same cable.Anyone got any ideas? Thanks Ricky KD4RFV.

5179. Re: IC 706 and the 100PROII

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-01-18 16:12:23 UTC
From: Stan Broadway
Topic: 5178 Message: 5179

Hi Ricky. The Icom 706 tune control doesn't work by itself- it was designed to work with the Icom automatic antenna tuner - it supports the AH-4. As you probably know, it reduces power to ten watts, transmits in CW mode to allow for antenna tuning. Without the Icom tuner, we need to tell the radio there is a tuner attached, or fake out the radio to make the feature work. Your AT100ProII, according to the instruction book, will plug directly into the 706 with a Icom interface cable. The tuner gets its power from that cable also- a nice touch.

I wonder whether you NEED any of that. According to the LDG manual, you merely attach the antenna cables (from the radio and out to the antenna) turn on 12V to the tuner, and begin to transmit in any mode. The tuner should automatically tune and you're ready to operate.

IF you want the radio to reduce power, switch to CW and give you ten seconds for tuning, you can use one of these:

The Better RF company (I don't know anything about them) has a tuner control for $32.

http://www.thiecom.de/ftp/ldg/acc11.pdf

The best discussion and schematic I found is here:

http://www.athensarc.org/706-Tune-control.asp

and here:

http://vss.pl/mods.dk/mods.php3-radio=icom
<http://vss.pl/mods.dk/mods.php3-radio=icom&model=ic-706&selectid=1864.htm>
&model=ic-706&selectid=1864.htm

Good luck! MY 706 has been wonderful mobile, worked all over EU from Ohio. But it now suffers from the power rollback that's been recently discussed. I highly recommend LDG, I have an AT-1000 and a Z-11 and excellent service and repair from LDG.

Stan, N8BHL

[Non-text portions of this message have been removed]

5180. RE: [LDG-auto-tuners] Re: IC 706 and the 100PROII

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-01-18 20:59:48 UTC
From: Jan
Topic: 5178 Message: 5180

Hi,

I use an IT-100 tuner with my ic-706MkIIG. I can tune it from the radio. I don't have to tell the radio there is a tuner attached. The IT-100 works with any Icom radio that supports AH-3 or AH-4 Icom tuners

Jan - LA2XSA

From: LDG-auto-tuners@yahoogroups.com
[mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Stan Broadway
Sent: Wednesday, January 18, 2012 5:12 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: IC 706 and the 100PROII

Hi Ricky. The Icom 706 tune control doesn't work by itself- it was designed to work with the Icom automatic antenna tuner - it supports the AH-4. As you probably know, it reduces power to ten watts, transmits in CW mode to allow for antenna tuning. Without the Icom tuner, we need to tell the radio there is a tuner attached, or fake out the radio to make the feature work. Your AT100ProII, according to the instruction book, will plug directly into the 706 with a Icom interface cable. The tuner gets its power from that cable also- a nice touch.

I wonder whether you NEED any of that. According to the LDG manual, you merely attach the antenna cables (from the radio and out to the antenna) turn on 12V to the tuner, and begin to transmit in any mode. The tuner should automatically tune and you're ready to operate.

IF you want the radio to reduce power, switch to CW and give you ten seconds for tuning, you can use one of these:

The Better RF company (I don't know anything about them) has a tuner control for $32.

http://www.thiecom.de/ftp/ldg/acc11.pdf

The best discussion and schematic I found is here:

http://www.athensarc.org/706-Tune-control.asp

and here:

http://vss.pl/mods.dk/mods.php3-radio=icom
<http://vss.pl/mods.dk/mods.php3-radio=icom
<http://vss.pl/mods.dk/mods.php3-radio=icom&model=ic-706&selectid=1864.htm>
&model=ic-706&selectid=1864.htm>
&model=ic-706&selectid=1864.htm

Good luck! MY 706 has been wonderful mobile, worked all over EU from Ohio. But it now suffers from the power rollback that's been recently discussed. I highly recommend LDG, I have an AT-1000 and a Z-11 and excellent service and repair from LDG.

Stan, N8BHL

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

5181. Re: [LDG-auto-tuners] Re: IC 706 and the 100PROII

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-01-18 21:33:13 UTC
From: Jon
Topic: 5178 Message: 5181

Ditto...
Just hit the tune button on the radio and away you go.

On Wed, Jan 18, 2012 at 2:59 PM, Jan <jan@...> wrote:

> **
>
>
> Hi,
>
> I use an IT-100 tuner with my ic-706MkIIG. I can tune it from the radio. I
> don't have to tell the radio there is a tuner attached. The IT-100 works
> with any Icom radio that supports AH-3 or AH-4 Icom tuners
>
> Jan - LA2XSA
>
> From: LDG-auto-tuners@yahoogroups.com
> [mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Stan Broadway
> Sent: Wednesday, January 18, 2012 5:12 PM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: [LDG-auto-tuners] Re: IC 706 and the 100PROII
>
> Hi Ricky. The Icom 706 tune control doesn't work by itself- it was designed
> to work with the Icom automatic antenna tuner - it supports the AH-4. As
> you
> probably know, it reduces power to ten watts, transmits in CW mode to allow
> for antenna tuning. Without the Icom tuner, we need to tell the radio there
> is a tuner attached, or fake out the radio to make the feature work. Your
> AT100ProII, according to the instruction book, will plug directly into the
> 706 with a Icom interface cable. The tuner gets its power from that cable
> also- a nice touch.
>
> I wonder whether you NEED any of that. According to the LDG manual, you
> merely attach the antenna cables (from the radio and out to the antenna)
> turn on 12V to the tuner, and begin to transmit in any mode. The tuner
> should automatically tune and you're ready to operate.
>
> IF you want the radio to reduce power, switch to CW and give you ten
> seconds
> for tuning, you can use one of these:
>
> The Better RF company (I don't know anything about them) has a tuner
> control
> for $32.
>

> http://www.thiecom.de/ftp/ldg/acc11.pdf
>
> The best discussion and schematic I found is here:
>
> http://www.athensarc.org/706-Tune-control.asp
>
> and here:
>
> http://vss.pl/mods.dk/mods.php3-radio=icom
> <http://vss.pl/mods.dk/mods.php3-radio=icom
> <http://vss.pl/mods.dk/mods.php3-radio=icom&model=ic-706&selectid=1864.htm
> >
> &model=ic-706&selectid=1864.htm>
> &model=ic-706&selectid=1864.htm
>
> Good luck! MY 706 has been wonderful mobile, worked all over EU from Ohio.
> But it now suffers from the power rollback that's been recently discussed.
> I highly recommend LDG, I have an AT-1000 and a Z-11 and excellent service
> and repair from LDG.
>
> Stan, N8BHL
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

5182. Re: [LDG-auto-tuners] Re: IC 706 and the 100PROII

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-01-19 09:49:14 UTC
From: Ricky Brown
Topic: 5178 Message: 5182

Thanks Stan for the good Info. Thats the way I have been tuning it. And it works Great that way. The only thing that had me wondering was when I had the 706 connected to the LDG AT11MP with the interface cable the tune button on the radio worked. Thanks Again Stan. Ricky KD4RFV

From: Stan Broadway <broadways@...>
To: LDG-auto-tuners@yahoogroups.com
Sent: Wednesday, January 18, 2012 11:12 AM
Subject: [LDG-auto-tuners] Re: IC 706 and the 100PROII

Hi Ricky. The Icom 706 tune control doesn't work by itself- it was designed to work with the Icom automatic antenna tuner - it supports the AH-4. As you probably know, it reduces power to ten watts, transmits in CW mode to allow for antenna tuning. Without the Icom tuner, we need to tell the radio there is a tuner attached, or fake out the radio to make the feature work. Your AT100ProII, according to the instruction book, will plug directly into the 706 with a Icom interface cable. The tuner gets its power from that cable also- a nice touch.

I wonder whether you NEED any of that. According to the LDG manual, you merely attach the antenna cables (from the radio and out to the antenna) turn on 12V to the tuner, and begin to transmit in any mode. The tuner should automatically tune and you're ready to operate.

IF you want the radio to reduce power, switch to CW and give you ten seconds for tuning, you can use one of these:

The Better RF company (I don't know anything about them) has a tuner control for $32.

http://www.thiecom.de/ftp/ldg/acc11.pdf

The best discussion and schematic I found is here:

http://www.athensarc.org/706-Tune-control.asp

and here:

http://vss.pl/mods.dk/mods.php3-radio=icom
<http://vss.pl/mods.dk/mods.php3-radio=icom&model=ic-706&selectid=1864.htm>
&model=ic-706&selectid=1864.htm

Good luck! MY 706 has been wonderful mobile, worked all over EU from Ohio. But it now suffers from the power rollback that's been recently discussed. I highly recommend LDG, I have an AT-1000 and a Z-11 and excellent service and repair from LDG.

Stan, N8BHL

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

5183. Re: [LDG-auto-tuners] Re: IC 706 and the 100PROII

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-01-19 10:00:50 UTC
From: Ricky Brown
Topic: 5178 Message: 5183

Thanks Jan for the Info. I too have a 706MKIIG and it workd Great with it. Just not the First model 706s. But the Older LDG AT11MP will work with the older 706 from the button on the radio. That was what had me wondering. Thanks Again for the Info Jan. Ricky KD4RFV.

From: Jan <jan@...>
To: LDG-auto-tuners@yahoogroups.com
Sent: Wednesday, January 18, 2012 3:59 PM
Subject: RE: [LDG-auto-tuners] Re: IC 706 and the 100PROII

Hi,

I use an IT-100 tuner with my ic-706MkIIG. I can tune it from the radio. I don't have to tell the radio there is a tuner attached. The IT-100 works with any Icom radio that supports AH-3 or AH-4 Icom tuners

Jan - LA2XSA

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Stan Broadway
Sent: Wednesday, January 18, 2012 5:12 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: IC 706 and the 100PROII

Hi Ricky. The Icom 706 tune control doesn't work by itself- it was designed to work with the Icom automatic antenna tuner - it supports the AH-4. As you probably know, it reduces power to ten watts, transmits in CW mode to allow for antenna tuning. Without the Icom tuner, we need to tell the radio there is a tuner attached, or fake out the radio to make the feature work. Your AT100ProII, according to the instruction book, will plug directly into the 706 with a Icom interface cable. The tuner gets its power from that cable also- a nice touch.

I wonder whether you NEED any of that. According to the LDG manual, you merely attach the antenna cables (from the radio and out to the antenna) turn on 12V to the tuner, and begin to transmit in any mode. The tuner should automatically tune and you're ready to operate.

IF you want the radio to reduce power, switch to CW and give you ten seconds for tuning, you can use one of these:

The Better RF company (I don't know anything about them) has a tuner control for $32.

http://www.thiecom.de/ftp/ldg/acc11.pdf

The best discussion and schematic I found is here:

http://www.athensarc.org/706-Tune-control.asp

and here:

http://vss.pl/mods.dk/mods.php3-radio=icom
<http://vss.pl/mods.dk/mods.php3-radio=icom
<http://vss.pl/mods.dk/mods.php3-radio=icom&model=ic-706&selectid=1864.htm>
&model=ic-706&selectid=1864.htm>
&model=ic-706&selectid=1864.htm

Good luck! MY 706 has been wonderful mobile, worked all over EU from Ohio.
But it now suffers from the power rollback that's been recently discussed.
I highly recommend LDG, I have an AT-1000 and a Z-11 and excellent service
and repair from LDG.

Stan, N8BHL

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[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

5184. Re: [LDG-auto-tuners] Re: IC 706 and the 100PROII

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-01-19 10:07:09 UTC
From: Ricky Brown
Topic: 5178 Message: 5184

Hi Jon, I wish it was that easy. The button will work with the older LDG AT11MP just not the 100ProII. I have 2 of the first model 706s Ive tryed and both are the same. But the 706MKIIG works with the button on front of the radio. Must be something with the early model 706s. Thanks Again Jon. Ricky KD4RFV

From: Jon <kd5sfa@...>
To: LDG-auto-tuners@yahoogroups.com
Sent: Wednesday, January 18, 2012 4:33 PM
Subject: Re: [LDG-auto-tuners] Re: IC 706 and the 100PROII

Ditto...
Just hit the tune button on the radio and away you go.

On Wed, Jan 18, 2012 at 2:59 PM, Jan <jan@...> wrote:

> **
>
>
> Hi,
>
> I use an IT-100 tuner with my ic-706MkIIG. I can tune it from the radio. I
> don't have to tell the radio there is a tuner attached. The IT-100 works
> with any Icom radio that supports AH-3 or AH-4 Icom tuners
>
> Jan - LA2XSA
>
> From: LDG-auto-tuners@yahoogroups.com
> [mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Stan Broadway
> Sent: Wednesday, January 18, 2012 5:12 PM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: [LDG-auto-tuners] Re: IC 706 and the 100PROII
>
> Hi Ricky. The Icom 706 tune control doesn't work by itself- it was designed
> to work with the Icom automatic antenna tuner - it supports the AH-4. As
> you
> probably know, it reduces power to ten watts, transmits in CW mode to allow
> for antenna tuning. Without the Icom tuner, we need to tell the radio there
> is a tuner attached, or fake out the radio to make the feature work. Your
> AT100ProII, according to the instruction book, will plug directly into the
> 706 with a Icom interface cable. The tuner gets its power from that cable
> also- a nice touch.
>
> I wonder whether you NEED any of that. According to the LDG manual, you
> merely attach the antenna cables (from the radio and out to the antenna)
> turn on 12V to the tuner, and begin to transmit in any mode. The tuner

> should automatically tune and you're ready to operate.
>
> IF you want the radio to reduce power, switch to CW and give you ten
> seconds
> for tuning, you can use one of these:
>
> The Better RF company (I don't know anything about them) has a tuner
> control
> for $32.
>
> http://www.thiecom.de/ftp/ldg/acc11.pdf
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> The best discussion and schematic I found is here:
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> http://www.athensarc.org/706-Tune-control.asp
>
> and here:
>
> http://vss.pl/mods.dk/mods.php3-radio=icom
> <http://vss.pl/mods.dk/mods.php3-radio=icom
> <http://vss.pl/mods.dk/mods.php3-radio=icom&model=ic-706&selectid=1864.htm
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> Good luck! MY 706 has been wonderful mobile, worked all over EU from Ohio.
> But it now suffers from the power rollback that's been recently discussed.
> I highly recommend LDG, I have an AT-1000 and a Z-11 and excellent service
> and repair from LDG.
>
> Stan, N8BHL
>
> [Non-text portions of this message have been removed]
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Yahoo! Groups Links

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5185. Re: [LDG-auto-tuners] Re: IC 706 and the 100PROII

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-01-19 15:09:21 UTC
From: Jon
Topic: 5178 Message: 5185

Talk to LDG then... they have great support.

I've had their AT-100 PRO for over 6 years now...

73,
Jon
KD5SFA

On Thu, Jan 19, 2012 at 4:07 AM, Ricky Brown <kd4rfv@...> wrote:

> **
>
>
> Hi Jon, I wish it was that easy. The button will work with the older LDG
> AT11MP just not the 100ProII. I have 2 of the first model 706s Ive tryed
> and both are the same. But the 706MKIIG works with the button on front of
> the radio. Must be something with the early model 706s. Thanks Again Jon.
> Ricky KD4RFV
>
> _____
> From: Jon <kd5sfa@...>
> To: LDG-auto-tuners@yahoogroups.com
> Sent: Wednesday, January 18, 2012 4:33 PM
> Subject: Re: [LDG-auto-tuners] Re: IC 706 and the 100PROII
>
> Ditto...
> Just hit the tune button on the radio and away you go.
>
> On Wed, Jan 18, 2012 at 2:59 PM, Jan <jan@...> wrote:
>
> > **
>
> >
> >
> > Hi,
> >
> > I use an IT-100 tuner with my ic-706MkIIG. I can tune it from the radio.
> I
> > don't have to tell the radio there is a tuner attached. The IT-100 works
> > with any Icom radio that supports AH-3 or AH-4 Icom tuners
> >
> > Jan - LA2XSA
> >
> > From: LDG-auto-tuners@yahoogroups.com
> > [mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Stan Broadway
> > Sent: Wednesday, January 18, 2012 5:12 PM

> > To: LDG-auto-tuners@yahoogroups.com
> > Subject: [LDG-auto-tuners] Re: IC 706 and the 100PROII
> >
> > Hi Ricky. The Icom 706 tune control doesn't work by itself- it was
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> > to work with the Icom automatic antenna tuner - it supports the AH-4. As
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> > IF you want the radio to reduce power, switch to CW and give you ten
> > seconds
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> > The Better RF company (I don't know anything about them) has a tuner
> > control
> > for $32.
> >
> > http://www.thiecom.de/ftp/ldg/acc11.pdf
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> > The best discussion and schematic I found is here:
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> > http://www.athensarc.org/706-Tune-control.asp
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> > and here:
> >
> > http://vss.pl/mods.dk/mods.php3-radio=icom
> > <http://vss.pl/mods.dk/mods.php3-radio=icom
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> http://vss.pl/mods.dk/mods.php3-radio=icom&model=ic-706&selectid=1864.htm
> > >
> > &model=ic-706&selectid=1864.htm>
> > &model=ic-706&selectid=1864.htm
> >
> > Good luck! MY 706 has been wonderful mobile, worked all over EU from
> Ohio.
> > But it now suffers from the power rollback that's been recently
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> > I highly recommend LDG, I have an AT-1000 and a Z-11 and excellent
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> > and repair from LDG.
> >
> > Stan, N8BHL
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> Yahoo! Groups Links
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5186. Re: IC 706 and the 100PROII

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-01-19 17:13:54 UTC
From: Dwayne
Topic: 5178 Message: 5186

Jon,

We have already provided input to him.

There is no difference in the Tune button circuit between the 706 (plain) and any other versions. Except on the 706 (plain) the tuner button does not function on 6 Meters and the newer 706s the tuner button will function on 6 Meters.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, Jon <kd5sfa@...> wrote:
>
> Talk to LDG then... they have great support.
>
> I've had their AT-100 PRO for over 6 years now...
>
> 73,
> Jon
> KD5SFA
>
> On Thu, Jan 19, 2012 at 4:07 AM, Ricky Brown <kd4rfv@...> wrote:
>
> > **
> >
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> > Hi Jon, I wish it was that easy. The button will work with the older LDG
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> > the radio. Must be something with the early model 706s. Thanks Again Jon.
> > Ricky KD4RFV
> >
> > _____
> > From: Jon <kd5sfa@...>
> > To: LDG-auto-tuners@yahoogroups.com
> > Sent: Wednesday, January 18, 2012 4:33 PM
> > Subject: Re: [LDG-auto-tuners] Re: IC 706 and the 100PROII
> >
> > Ditto...
> > Just hit the tune button on the radio and away you go.
> >
> > On Wed, Jan 18, 2012 at 2:59 PM, Jan <jan@...> wrote:
> >
> > > **
> >
> > >

> > >
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> > >
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> > I
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> > > Jan - LA2XSA
> > >
> > > From: LDG-auto-tuners@yahoogroups.com
> > > [mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Stan Broadway
> > > Sent: Wednesday, January 18, 2012 5:12 PM
> > > To: LDG-auto-tuners@yahoogroups.com
> > > Subject: [LDG-auto-tuners] Re: IC 706 and the 100PROII
> > >
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> > > for antenna tuning. Without the Icom tuner, we need to tell the radio
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> > > I wonder whether you NEED any of that. According to the LDG manual, you
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> > > turn on 12V to the tuner, and begin to transmit in any mode. The tuner
> > > should automatically tune and you're ready to operate.
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> > > IF you want the radio to reduce power, switch to CW and give you ten
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> > > <
> > http://vss.pl/mods.dk/mods.php3-radio=icom&model=ic-706&selectid=1864.htm
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> > > >
> > > > Good luck! MY 706 has been wonderful mobile, worked all over EU from
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> > > > But it now suffers from the power rollback that's been recently
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> > > > I highly recommend LDG, I have an AT-1000 and a Z-11 and excellent
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> > > >
> > > > Stan, N8BHL
> > > >
> > > > [Non-text portions of this message have been removed]
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> > > Yahoo! Groups Links
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5187. AT100 PRO II- Questions on my observations during operation.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-01-21 16:17:00 UTC
From: stereoimage73
Topic: 5187 Message: 5187

Hello:

Purchased an AT100pro II from AES last week while my AT897pro is being repaired. Radio is a Yaesu 897D and I have the Y-ACC cable.

Some observations that are not in the manual:

1. Bypass light flashes briefly at the start of a "manual" tune. Is this normal?

2. Can I use a standard 1\8" TRS "stereo headphone extender" to give me some length on this very short Y-ACC cable? The home brew diagram in the manual seems to reflect this.

3. My 897D has a CW carrier of 100w (shown on both the radio AND the tuner LED ladder) on 10 thru 20 meters. However on 40-80 meters at 100 watts CW output of 75 watts (as shown at the radio out) the TUNER shows an power output of 100 watts.

At 100 watts output on 40-80 meters (as shown by the radio) the TUNER displays blinking lights in a power output "over" state that exists.

4. Lastly, when connecting a durmmy load to the tuner on ANT 1 and ANT 2 it attempts to tune and then locks itself in BYPASS mode which I cannot disable. Is this correct functionality?

Thanks so much for any responses or opinions.

73
Mark

5188. Value of Resistor R17 in the AT-200 Pro Autotuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-01-21 23:08:30 UTC
From: Dave Watson
Topic: 5188 Message: 5188

I have an old AT-200Pro Autotuner. Upon opening the case and inspecting the components I noticed the resistor R17 is burnt. Looking through the LDG web site I don't see a schematic for it. I was hoping someone with a good AT-200Pro could give me the value of that resistor so that I can replace it.

Thanks,
Dave (W4DJW)

5189. Re: [LDG-auto-tuners] Value of Resistor R17 in the AT-200 Pro Autotuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-01-22 21:42:43 UTC
From: cpu_nut
Topic: 5188 Message: 5189

Maybe you can post a photo of the area of concern on the PCB. Did you have a lightning strike or use greater than 200W?

Craig

--- On Sat, 1/21/12, Dave Watson <davewatson@...> wrote:

> From: Dave Watson <davewatson@...>
> Subject: [LDG-auto-tuners] Value of Resistor R17 in the AT-200 Pro Autotuner
> To: LDG-auto-tuners@yahoogroups.com
> Date: Saturday, January 21, 2012, 6:08 PM
> I have an old AT-200Pro Autotuner.
> Upon opening the case and inspecting the components I
> noticed the resistor R17 is burnt. Looking through the LDG
> web site I don't see a schematic for it. I was hoping
> someone with a good AT-200Pro could give me the value of
> that resistor so that I can replace it.
>
> Thanks,
> Dave (W4DJW)
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>   LDG-auto-tuners-fullfeatured@yahoogroups.com
>
>
>

5190. RE: [LDG-auto-tuners] Value of Resistor R17 in the AT-200 Pro Autotuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-01-23 00:14:41 UTC
From: Dave Watson
Topic: 5188 Message: 5190

Photos are here:
http://groups.yahoo.com/group/LDG-auto-tuners/photos/album/1870293486/pic/list
It was my fault. I forgot that antenna was on the AT-200. It was on the AT-1000Pro before the accident. (more than 200 watts did it in)

Dave (W4DJW)

From: LDG-auto-tuners@yahoogroups.com
[mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of cpu_nut
Sent: Sunday, January 22, 2012 4:43 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] Value of Resistor R17 in the AT-200 Pro Autotuner

Maybe you can post a photo of the area of concern on the PCB. Did you have a lightning strike or use greater than 200W?

Craig

--- On Sat, 1/21/12, Dave Watson <davewatson@...
<mailto:davewatson%40charter.net> > wrote:

> From: Dave Watson <davewatson@...
<mailto:davewatson%40charter.net> >
> Subject: [LDG-auto-tuners] Value of Resistor R17 in the AT-200 Pro Autotuner
> To: LDG-auto-tuners@yahoogroups.com
<mailto:LDG-auto-tuners%40yahoogroups.com>
> Date: Saturday, January 21, 2012, 6:08 PM
> I have an old AT-200Pro Autotuner.
> Upon opening the case and inspecting the components I
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> web site I don't see a schematic for it. I was hoping
> someone with a good AT-200Pro could give me the value of
> that resistor so that I can replace it.
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> Thanks,
> Dave (W4DJW)
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>

>
> LDG-auto-tuners-fullfeatured@yahoogroups.com
<mailto:LDG-auto-tuners-fullfeatured%40yahoogroups.com>
>
>
>

[Non-text portions of this message have been removed]

5191. Re: Value of Resistor R17 in the AT-200 Pro Autotuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-01-22 21:12:21 UTC
From: Gene Deck
Topic: 5188 Message: 5191

Dave,

I opened up my LDG AT-200Pro and found R17. In my unit it is a resistor with 4 color bands. The bands are:

Yellow, Brown, red and Gold. If my calculations are correct this makes the resistor a 4.1K ohm. I believe it is a 1 Watt resistor in my unit. The Gold band represents a 5% tolerance. the 4.1 K ohm is a non standard E24 Series resistor.

I hope this helps.

73,

Gene

W0pyz

[Non-text portions of this message have been removed]

5192. Re: Value of Resistor R17 in the AT-200 Pro Autotuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-01-23 03:16:12 UTC
From: Dwayne
Topic: 5188 Message: 5192

Dave,

That is a 4.7K ohm 2 watt resistor.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "Dave Watson" <davewatson@...> wrote:
>
> Photos are here:
> http://groups.yahoo.com/group/LDG-auto-tuners/photos/album/1870293486/pic/li
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> It was my fault. I forgot that antenna was on the AT-200. It was on the
> AT-1000Pro before the accident. (more than 200 watts did it in)
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> Dave (W4DJW)
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> From: LDG-auto-tuners@yahoogroups.com
> [mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of cpu_nut
> Sent: Sunday, January 22, 2012 4:43 PM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: Re: [LDG-auto-tuners] Value of Resistor R17 in the AT-200 Pro
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> Maybe you can post a photo of the area of concern on the PCB. Did you have a
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> <mailto:davewatson%40charter.net> > wrote:
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> <mailto:davewatson%40charter.net> >
> > Subject: [LDG-auto-tuners] Value of Resistor R17 in the AT-200 Pro
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> > To: LDG-auto-tuners@yahoogroups.com
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> >
> > LDG-auto-tuners-fullfeatured@yahoogroups.com
> <mailto:LDG-auto-tuners-fullfeatured%40yahoogroups.com>
> >
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> [Non-text portions of this message have been removed]
>

5193. New AT-1000ProII announced

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-01-23 03:31:31 UTC
From: Dwayne
Topic: 5193 Message: 5193

Just a quick product update.

Coming in February. LDG has announced the AT-1000ProII. Building on the successful AT-1000 line of KW tuners, the new AT-1000ProII returns to simplicity, but adds the convenience of an optional 4.5" large, easy to read, LED backlit, analog meter with superior accuracy and resolution.

Suggested list price $539.99, Optional M-1000 Meter $129.99.

Manuals for the tuner and meter and hi-res photos are available on the website.

Dwayne Kincaid
LDG

5194. RE: [LDG-auto-tuners] Re: Value of Resistor R17 in the AT-200 Pro Autotuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-01-23 04:47:48 UTC
From: Dave Watson
Topic: 5188 Message: 5194

Thanks Dwayne, that's just what I needed.

Dave (W4DJW)

From: LDG-auto-tuners@yahoogroups.com
[mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Dwayne
Sent: Sunday, January 22, 2012 10:16 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: Value of Resistor R17 in the AT-200 Pro
Autotuner

Dave,

That is a 4.7K ohm 2 watt resistor.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com
<mailto:LDG-auto-tuners%40yahoogroups.com> , "Dave Watson" <davewatson@...>
wrote:
>
> Photos are here:
>
http://groups.yahoo.com/group/LDG-auto-tuners/photos/album/1870293486/pic/li
> st
> It was my fault. I forgot that antenna was on the AT-200. It was on the
> AT-1000Pro before the accident. (more than 200 watts did it in)
>
> Dave (W4DJW)
>
>
>
> From: LDG-auto-tuners@yahoogroups.com
<mailto:LDG-auto-tuners%40yahoogroups.com>
> [mailto:LDG-auto-tuners@yahoogroups.com
<mailto:LDG-auto-tuners%40yahoogroups.com>] On Behalf Of cpu_nut
> Sent: Sunday, January 22, 2012 4:43 PM
> To: LDG-auto-tuners@yahoogroups.com
<mailto:LDG-auto-tuners%40yahoogroups.com>
> Subject: Re: [LDG-auto-tuners] Value of Resistor R17 in the AT-200 Pro
> Autotuner
>
>
>

>
>
> Maybe you can post a photo of the area of concern on the PCB. Did you have
a
> lightning strike or use greater than 200W?
>
> Craig
>
> --- On Sat, 1/21/12, Dave Watson <davewatson@...
> <mailto:davewatson%40charter.net> > wrote:
>
> > From: Dave Watson <davewatson@...
> <mailto:davewatson%40charter.net> >
> > Subject: [LDG-auto-tuners] Value of Resistor R17 in the AT-200 Pro
> Autotuner
> > To: LDG-auto-tuners@yahoogroups.com
<mailto:LDG-auto-tuners%40yahoogroups.com>
> <mailto:LDG-auto-tuners%40yahoogroups.com>
> > Date: Saturday, January 21, 2012, 6:08 PM
> > I have an old AT-200Pro Autotuner.
> > Upon opening the case and inspecting the components I
> > noticed the resistor R17 is burnt. Looking through the LDG
> > web site I don't see a schematic for it. I was hoping
> > someone with a good AT-200Pro could give me the value of
> > that resistor so that I can replace it.
> >
> > Thanks,
> > Dave (W4DJW)
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
> >
> > LDG-auto-tuners-fullfeatured@yahoogroups.com
<mailto:LDG-auto-tuners-fullfeatured%40yahoogroups.com>
> <mailto:LDG-auto-tuners-fullfeatured%40yahoogroups.com>
> >
> >
> >
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

5195. RE: [LDG-auto-tuners] Re: Value of Resistor R17 in the AT-200 Pro Autotuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-01-23 04:49:07 UTC
From: Dave Watson
Topic: 5188 Message: 5195

Thanks Gene, with that I can get started on the road to repair.

Dave (W4DJW)

From: LDG-auto-tuners@yahoogroups.com
[mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Gene Deck
Sent: Sunday, January 22, 2012 4:12 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: Value of Resistor R17 in the AT-200 Pro Autotuner

Dave,

I opened up my LDG AT-200Pro and found R17. In my unit it is a resistor with 4 color bands. The bands are:

Yellow, Brown, red and Gold. If my calculations are correct this makes the resistor a 4.1K ohm. I believe it is a 1 Watt resistor in my unit. The Gold band represents a 5% tolerance. the 4.1 K ohm is a non standard E24 Series resistor.

I hope this helps.

73,

Gene

W0pyz

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

5196. Re: [LDG-auto-tuners] New AT-1000ProII announced

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-01-23 05:17:09 UTC
From: Pete Theer
Topic: 5193 Message: 5196

FOOEY!! I hate when that happens. I just bought an AT1000Pro last week not knowing it was or was about to be a discontinued model.

Live & Learn.

73,
Pete
K5PRT

When the people fear their government, there is TYRANNY.
When the government fears the people, there is LIBERTY.
- Thomas Jefferson.

Pete Theer K5PRT
Kempner, Texas
Reply to: K5PRT@...
Please visit my website: http://www.k5prt.com
Licensed since 1961
ARRL & AMSAT Life Member
10X# 13678, FISTS# 13919
SKCC# 4695, NAQCC# 3129
SWOT# 294

Jan 22, 2012 09:31:35 PM, LDG-auto-tuners@yahoogroups.com wrote:

Just a quick product update.

Coming in February. LDG has announced the AT-1000ProII. Building on the successful AT-1000 line of KW tuners, the new AT-1000ProII returns to simplicity, but adds the convenience of an optional 4.5" large, easy to read, LED backlit, analog meter with superior accuracy and resolution.

Suggested list price $539.99, Optional M-1000 Meter $129.99.

Manuals for the tuner and meter and hi-res photos are available on the website.

Dwayne Kincaid
LDG

Yahoo! Groups Links

5197. Re: New AT-1000ProII announced

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-01-23 12:07:14 UTC
From: m0saz
Topic: 5193 Message: 5197

Pete, that same thing happened to me with the AT200 Pro. What I did was put it on eBay and buy a Pro II (I liked the idea of the bypass and antenna LED). Mad you might think, but the buyer of the AT200 pro paid a surprisingly big proportion of the MKII.

Depends how much of a benefit the new version is to you I guess and if you like keeping up-to-date or just need it to do the job - after all it will still do what you wanted it to or you wouldn't have bought it.

Just my 2 cents :)

Mike
M0SAZ

--- In LDG-auto-tuners@yahoogroups.com, Pete Theer <k5prt@...> wrote:
>
> FOOEY!! I hate when that happens. I just bought an AT1000Pro last week not knowing it was or was about to be a discontinued model.
>
> Live & Learn.
>
> 73,
> Pete
> K5PRT
>
>
> When the people fear their government, there is TYRANNY.
> When the government fears the people, there is LIBERTY.
> - Thomas Jefferson.
>
> Pete Theer K5PRT
> Kempner, Texas
> Reply to: K5PRT@...
> Please visit my website: http://www.k5prt.com
> Licensed since 1961
> ARRL & AMSAT Life Member
> 10X# 13678, FISTS# 13919
> SKCC# 4695, NAQCC# 3129
> SWOT# 294
>
>
> Jan 22, 2012 09:31:35 PM, LDG-auto-tuners@yahoogroups.com wrote:
>
> Just a quick product update.
>
> Coming in February. LDG has announced the AT-1000ProII. Building on the successful AT-1000 line of KW tuners, the new AT-1000ProII returns to simplicity, but adds the

convenience of an optional 4.5" large, easy to read, LED backlit, analog meter with superior accuracy and resolution.
>
> Suggested list price $539.99, Optional M-1000 Meter $129.99.
>
> Manuals for the tuner and meter and hi-res photos are available on the website.
>
> Dwayne Kincaid
> LDG
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>

5198. Re: [LDG-auto-tuners] New AT-1000ProII announced

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-01-23 13:47:22 UTC
From: Jimmy (WB8NBI)
Topic: 5193 Message: 5198

But if you keep waiting for the newest model you will never have one.

DE Jimmy (WB8NBI)

From: Pete Theer
Sent: Monday, January 23, 2012 12:17 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] New AT-1000ProII announced

FOOEY!! I hate when that happens. I just bought an AT1000Pro last week not knowing it was or was about to be a discontinued model.

Live & Learn.

73,
Pete
K5PRT

When the people fear their government, there is TYRANNY.
When the government fears the people, there is LIBERTY.
- Thomas Jefferson.

Pete Theer K5PRT
Kempner, Texas
Reply to: mailto:K5PRT%40arrl.net
Please visit my website: http://www.k5prt.com
Licensed since 1961
ARRL & AMSAT Life Member
10X# 13678, FISTS# 13919
SKCC# 4695, NAQCC# 3129
SWOT# 294

Jan 22, 2012 09:31:35 PM, mailto:LDG-auto-tuners%40yahoogroups.com wrote:

Just a quick product update.

Coming in February. LDG has announced the AT-1000ProII. Building on the successful AT-1000 line of KW tuners, the new AT-1000ProII returns to simplicity, but adds the convenience of an optional 4.5" large, easy to read, LED backlit, analog meter with superior accuracy and resolution.

Suggested list price $539.99, Optional M-1000 Meter $129.99.

Manuals for the tuner and meter and hi-res photos are available on the website.

Dwayne Kincaid
LDG

Yahoo! Groups Links

[Non-text portions of this message have been removed]

5199. Z11Pro2 Match fail question

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-01-23 14:06:56 UTC
From: Jim Miller
Topic: 5199 Message: 5199

My new Z11Pro2 is not finding a match for my 160m antenna. It may not be the fault of the tuner. Upon not finding a match it always seem to end up with a SWR of 8.4:1. What does the Z11Pro2 do when it fails to find a match?

Does it leave the L/C matrix at the last tested configuration? Or does it switch itself out of the circuit?

Thanks

Jim ab3cv

[Non-text portions of this message have been removed]

5200. Re: [LDG-auto-tuners] Z11Pro2 Match fail question

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-01-23 15:13:44 UTC
From: doug pfaff
Topic: 5199 Message: 5200

what does the spec say for match range,my kt100 went to bypass because antenna was really close to 50 ohm match,it has a specified range listed.

a lot of new hams don't get the training to bring the antenna close to the 50 standard thru use of baluns un-un etc

the tuner keeps rig satisfied but the real work is from the antenna.

re your failure question ask Dwayne from LDG you get a better answer instead of a bunch of guesses

Doug ve5dcp

Doug Pfaff
doug.pfaff@...
----- Original Message -----
From: Jim Miller
To: LDG-auto-tuners@yahoogroups.com
Sent: Monday, January 23, 2012 6:06 AM
Subject: [LDG-auto-tuners] Z11Pro2 Match fail question

My new Z11Pro2 is not finding a match for my 160m antenna. It may not be
the fault of the tuner. Upon not finding a match it always seem to end up
with a SWR of 8.4:1. What does the Z11Pro2 do when it fails to find a match?

Does it leave the L/C matrix at the last tested configuration? Or does it
switch itself out of the circuit?

Thanks

Jim ab3cv

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

5201. Re: Z11Pro2 Match fail question

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-01-23 17:34:11 UTC
From: m0saz
Topic: 5199 Message: 5201

Hi Jim,

I have this ATU, as well as a bunch of others from LDG. When it cannot find a match that is acceptable the first 3 LEDs flash. It does not store anything as the tune was unacceptable, so sending another carrier will initiate a full tune again.

You can change the threshold to what the tuner finds acceptable, but they never go as high as 8:1! On this tuner, I have just skimmed the manual and the maximum is 3:1 (that is it will get to 3:1 and find that acceptable to store/not retune), so you need to make the antenna more acceptable to the tuner before it does it's work.

This tuner has a remarkable range so I would analyse your antenna without the tuner, as it seems that it is no where near a match at that frequency.

Good luck.

Mike
M0SAZ

--- In LDG-auto-tuners@yahoogroups.com, Jim Miller <jim@...> wrote:
>
> My new Z11Pro2 is not finding a match for my 160m antenna. It may not be
> the fault of the tuner. Upon not finding a match it always seem to end up
> with a SWR of 8.4:1. What does the Z11Pro2 do when it fails to find a match?
>
> Does it leave the L/C matrix at the last tested configuration? Or does it
> switch itself out of the circuit?
>
> Thanks
>
> Jim ab3cv
>
>
> [Non-text portions of this message have been removed]
>

5202. Re: [LDG-auto-tuners] Re: Z11Pro2 Match fail question

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-01-23 17:45:53 UTC
From: Jim Miller
Topic: 5199 Message: 5202

As I mentioned in the first message, I don't think the problem is necessarily in the tuner. I was just wondering what the tuner behavior would be under the condition of "no acceptable match found."

73

jim ab3cv

[Non-text portions of this message have been removed]

5203. Re: Value of Resistor R17 in the AT-200 Pro Autotuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-01-23 04:36:42 UTC
From: Gene Deck
Topic: 5188 Message: 5203

Dave,

As Dwayne stated the R17 resistor is a 4.7K ohm resistor.

My old eyes seen the violet color as a brown color. I had the younger eyes take a look here and now I'm convinced I need my cataracts removed.

73.

Gene

W0PYZ

[Non-text portions of this message have been removed]

5204. Re: Value of Resistor R17 in the AT-200 Pro Autotuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-01-23 19:27:45 UTC
From: Dwayne
Topic: 5188 Message: 5204

Don't worry about it Gene,

I'm color blind for the most part, so I have to look it up on the parts list. ;-)

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, Gene Deck <gandcdeck@...> wrote:
>
> Dave,
>
>
>
> As Dwayne stated the R17 resistor is a 4.7K ohm resistor.
>
> My old eyes seen the violet color as a brown color. I had the younger eyes
> take a look here and now I'm convinced I need my cataracts removed.
>
>
>
> 73.
>
> Gene
>
> W0PYZ
>
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

5205. Re: Z11Pro2 Match fail question

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-01-23 23:10:16 UTC
From: m0saz
Topic: 5199 Message: 5205

Jim, the first 3 LEDs flash.

73

Mike
M0SAZ

--- In LDG-auto-tuners@yahoogroups.com, Jim Miller <jim@...> wrote:
>
> As I mentioned in the first message, I don't think the problem is
> necessarily in the tuner. I was just wondering what the tuner behavior
> would be under the condition of "no acceptable match found."
>
> 73
>
> jim ab3cv
>
>
> [Non-text portions of this message have been removed]
>

5206. Re: [LDG-auto-tuners] Re: Z11Pro2 Match fail question

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-01-23 23:32:21 UTC
From: Jim Miller
Topic: 5199 Message: 5206

The tuner is remote. I really don't care what the LEDs do. I want to know what is the final state of the switch matrix. I want to know if it is passthru i.e. bypassed in the event of a match failure.

73

Jim ab3cv

[Non-text portions of this message have been removed]

5207. RE: [LDG-auto-tuners] Re: Value of Resistor R17 in the AT-200 Pro Autotuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-01-24 01:08:17 UTC
From: Dave Watson
Topic: 5188 Message: 5207

Thanks for the clarification Gene.

Dave (W4DJW)

From: LDG-auto-tuners@yahoogroups.com
[mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Gene Deck
Sent: Sunday, January 22, 2012 11:37 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: Value of Resistor R17 in the AT-200 Pro Autotuner

Dave,

As Dwayne stated the R17 resistor is a 4.7K ohm resistor.

My old eyes seen the violet color as a brown color. I had the younger eyes take a look here and now I'm convinced I need my cataracts removed.

73.

Gene

W0PYZ

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

5208. Re: Z11Pro2 Match fail question

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-01-24 16:30:53 UTC
From: m0saz
Topic: 5199 Message: 5208

Sorry Jim, I didn't understand originally. I understand now - is it bypassed or stuck on it's closest match. That I don't know I'm afraid. I have always stopped transmitting pretty sharpish after not getting a match as to not damage the radio (the tuner out of its depth or in bypass the result is the same, I can't TX).

Dwayne or someone with more knowledge than me will have to let us know what state the matching network is when out of range.

73

Mike
M0SAZ

--- In LDG-auto-tuners@yahoogroups.com, Jim Miller <jim@...> wrote:
>
> The tuner is remote. I really don't care what the LEDs do. I want to know
> what is the final state of the switch matrix. I want to know if it is
> passthru i.e. bypassed in the event of a match failure.
>
> 73
>
> Jim ab3cv
>
>
> [Non-text portions of this message have been removed]
>

5209. Re: [LDG-auto-tuners] Re: Z11Pro2 Match fail question

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-01-24 18:23:07 UTC
From: Jim Miller
Topic: 5199 Message: 5209

Mike

No problem. I've got a call into LDG right now.

73

jim ab3cv

[Non-text portions of this message have been removed]

5210. Re: [LDG-auto-tuners] Re: Z11Pro2 Match fail question

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-01-24 18:35:43 UTC
From: Jim Miller
Topic: 5199 Message: 5210

Mike

Neglected to thank you for trying to help!

Thanks!!

Jim ab3cv

[Non-text portions of this message have been removed]

5211. Re: Z11Pro2 Match fail question

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-01-24 20:38:15 UTC
From: m0saz
Topic: 5199 Message: 5211

Not a problem Jim, that's what the hobby is all about. If you do get an answer, please post the response, I would be interested to know, as I am sure others would too!

73

Mike
M0SAZ

--- In LDG-auto-tuners@yahoogroups.com, Jim Miller <jim@...> wrote:
>
> Mike
>
> Neglected to thank you for trying to help!
>
> Thanks!!
>
> Jim ab3cv
>
>
> [Non-text portions of this message have been removed]
>

5212. Yaesu FT-950 with LDG AT200 Pro II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-01-25 00:24:12 UTC
From: m0saz
Topic: 5212 Message: 5212

OK so I am soon to be the proud owner of an FT-950, having downsized (with a bump) from an FTDX9000D. On the 9000 I just ran my AT200 Pro II in full auto mode and that was fine, and will be fine for the 950.

I was just wondering if there is a way of interfacing the radio with the tuner so the tune button on the AT200 causes the FT-950 to transmit in the right mode/power etc. to tune.

I could buy a YT-450 but not when I have a spare decent desk tuner with less than a few hours on the clock - plus it has the LED statuses and the twin antenna sockets :).

Any advice/wiring diagram would be appreciated.

Mike
M0SAZ

5213. Matching problem on 6 and 10 meters with Z817

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-01-25 09:36:36 UTC
From: Simon
Topic: 5213 Message: 5213

Hi Group, I have the FT-817nd with a brand new Z817. Problem I have is getting the tuner to de-key the rig after a full or part tune cycle. The rig keys up in PKT mode does it's tuning thing then fails to release the TX. Only way I can get the rig to de-key is to lower the power on the 817. The antennae is multiband vertical and is designed for 6 and HF. Instructions carried out to the letter and new cells etc. I have no problem tuning on HF bands to note.

73 Simon

5214. Re: Yaesu FT-950 with LDG AT200 Pro II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-01-25 23:46:00 UTC
From: Mike Lichtman
Topic: 5212 Message: 5214

Mike,
Having owned a FT 950 and an AT 200Pro for a couple years now, I have found the easier tuning procedure is.....
1)Set Menu 112 (AM Xmit Pwr) to 10 watts or so and the LDG tuner to the auto mode.
2) Tune to the Freq you want.
3) Switch mode to AM.
4) Press the PTT button until the tuner finishes adjusting.
5)Switch mode back to mode of choice..
Once you set up menu 112, I find it quick and easy. Just a mode change and a PTT. Enjoy your new radio. 73 Mike KF6KXG

5215. AT-200Pro and TS2000

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-01-26 02:29:47 UTC
From: n8ob
Topic: 5215 Message: 5215

I love my AT-200Pro but would love to find a way to interface it with the TS2000 so I would only have to push one button to tune. Presently, I have to go to AM (for reduced power) push the send button, let the tuner do it's thing and then go back to the mode I am using. I realize that LDG makes a unit for the Kenwood but it was more than I paid for the AT-200Pro (from a friend who upgraded his tuner so he could use an amplifier). There seems to be a cable connection for the Icom but nothing for the Kenwood. Anyone have any ideas??

5216. Re: [LDG-auto-tuners] AT-200Pro and TS2000

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-01-26 03:21:04 UTC
From: Andrew O'Brien
Topic: 5215 Message: 5216

Huh? With my AT-200 Pro and TS-2000 I just transmit and it (the AT-200 Pro) tunes, no button pressing or anything. I do this with the internal Kenwood ATU not active.

Andy K3UK

On Wed, Jan 25, 2012 at 9:29 PM, n8ob <n8ob@roadrunner.com> wrote:

> **
>
>
> I love my AT-200Pro but would love to find a way to interface it with the
> TS2000
> so I would only have to push one button to tune. Presently, I have to go
> to AM
> (for reduced power) push the send button, let the tuner do it's thing and
> then
> go back to the mode I am using. I realize that LDG makes a unit for the
> Kenwood
> but it was more than I paid for the AT-200Pro (from a friend who upgraded
> his
> tuner so he could use an amplifier). There seems to be a cable connection
> for
> the Icom but nothing for the Kenwood. Anyone have any ideas??
>
>
>

[Non-text portions of this message have been removed]

5217. Re: [LDG-auto-tuners] AT-200Pro and TS2000

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-01-26 03:54:21 UTC
From: doug pfaff
Topic: 5215 Message: 5217

there is a patch cable for the ts50 rig to interface to the kt100 tuner

why not ask LDG about your specific rig maybe there all common to the Kenwood series

Doug ve5dcp

Doug Pfaff
doug.pfaff@...
----- Original Message -----
From: n8ob
To: LDG-auto-tuners@yahoogroups.com
Sent: Wednesday, January 25, 2012 6:29 PM
Subject: [LDG-auto-tuners] AT-200Pro and TS2000

I love my AT-200Pro but would love to find a way to interface it with the TS2000 so I would only have to push one button to tune. Presently, I have to go to AM (for reduced power) push the send button, let the tuner do it's thing and then go back to the mode I am using. I realize that LDG makes a unit for the Kenwood but it was more than I paid for the AT-200Pro (from a friend who upgraded his tuner so he could use an amplifier). There seems to be a cable connection for the Icom but nothing for the Kenwood. Anyone have any ideas??

[Non-text portions of this message have been removed]

5218. Re: [LDG-auto-tuners] AT-200Pro and TS2000

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-01-26 13:35:39 UTC
From: Leonard K. Pennock
Topic: 5215 Message: 5218

LDG use to make a Kenwood interface before they when to the concept of
rig specific tuners. Much better system IMHO but unless you can find
one of those interfaces on the used market you are out of luck.

You don't need to do all the steps you are talking about. LDG will tune
as soon as it detects any RF so all you need to do is whistle or even
start talking. A Trick I use to make sure it tunes quick is I have
memories for each band that contain the freq I want to start scanning
from (or band center). I then switch to that memory give a quick blow
on the mic and the tuner goes to that tune that it has memorized and I'm
ready to go from there. Much more convenient than switching modes and such.

BTW: I had the Kenwood tuner interface with my TS2K and it didn't work
right anyway. So I wound up using the above Technique. Now that I have
a Yaesu FT950 I still use the same technique and I also use the
technique with my FT857 in the mobile because the tuner is remotely
mounted so I can't push its tune button.

On 01/25/2012 07:29 PM, n8ob wrote:
> I love my AT-200Pro but would love to find a way to interface it with the TS2000
> so I would only have to push one button to tune. Presently, I have to go to AM
> (for reduced power) push the send button, let the tuner do it's thing and then
> go back to the mode I am using. I realize that LDG makes a unit for the Kenwood
> but it was more than I paid for the AT-200Pro (from a friend who upgraded his
> tuner so he could use an amplifier). There seems to be a cable connection for
> the Icom but nothing for the Kenwood. Anyone have any ideas??
>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

--
Leonard K. Pennock
AD7AS

Those who walk bravely through life, unafraid of loss or failure,
find that they very rarely lose or fail.

5219. Re: Yaesu FT-950 with LDG AT200 Pro II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-01-26 17:51:46 UTC
From: m0saz
Topic: 5212 Message: 5219

Hi Mike,

Thanks for the reply, that seems straightforward enough and my radio would be using AM for once lol. OK I will try that and I am sure that is fine.

Thanks,

Mike
M0SAZ
--- In LDG-auto-tuners@yahoogroups.com, Mike Lichtman <TchrMe@...> wrote:
>
> Mike,
> Having owned a FT 950 and an AT 200Pro for a couple years now, I
> have found the easier tuning procedure is......
> 1)Set Menu 112 (AM Xmit Pwr) to 10 watts or so and the LDG
> tuner to the auto mode.
> 2) Tune to the Freq you want.
> 3) Switch mode to AM.
> 4) Press the PTT button until the tuner finishes adjusting.
> 5)Switch mode back to mode of choice..
> Once you set up menu 112, I find it quick and easy. Just a mode
> change and a PTT. Enjoy your new radio. 73 Mike KF6KXG
>

5220. Re: AT100 PRO II- Questions on my observations during operation.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-01-27 15:06:34 UTC
From: stereoimage73
Topic: 5187 Message: 5220

Anyone?

--- In LDG-auto-tuners@yahoogroups.com, "stereoimage73" <stereoimage73@...> wrote:
>
> Hello:
>
> Purchased an AT100pro II from AES last week while my AT897pro is being repaired. Radio is a Yaesu 897D and I have the Y-ACC cable.
>
> Some observations that are not in the manual:
>
> 1. Bypass light flashes briefly at the start of a "manual" tune. Is this normal?
>
> 2. Can I use a standard 1\8" TRS "stereo headphone extender" to give me some length on this very short Y-ACC cable? The home brew diagram in the manual seems to reflect this.
>
> 3. My 897D has a CW carrier of 100w (shown on both the radio AND the tuner LED ladder) on 10 thru 20 meters. However on 40-80 meters at 100 watts CW output of 75 watts (as shown at the radio out) the TUNER shows an power output of 100 watts.
>
> At 100 watts output on 40-80 meters (as shown by the radio) the TUNER displays blinking lights in a power output "over" state that exists.
>
> 4. Lastly, when connecting a durmmy load to the tuner on ANT 1 and ANT 2 it attempts to tune and then locks itself in BYPASS mode which I cannot disable. Is this correct functionality?
>
> Thanks so much for any responses or opinions.
>
> 73
> Mark
>

5221. Re: AT100 PRO II- Questions on my observations during operation.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-01-28 21:25:44 UTC
From: Dwayne
Topic: 5187 Message: 5221

Mark,

1) Bypass is just the state of the inductors and caps. It means zero L and zero C is currently in the tuning circuit. Since zero and zero is a possibly tuning combination, we try that during our tuning algorithm.

2) Yes.

3) Don't know. SWR and power meters in radios and autotuners are +/-10%, so they both could be right. Just to clarify, the tuner measures the power coming into the tuner from the radio, not going out to the antenna.
Many radios transmit various power levels on different bands. I've never seen one that did exactly 100 watts on all bands. It would not be unusual to see 107 watts on 40 or 80 meters.
We use Alpha watt meters (+/-2%) for testing and calibration(www.rfconcepts.com). At $750 each, it's way better than a Bird (+/-5%).

4) Yes, normal. If you tune a good dummy load, the proper solution is no L or C. Again, the bypass light is just the state of the tuning section where there is zero L and C. Press the Lup or Cup and the bypass light will go out since there is now some L or C in the tuning circuit.

Hope this helps.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "stereoimage73" <stereoimage73@...> wrote:
>
> Anyone?
>
> --- In LDG-auto-tuners@yahoogroups.com, "stereoimage73" <stereoimage73@> wrote:
> >
> > Hello:
> >
> > Purchased an AT100pro II from AES last week while my AT897pro is being repaired. Radio is a Yaesu 897D and I have the Y-ACC cable.
> >
> > Some observations that are not in the manual:
> >
> > 1. Bypass light flashes briefly at the start of a "manual" tune. Is this normal?
> >
> > 2. Can I use a standard 1\8" TRS "stereo headphone extender" to give me some length on this very short Y-ACC cable? The home brew diagram in the manual seems to reflect this.
> >
> > 3. My 897D has a CW carrier of 100w (shown on both the radio AND the tuner LED ladder) on 10 thru 20 meters. However on 40-80 meters at 100 watts CW output of 75 watts (as shown

at the radio out) the TUNER shows an power output of 100 watts.
> >
> > At 100 watts output on 40-80 meters (as shown by the radio) the TUNER displays blinking lights in a power output "over" state that exists.
> >
> > 4. Lastly, when connecting a durmmy load to the tuner on ANT 1 and ANT 2 it attempts to tune and then locks itself in BYPASS mode which I cannot disable. Is this correct functionality?
> >
> > Thanks so much for any responses or opinions.
> >
> > 73
> > Mark
> >
>

5222. LDG 200 Pro vs LDG 200 Pro II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-01-31 05:28:31 UTC
From: mlicht103
Topic: 5222 Message: 5222

When the new pro II came out I thought the only difference was the addition of bypass and ant choice LEDs on the front panel, but in reading the advertising, I now realize that they reduced the number of memories from 16K 3D memories to just 2K per ant switch position. Now in all honesty I probably do not need more than 2K memories but I was just curious. It seems LDG also eliminated some memory flexibility too. So my question is... Is this a downgrade or an upgrade? 73 Mike KF6KXG

5223. AT-100 Pro II - Some issues running constant carrier at 75 - 100W

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-02-05 12:58:47 UTC
From: Josh Mesilane
Topic: 5223 Message: 5223

Hi All,

I've had an AT-100 Pro II for about two weeks now (bought brand new) and I'm having some issues. I have sent a message to LDG via the contact us form, but thought I might ask here to see if anybody knows of the issues I'm experiencing.

My system is as follows:

45m doublet elevated 10m from the ground fed with "home brew" ladder line composed of 2.5mm^2 conductors spaced 60mm apart.
LDG 1:1 Balun
Yaesu FT-857D

So far I've had no issues with the tuner except under a single set of cirumstances, that is:

40m(Or 20 for that matter)/Data (PSK, Olivia, RTTY, etc)/75 - 100W

If I run 30W of Data or run SSB, the problem does not occur.

When transmitting for more than 30 seconds under these conditions, the SWR will start to raise, with no change whatsoever to the antenna or feed systems. The SWR gets progressively higher until it reaches approx 3:1, however does not go into the "Over" condition on the tuner. When this happens there is a noticeable ticking sound coming from the unit, however not the usual relay clunk. I noticed this evening an odd smell coming from the unit when it went into such conditions, and thought I would pop the case off to investigate, what I found was that the two centre inductors, and the two relays, presumably associated with these inductors had gotten warm, very warm. Too warm to touch. The hot glue under the inductors had also softened, although not what I would consider molten.

If given time to cool down, the high SWR condition goes away and normal operation resumes, until it gets warm again.

I know "100W" is a bit of a washy figure, however this happens any time the LED power meter reads above 50W, and the transmitter is keyed up for more than 30 seconds.

My questions are:

Does anyone run 100W of power on these units in a constant carrier modes?
If so, have you seen anything like this before?
Are there any suggestions as to if my setup may be to blame for this condition?

On a side note, apart from this particular set of circumstances the tuner is a fantastic unit. It can tune the doublet up at better than 1.5:1 on 80, 40, 20, 15 and sits around 1.7:1 on 10. I'm very impressed with the unit, it's very well finished, quite easy to use and even though I *could* use the Y-ACC cable, I haven't had the need as yet.

Cheers,

--
Josh
VK3HGI
zindello@...
0416 039 082

[Non-text portions of this message have been removed]

5224. AT-100proII HELP!

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-02-05 17:02:38 UTC
From: deputyjoel
Topic: 5224 Message: 5224

Hello group,

Just passed my General test and leaning about HF. I bought a used Yaesu FT-857D and bought a pre-built OFC Dipole (G5RV/Windom) design antenna for 6 to 40 meters. I also bought an LDG AT-100proII tuner. I didn't get the YT-100 for the FT-857D because the small SMD fuse that powers the CAT port was blown by the previous owner. So, on to my question, I followed all the directions with the tuner and made sure I had power, radio to tuner and antenna to tuner connections. I reduced the power and transmitted on 40 meters. The SWR bar was at max and there were clicking/buzzing sounds that made me nurvious and then the tuner went into bypass and turned off. I tried to read/understand the codes the tuner puts out but it was confusing to my newbie brain. I disconnected the tuner and checked the SWR with the radio and my LDG FT meter and it was about 2:1. I disconnected the tuner and ultimately made my first contact about 500 miles away! So, I am confused? I checked my coax, some new RG-8U, and it was good with no shorts. Interesting that the way the antenna is set up it has a 4 to 1 balun fed directly with coax and when I installed it I cheked and found that there was continuity between the center feed of the coax and the ground st the radio end. Confused due to my FM VHF and UHF equipment experience, I contacted the seller and he advised this was the way this particular antenna works. It does appear to work well and has acceptable SWR without the tuner. So, is it this particular antenna that is the problem with the tuner? I'm just trying to learn and figure it out! Thanks in advance!

5225. Protect outdoor tuner from lightning?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-02-05 21:12:07 UTC
From: kf5mmy
Topic: 5225 Message: 5225

I'm thinking about buying an auto-tuner, mostly so that I can move the end of my antenna out of the house. I am feeding 84 feet of wire from a manual antenna tuner that sits under my IC-718. So there is RF in the house. Although by using all the ferrite cores from the Palomar RFI kit it seems the RF is under control now ...

Anyway, I use a spark plug style lighting arrestor on the antenna wire outside the house now. Not sure if this will be adequate to protect electronics of an auto-tuner. Guess I could put something like an MFJ-270MF lightning protector on the output of the auto-tuner.

What do you folks that have an auto-tuner outside the house use for lightning protection?

Jim, KF5MMY

5226. Re: [LDG-auto-tuners] AT-100proII HELP!

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-02-06 02:30:00 UTC
From: Josh Mesilane
Topic: 5224 Message: 5226

Hi,

I'm new here, but I've also got the same tuner (And the same radio, with the same blown fuse) and most of what you're asking about is more related to antenna theory than the tuner in particular.

I'll break this up into sections:

"The SWR bar was at max and there were clicking/buzzing sounds that made me nurvious and then the tuner went into bypass and turned off."

The clicking/buzzing noise is normal. The tuner works by switching various amounts of inductance and/or capacitance in and out of the circuit. The noise you can hear is the latching relays changing position, while the tuner hunts for the best match it can find. Did you release the key prior to the tuner finishing making noise? If you let it run full cycle (until it made no noise and the LEDs flashed indicating it had tuned) then *if* the bypass light was on, then the tuner could not find a better match than the antenna was already presenting to the radio, and so it "bypassed" the tuner connecting the antenna directly to your radio.

I disconnected the tuner and checked the SWR with the radio and my LDG FT meter and it was about 2:1

The antenna you're talking about I have not had specific use with, however I believe if it has been built and erected correctly it will provide a "near-enough" (in this case 2:1) match on 40m to use on a radio without the use of an external tuner. 2:1 won't cause your rig harm, and you will be able to make contacts (as you have) on this configuration.

Interesting that the way the antenna is set up it has a 4 to 1 balun fed directly with coax and when I installed it I cheked and found that there was continuity between the center feed of the coax and the ground st the radio end.

What you are measuring here is the DC resistance of the coils inside the balun. These will show a very low resistance at DC, however when coupled to an antenna (your G5RV) and fed with RF, the coil and corresponding antenna will present a very different impedance (resistance if you like?) to the radio. The tuner is designed to match this resistance to the 50 ohm impedance of your rig.

You may find that you don't have any problem at all, however I would expect if the antenna is presenting 2:1 to the radio without a tuner, that the LDG tuner should be able to match that 1:1 (No lights on the bottom bar of your tuner). Did you let the tuner run full cycle, or did you lift the key before the buzzing/clicking noise finished?

Cheers,
Josh

On Mon, Feb 6, 2012 at 4:02 AM, deputyjoel <deputyjoel@...> wrote:

> **
>
>
> Hello group,
>
> Just passed my General test and leaning about HF. I bought a used Yaesu
> FT-857D and bought a pre-built OFC Dipole (G5RV/Windom) design antenna for
> 6 to 40 meters. I also bought an LDG AT-100proII tuner. I didn't get the
> YT-100 for the FT-857D because the small SMD fuse that powers the CAT port
> was blown by the previous owner. So, on to my question, I followed all the
> directions with the tuner and made sure I had power, radio to tuner and
> antenna to tuner connections. I reduced the power and transmitted on 40
> meters. The SWR bar was at max and there were clicking/buzzing sounds that
> made me nurvious and then the tuner went into bypass and turned off. I
> tried to read/understand the codes the tuner puts out but it was confusing
> to my newbie brain. I disconnected the tuner and checked the SWR with the
> radio and my LDG FT meter and it was about 2:1. I disconnected the tuner
> and ultimately made my first contact about 500 miles away! So, I am
> confused? I checked my coax, some new RG-8U, and it was good with no
> shorts. Interesting that the way the antenna is set up it has a 4 to 1
> balun fed directly with coax and when I installed it I cheked and found
> that there was continuity between the center feed of the coax and the
> ground st the radio end. Confused due to my FM VHF and UHF equipment
> experience, I contacted the seller and he advised this was the way this
> particular antenna works. It does appear to work well and has acceptable
> SWR without the tuner. So, is it this particular antenna that is the
> problem with the tuner? I'm just trying to learn and figure it out! Thanks
> in advance!
>
>
>

--
Josh
VK3HGI
zindello@...
0416 039 082

[Non-text portions of this message have been removed]

5227. Re: [LDG-auto-tuners] AT-100 Pro II - Some issues running constant carrier at 75 - 100W

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-02-06 03:01:09 UTC
From: Don Sanders
Topic: 5223 Message: 5227

Josh, the tuner is rated at 100 watts PEP. Not continuous power.
Likewise the Radio is also rated same. Like AM mode, data should not exceed
perhaps 40 watts.
What you are experiencing is probably normal for any 100 watt rated tuner.
SSB and CW are intermittant moides and the heating doesa not rise to the
levels as continuous carrier.
Back down to 40 watts and you should be OK.
My LDG AT-100 PRO works well at that level.

Dr Don HC4/W4BWS

On Sun, Feb 5, 2012 at 7:58 AM, Josh Mesilane <zindello@...> wrote:

> **
>
>
> Hi All,
>
> I've had an AT-100 Pro II for about two weeks now (bought brand new) and
> I'm having some issues. I have sent a message to LDG via the contact us
> form, but thought I might ask here to see if anybody knows of the issues
> I'm experiencing.
>
> My system is as follows:
>
> 45m doublet elevated 10m from the ground fed with "home brew" ladder line
> composed of 2.5mm^2 conductors spaced 60mm apart.
> LDG 1:1 Balun
> Yaesu FT-857D
>
> So far I've had no issues with the tuner except under a single set of
> cirumstances, that is:
>
> 40m(Or 20 for that matter)/Data (PSK, Olivia, RTTY, etc)/75 - 100W
>
> If I run 30W of Data or run SSB, the problem does not occur.
>
> When transmitting for more than 30 seconds under these conditions, the SWR
> will start to raise, with no change whatsoever to the antenna or feed
> systems. The SWR gets progressively higher until it reaches approx 3:1,
> however does not go into the "Over" condition on the tuner. When this
> happens there is a noticeable ticking sound coming from the unit, however
> not the usual relay clunk. I noticed this evening an odd smell coming from
> the unit when it went into such conditions, and thought I would pop the

> case off to investigate, what I found was that the two centre inductors,
> and the two relays, presumably associated with these inductors had gotten
> warm, very warm. Too warm to touch. The hot glue under the inductors had
> also softened, although not what I would consider molten.
>
> If given time to cool down, the high SWR condition goes away and normal
> operation resumes, until it gets warm again.
>
> I know "100W" is a bit of a washy figure, however this happens any time the
> LED power meter reads above 50W, and the transmitter is keyed up for more
> than 30 seconds.
>
> My questions are:
>
> Does anyone run 100W of power on these units in a constant carrier modes?
> If so, have you seen anything like this before?
> Are there any suggestions as to if my setup may be to blame for this
> condition?
>
> On a side note, apart from this particular set of circumstances the tuner
> is a fantastic unit. It can tune the doublet up at better than 1.5:1 on 80,
> 40, 20, 15 and sits around 1.7:1 on 10. I'm very impressed with the unit,
> it's very well finished, quite easy to use and even though I *could* use
> the Y-ACC cable, I haven't had the need as yet.
>
> Cheers,
>
> --
> Josh
> VK3HGI
> zindello@...
> 0416 039 082
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

5228. Re: [LDG-auto-tuners] Protect outdoor tuner from lightning?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-02-06 03:33:46 UTC
From: Don Sanders
Topic: 5225 Message: 5228

Jim,
First let me say that i do not operate when there is lightening.
Secondly, I disconnect the antennas when I am not using them.
And they are grounded after disconnecting.
That removes any need for lightening arresters.

I do operate a AT 100 PRO and I have both a Blitz Bug spark type
in the coax line at the tuner output and I have 50,000 (50K) ohm
resistors across the centerfed dipole antenna terminals at the coax
feed and also across the 300 ohm feed line on my 88 ft doublet.
This helps disappaate any static charge buildup.

I have had lightening hit about one half mile from my house and the
induced EMF in the antenna arced across a PL259.
Having worked 30 years in the Space industry in Florida, I can tell you
there is very little you can do to prevent lightening damage if it truely
strikes your antenna or the power or phone line.
There are grounding techniques that will surely lessen any damage.
We employed extensive means to prevent damage and experienced
lightening hits often on our 40 and 85 foot dish antennas.
However the best, most economical approach for most hams,
is as I explained at the beginning.

For your equipment, make sure that all are grounded to an earth ground.
I also disconnect the AC from the station with a large disconnect panel so
hopefully if the power line does get hit, the voltage will not seek a path
through my equipment.

In 60 plus years I have not had a direct hit on my station.
However I have experienced several near hits and high induced EMF.
Others may have differing opinions, but so far it has worked for me.

Dr Don W4BWS
On Sun, Feb 5, 2012 at 4:12 PM, kf5mmy <kajder@...> wrote:

> **
>
>
> I'm thinking about buying an auto-tuner, mostly so that I can move the end
> of my antenna out of the house. I am feeding 84 feet of wire from a manual
> antenna tuner that sits under my IC-718. So there is RF in the house.
> Although by using all the ferrite cores from the Palomar RFI kit it seems
> the RF is under control now ...
>
> Anyway, I use a spark plug style lighting arrestor on the antenna wire
> outside the house now. Not sure if this will be adequate to protect

> electronics of an auto-tuner. Guess I could put something like an MFJ-270MF
> lightning protector on the output of the auto-tuner.
>
> What do you folks that have an auto-tuner outside the house use for
> lightning protection?
>
> Jim, KF5MMY
>
>
>

[Non-text portions of this message have been removed]

5229. Re: AT-100 Pro II - Some issues running constant carrier at 75 - 100W

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-02-06 10:51:01 UTC
From: m0saz
Topic: 5223 Message: 5229

Hi Don,

I concur with you. In my earlier career in Ham Radio I had an AT-100 pro and had a go at data modes (doesn't interest me but I thought I would try it.) I had the same flash-over that Josh mentioned, running PSK at something like 75+ watts. Not good, but incredibly the tuner continued to work after with no faults. I now have an AT-200 pro II, so in theory, if I was to do data modes, I could run a lot more power but alas CW/SSB is my only interest.

Lesson learned!

Mike
M0SAZ

--- In LDG-auto-tuners@yahoogroups.com, Don Sanders <w4bws1@...> wrote:
>
> Josh, the tuner is rated at 100 watts PEP. Not continuous power.
> Likewise the Radio is also rated same. Like AM mode, data should not exceed
> perhaps 40 watts.
> What you are experiencing is probably normal for any 100 watt rated tuner.
> SSB and CW are intermittant moides and the heating doesa not rise to the
> levels as continuous carrier.
> Back down to 40 watts and you should be OK.
> My LDG AT-100 PRO works well at that level.
>
> Dr Don HC4/W4BWS

5230. Re: [LDG-auto-tuners] Protect outdoor tuner from lightning?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-02-06 15:53:44 UTC
From: Jim Lynch
Topic: 5225 Message: 5230

I agree with everything Don said. If you stick around the hobby long enough and live in an area that gets thunderstorms, you most likely suffer from lightening eventually. In addition to his advice the next best thing to do is buy insurance. I think the ARRL is still offering reasonable coverage. Last time I got hit, my household insurance covered some of the damage, but the deductible is pretty high.

Jim de K4GVO
On 02/05/2012 10:33 PM, Don Sanders wrote:
> Jim,
> First let me say that i do not operate when there is lightening.
> Secondly, I disconnect the antennas when I am not using them.
> And they are grounded after disconnecting.
> That removes any need for lightening arresters.
>
> I do operate a AT 100 PRO and I have both a Blitz Bug spark type
> in the coax line at the tuner output and I have 50,000 (50K) ohm
> resistors across the centerfed dipole antenna terminals at the coax
> feed and also across the 300 ohm feed line on my 88 ft doublet.
> This helps disappaate any static charge buildup.
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> I have had lightening hit about one half mile from my house and the
> induced EMF in the antenna arced across a PL259.
> Having worked 30 years in the Space industry in Florida, I can tell you
> there is very little you can do to prevent lightening damage if it truely
> strikes your antenna or the power or phone line.
> There are grounding techniques that will surely lessen any damage.
> We employed extensive means to prevent damage and experienced
> lightening hits often on our 40 and 85 foot dish antennas.
> However the best, most economical approach for most hams,
> is as I explained at the beginning.
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> For your equipment, make sure that all are grounded to an earth ground.
> I also disconnect the AC from the station with a large disconnect panel so
> hopefully if the power line does get hit, the voltage will not seek a path
> through my equipment.
>
> In 60 plus years I have not had a direct hit on my station.
> However I have experienced several near hits and high induced EMF.
> Others may have differing opinions, but so far it has worked for me.
>
> Dr Don W4BWS
> On Sun, Feb 5, 2012 at 4:12 PM, kf5mmy<kajder@...> wrote:
>
>> **

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>> I'm thinking about buying an auto-tuner, mostly so that I can move the end
>> of my antenna out of the house. I am feeding 84 feet of wire from a manual
>> antenna tuner that sits under my IC-718. So there is RF in the house.
>> Although by using all the ferrite cores from the Palomar RFI kit it seems
>> the RF is under control now ...
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>> Anyway, I use a spark plug style lighting arrestor on the antenna wire
>> outside the house now. Not sure if this will be adequate to protect
>> electronics of an auto-tuner. Guess I could put something like an MFJ-270MF
>> lightning protector on the output of the auto-tuner.
>>
>> What do you folks that have an auto-tuner outside the house use for
>> lightning protection?
>>
>> Jim, KF5MMY
>>
>>
>>

5231. Re: [LDG-auto-tuners] Re: AT-100 Pro II - Some issues running constant carrier at 75 - 100W

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-02-06 14:59:34 UTC
From: Bill Aycock
Topic: 5223 Message: 5231

Apparently you did NOT learn the real lesson; today's 100 Watt rigs are designed for a PEP rating, and if you drive them with constant output at that level (as the digital modes do) they rebel. ALL the digital mode instructions I have read say to power down, to stay within the ratings. What do the Specs on your rig say about allowed FM power level?
Bill--W4BSG

----- Original Message -----
From: "m0saz" <michael@...>
To: <LDG-auto-tuners@yahoogroups.com>
Sent: Monday, February 06, 2012 4:51 AM
Subject: [LDG-auto-tuners] Re: AT-100 Pro II - Some issues running constant carrier at 75 - 100W

> Hi Don,
>
> I concur with you. In my earlier career in Ham Radio I had an AT-100 pro
> and had a go at data modes (doesn't interest me but I thought I would try
> it.) I had the same flash-over that Josh mentioned, running PSK at
> something like 75+ watts. Not good, but incredibly the tuner continued to
> work after with no faults. I now have an AT-200 pro II, so in theory, if I
> was to do data modes, I could run a lot more power but alas CW/SSB is my
> only interest.
>
> Lesson learned!
>
> Mike
> M0SAZ
>
> --- In LDG-auto-tuners@yahoogroups.com, Don Sanders <w4bws1@...> wrote:
>>
>> Josh, the tuner is rated at 100 watts PEP. Not continuous power.
>> Likewise the Radio is also rated same. Like AM mode, data should not
>> exceed
>> perhaps 40 watts.
>> What you are experiencing is probably normal for any 100 watt rated
>> tuner.
>> SSB and CW are intermittant moides and the heating doesa not rise to the
>> levels as continuous carrier.
>> Back down to 40 watts and you should be OK.
>> My LDG AT-100 PRO works well at that level.
>>
>> Dr Don HC4/W4BWS
>

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> ------------------------------------
>
> Yahoo! Groups Links
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>

5232. Re: Protect outdoor tuner from lightning?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-02-07 06:46:49 UTC
From: kf5mmy
Topic: 5225 Message: 5232

Thanks for the feedback, Jim and Don.
I short my end fed wire antenna to ground wire now with a knife switch when I am not on the air. No problem with the manual tuner on the desk under my transceiver. And the spark plug lightning arrester is outside the house, bolted to the top of a ground rod. But if I get an auto-tuner and put it outside at the base of the antenna ... I need to think about how to do this so that the auto-tuner is protected from the weather, and so that I can still easily disconnect the antenna from the tuner and connect the antenna to ground.

Jim, KF5MMY

5233. Re: AT-100proII HELP!

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-02-07 19:55:15 UTC
From: deputyjoel
Topic: 5224 Message: 5233

Thanks for the reply Josh. I did let the tuner run full cycle and it went into bypass. Since I am new to HF and automatic tuners, I was unaware that they made such a racket! If this noise is normal and if my antenna is already a good match and the tuner is suppose to go into bypass, then all is well. I appreciate your help. I thought there was something wrong with my tuner!

Joel K6OJN

--- In LDG-auto-tuners@yahoogroups.com, Josh Mesilane <zindello@...> wrote:
>
> Hi,
>
> I'm new here, but I've also got the same tuner (And the same radio, with
> the same blown fuse) and most of what you're asking about is more related
> to antenna theory than the tuner in particular.
>
> I'll break this up into sections:
>
> *"The SWR bar was at max and there were clicking/buzzing sounds that made
> me nurvious and then the tuner went into bypass and turned off."*
>
> The clicking/buzzing noise is normal. The tuner works by switching various
> amounts of inductance and/or capacitance in and out of the circuit. The
> noise you can hear is the latching relays changing position, while the
> tuner hunts for the best match it can find. Did you release the key prior
> to the tuner finishing making noise? If you let it run full cycle (until it
> made no noise and the LEDs flashed indicating it had tuned) then *if* the
> bypass light was on, then the tuner could not find a better match than the
> antenna was already presenting to the radio, and so it "bypassed" the tuner
> connecting the antenna directly to your radio.
>
> *I disconnected the tuner and checked the SWR with the radio and my LDG FT
> meter and it was about 2:1*
>
> The antenna you're talking about I have not had specific use with, however
> I believe if it has been built and erected correctly it will provide a
> "near-enough" (in this case 2:1) match on 40m to use on a radio without the
> use of an external tuner. 2:1 won't cause your rig harm, and you will be
> able to make contacts (as you have) on this configuration.
>
> *Interesting that the way the antenna is set up it has a 4 to 1 balun fed
> directly with coax and when I installed it I cheked and found that there
> was continuity between the center feed of the coax and the ground st the
> radio end.*
>

> What you are measuring here is the DC resistance of the coils inside the
> balun. These will show a very low resistance at DC, however when coupled to
> an antenna (your G5RV) and fed with RF, the coil and corresponding antenna
> will present a very different impedance (resistance if you like?) to the
> radio. The tuner is designed to match this resistance to the 50 ohm
> impedance of your rig.
>
> You may find that you don't have any problem at all, however I would expect
> if the antenna is presenting 2:1 to the radio without a tuner, that the LDG
> tuner should be able to match that 1:1 (No lights on the bottom bar of your
> tuner). Did you let the tuner run full cycle, or did you lift the key
> before the buzzing/clicking noise finished?
>
> Cheers,
> Josh
>
> On Mon, Feb 6, 2012 at 4:02 AM, deputyjoel <deputyjoel@...> wrote:
>
> > **
> > >
> > >
> > > Hello group,
> > >
> > > Just passed my General test and leaning about HF. I bought a used Yaesu
> > > FT-857D and bought a pre-built OFC Dipole (G5RV/Windom) design antenna for
> > > 6 to 40 meters. I also bought an LDG AT-100proII tuner. I didn't get the
> > > YT-100 for the FT-857D because the small SMD fuse that powers the CAT port
> > > was blown by the previous owner. So, on to my question, I followed all the
> > > directions with the tuner and made sure I had power, radio to tuner and
> > > antenna to tuner connections. I reduced the power and transmitted on 40
> > > meters. The SWR bar was at max and there were clicking/buzzing sounds that
> > > made me nurvious and then the tuner went into bypass and turned off. I
> > > tried to read/understand the codes the tuner puts out but it was confusing
> > > to my newbie brain. I disconnected the tuner and checked the SWR with the
> > > radio and my LDG FT meter and it was about 2:1. I disconnected the tuner
> > > and ultimately made my first contact about 500 miles away! So, I am
> > > confused? I checked my coax, some new RG-8U, and it was good with no
> > > shorts. Interesting that the way the antenna is set up it has a 4 to 1
> > > balun fed directly with coax and when I installed it I cheked and found
> > > that there was continuity between the center feed of the coax and the
> > > ground st the radio end. Confused due to my FM VHF and UHF equipment
> > > experience, I contacted the seller and he advised this was the way this
> > > particular antenna works. It does appear to work well and has acceptable
> > > SWR without the tuner. So, is it this particular antenna that is the
> > > problem with the tuner? I'm just trying to learn and figure it out! Thanks
> > > in advance!
> > >
> > >
> > >
>

>
>
> --
> Josh
> VK3HGI
> zindello@...
> 0416 039 082
>
>
> [Non-text portions of this message have been removed]
>

5234. YT-450 Support

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-02-08 03:13:53 UTC
From: b.denley@comcast.net
Topic: 5224 Message: 5234

My YT-450 was not working under computer control. I sent the unit back to LDG. T hey verified to proble m and fixed it at no cost to me. Great support!

Brian KB1VBF

[Non-text portions of this message have been removed]

5235. Re: [LDG-auto-tuners] Protect outdoor tuner from lightning?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-02-08 00:43:08 UTC
From: DALE
Topic: 5225 Message: 5235

If you get a direct hit nothing will work.
I do not worry about it, if I get hit it gives me a reason to upgrade my equipment.
If you have old stuff it needs upgrade anyway, and the XYL understands better why you are spending more money .
dale

----- Original Message -----
From: "kf5mmy" <kajder@...>
To: LDG-auto-tuners@yahoogroups.com
Sent: Sunday, February 5, 2012 1:12:07 PM
Subject: [LDG-auto-tuners] Protect outdoor tuner from lightning?

I'm thinking about buying an auto-tuner, mostly so that I can move the end of my antenna out of the house. I am feeding 84 feet of wire from a manual antenna tuner that sits under my IC-718. So there is RF in the house. Although by using all the ferrite cores from the Palomar RFI kit it seems the RF is under control now ...

Anyway, I use a spark plug style lighting arrestor on the antenna wire outside the house now. Not sure if this will be adequate to protect electronics of an auto-tuner. Guess I could put something like an MFJ-270MF lightning protector on the output of the auto-tuner.

What do you folks that have an auto-tuner outside the house use for lightning protection?

Jim, KF5MMY

[Non-text portions of this message have been removed]

5236. Re: Protect outdoor tuner from lightning?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-02-10 00:13:04 UTC
From: Mike Lichtman
Topic: 5225 Message: 5236

On the other hand, if you purchase the ARRL insurance, you get paid so you can buy new equipment. 73 Mike KF6KXG

5237. AT-100 ProII & AT-200 ProII

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-02-10 12:40:42 UTC
From: gntgrg
Topic: 5237 Message: 5237

Dear's,

im planning to buy a Yaesu Ft-857.
I wish to use digital mode psk31.
I understand that the AT-100 is Ok but some one suggest to use
the AT-200 for digital mode because admit more continous power.

What do you think ?

Thanks a lot.
73.

5238. Re: [LDG-auto-tuners] AT-100 ProII & AT-200 ProII

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-02-10 22:30:50 UTC
From: Jim Lynch
Topic: 5237 Message: 5238

On 02/10/2012 07:40 AM, gntgrg wrote:
> Dear's,
>
> im planning to buy a Yaesu Ft-857.
> I wish to use digital mode psk31.
> I understand that the AT-100 is Ok but some one suggest to use
> the AT-200 for digital mode because admit more continous power.
>
> What do you think ?
>
> Thanks a lot.
> 73.
>
>
If you plan on using the 857 at full power, sure, but no one with psk31 experience is using more than 20 watts. I use 5 watts all the time and have no problem communicating with anyone I want.

I'm sure someone will pipe in with a different opinion but I assure you psk31 works quite satisfactorily at low power.

Jim de K4GVO

5239. High SWR reading on my AT-100Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-02-11 01:28:24 UTC
From: TomW
Topic: 5239 Message: 5239

Good Evening to Everyone,

I recently bought a new back-up rig. It is an Icom IC-7200. I had the AT-100Pro on the shelf for several years. As I had an interface for the Icom I decided to use this tuner with the new rig. My main rig is a Yaesu FT-950 going through an LDG AT-1000Pro tuner. I use the same antenna with both rigs. after tuning, the AT-1000Pro shows a flat SWR. The AT-100Pro shows an SWR of 1.7:1 on the Icom. The onboard SWR meter on the Icom shows a flat SWR,and the Daiwa CN-801HP also shows a flat SWR. Both tuners seem to be working. My question is, should I believe the AT-100Pro or the onboard and Daiwa meters.

Thanks
Tom de AC8JT

5240. Re: [LDG-auto-tuners] High SWR reading on my AT-100Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-02-11 02:08:55 UTC
From: Don Sanders
Topic: 5239 Message: 5240

The AT 100 PRO may be working right. There is some tolerance in all measurements.
However, the AT 100 PRO has a setting for SWR. If it is set at 2.0 then the tuner will stop anywhere below that setting.
But if you set it too low, say 1.5 then the tuner never shuts-up and the noise is very annoying. Especially to my wife.

So check the manual again and verify that it is set where you want it.
Bottom line, If it is truely anywhere below 2 to 1 the radio could care less and you still have little loss.
Mine is set for 2.0 to 1 and it tunes only when I make a large frequency change.

Dr Don W4BWS

On Fri, Feb 10, 2012 at 8:28 PM, TomW <uncleslim@...> wrote:

> **
>
>
> Good Evening to Everyone,
>
> I recently bought a new back-up rig. It is an Icom IC-7200. I had the
> AT-100Pro on the shelf for several years. As I had an interface for the
> Icom I decided to use this tuner with the new rig. My main rig is a Yaesu
> FT-950 going through an LDG AT-1000Pro tuner. I use the same antenna with
> both rigs. after tuning, the AT-1000Pro shows a flat SWR. The AT-100Pro
> shows an SWR of 1.7:1 on the Icom. The onboard SWR meter on the Icom shows
> a flat SWR,and the Daiwa CN-801HP also shows a flat SWR. Both tuners seem
> to be working. My question is, should I believe the AT-100Pro or the
> onboard and Daiwa meters.
>
> Thanks
> Tom de AC8JT
>
>
>

--
Dr. Don W4BWS

[Non-text portions of this message have been removed]

5241. Re: [LDG-auto-tuners] AT-100 ProII & AT-200 ProII

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-02-11 02:26:33 UTC
From: Bill Aycock
Topic: 5237 Message: 5241

Although the AT-100 will be more than adequate for the FT-857, I would get
the AT-200, for the possibility of future need.
However, you should NEVER run the FT-857 at full power in the digital modes.
PSK31 is a continuous signal mode, so you should limit power to the ratings
for FM or AM modes Most people run at 40-50 Watts.
Bill--W4BSG
----- Original Message -----
From: "gntgrg" <gntgrg@...>
To: <LDG-auto-tuners@yahoogroups.com>
Sent: Friday, February 10, 2012 6:40 AM
Subject: [LDG-auto-tuners] AT-100 ProII & AT-200 ProII

> Dear's,
>
> im planning to buy a Yaesu Ft-857.
> I wish to use digital mode psk31.
> I understand that the AT-100 is Ok but some one suggest to use
> the AT-200 for digital mode because admit more continous power.
>
> What do you think ?
>
> Thanks a lot.
> 73.
>
>
>
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>
> Yahoo! Groups Links
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>

5242. Re: Protect outdoor tuner from lightning?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-02-11 05:37:33 UTC
From: kf5mmy
Topic: 5225 Message: 5242

Thanks! I will look into the insurance.

--- In LDG-auto-tuners@yahoogroups.com, Mike Lichtman <TchrMe@...> wrote:
>
> On the other hand, if you purchase the ARRL insurance, you get paid so
> you can buy new equipment. 73 Mike KF6KXG
>

5243. Re: [LDG-auto-tuners] AT-100 ProII & AT-200 ProII

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-02-11 05:47:31 UTC
From: Josh Mesilane
Topic: 5237 Message: 5243

Hi,

I recently went down this road. *The AT-100 Pro II will NOT handle a 100W carrier. The inductors WILL get hot, you WILL hear flash-over noises from the unit and the SWR WILL go through the roof.* The unit however did recover in my case, once allowed to cool down.

The FT-857 (Which is the radio I run) will also get quite warm, although if your fans aren't worn or full of dust it *should* be able to keep the unit cool enough to cause it not to fry, at least not straight away anyway.

I've found that running 30-40w (40W Max!) of constant carrier is all the AT-100 Pro II can handle before it start to get hot and grumpy.

The difference between 30 and 100W is only 5.2db (and 3.9db in the case of 40W) which is going to be good for maybe 1.5 S points at best and on a mode that works really really well in noisy environments you probably don't need the 100W.

Cheers,

On Sat, Feb 11, 2012 at 1:26 PM, Bill Aycock <billaycock@...>wrote:

> **
>
>
> Although the AT-100 will be more than adequate for the FT-857, I would get
> the AT-200, for the possibility of future need.
> However, you should NEVER run the FT-857 at full power in the digital
> modes.
> PSK31 is a continuous signal mode, so you should limit power to the
> ratings
> for FM or AM modes Most people run at 40-50 Watts.
> Bill--W4BSG
>
> ----- Original Message -----
> From: "gntgrg" <gntgrg@...>
> To: <LDG-auto-tuners@yahoogroups.com>
> Sent: Friday, February 10, 2012 6:40 AM
> Subject: [LDG-auto-tuners] AT-100 ProII & AT-200 ProII
>
> > Dear's,
> >
> > im planning to buy a Yaesu Ft-857.
> > I wish to use digital mode psk31.
> > I understand that the AT-100 is Ok but some one suggest to use
> > the AT-200 for digital mode because admit more continous power.

> >
> > What do you think ?
> >
> > Thanks a lot.
> > 73.
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
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>
>
>

--
Josh
VK3HGI
zindello@chibiko.net
0416 039 082

[Non-text portions of this message have been removed]

5244. Re: AT-100 ProII & AT-200 ProII

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-02-11 08:19:09 UTC
From: Dwayne
Topic: 5237 Message: 5244

Hello,

John and Bill are correct. The 125 watt rating is for PEP. You should half that for high duty cycle modes and reduce it even further for continuous duty modes like RTTY or PSK.

Likewise for the radio. You can get by a few times running the radio at full power for long periods, but eventually it will fail.

The design of LDG tuners use toroidal cores that are fairly unforgiving in this respect. If you heat them, you may hear the glue melt or pop before the inductor fails. In this case only, letting it cool may allow the tuner to work again.

However, if the cores themselves overheat, the characteristics change and are not reversible by time.

So the responses are correct. Lower the RF power for continuous duty mode to save the tuner and the radio.

Even if you got the 200ProII, you will eventually fry the radio.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, Josh Mesilane <zindello@...> wrote:
>
> Hi,
>
> I recently went down this road. *The AT-100 Pro II will NOT handle a 100W
> carrier. The inductors WILL get hot, you WILL hear flash-over noises from
> the unit and the SWR WILL go through the roof.* The unit however did
> recover in my case, once allowed to cool down.
>
> The FT-857 (Which is the radio I run) will also get quite warm, although if
> your fans aren't worn or full of dust it *should* be able to keep the unit
> cool enough to cause it not to fry, at least not straight away anyway.
>
> I've found that running 30-40w (40W Max!) of constant carrier is all the
> AT-100 Pro II can handle before it start to get hot and grumpy.
>
> The difference between 30 and 100W is only 5.2db (and 3.9db in the case of
> 40W) which is going to be good for maybe 1.5 S points at best and on a mode
> that works really really well in noisy environments you probably don't need
> the 100W.
>
> Cheers,
>
> On Sat, Feb 11, 2012 at 1:26 PM, Bill Aycock <billaycock@...>wrote:

>
> > **
> >
> >
> > Although the AT-100 will be more than adequate for the FT-857, I would get
> > the AT-200, for the possibility of future need.
> > However, you should NEVER run the FT-857 at full power in the digital
> > modes.
> > PSK31 is a continuous signal mode, so you should limit power to the
> > ratings
> > for FM or AM modes Most people run at 40-50 Watts.
> > Bill--W4BSG
> >
> > > Dear's,
> > >
> > > im planning to buy a Yaesu Ft-857.
> > > I wish to use digital mode psk31.
> > > I understand that the AT-100 is Ok but some one suggest to use
> > > the AT-200 for digital mode because admit more continous power.
> > >
> > > What do you think ?
> > >
> > > Thanks a lot.
> > > 73.
> > >
> > >

5245. Re: AT-100 ProII & AT-200 ProII

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-02-11 10:38:52 UTC
From: gntgrg
Topic: 5237 Message: 5245

Thanks all for answer,
I know that i should lower 857 poewer.
So if i use 30 or 40 watt i'm confident with pro 100 or did you think will be better at pro 200 ?

Thanks, Giorgio.

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
> Hello,
>
> John and Bill are correct. The 125 watt rating is for PEP. You should half that for high duty cycle modes and reduce it even further for continuous duty modes like RTTY or PSK.
>
> Likewise for the radio. You can get by a few times running the radio at full power for long periods, but eventually it will fail.
>
> The design of LDG tuners use toroidal cores that are fairly unforgiving in this respect. If you heat them, you may hear the glue melt or pop before the inductor fails. In this case only, letting it cool may allow the tuner to work again.
>
> However, if the cores themselves overheat, the characteristics change and are not reversible by time.
>
> So the responses are correct. Lower the RF power for continuous duty mode to save the tuner and the radio.
>
> Even if you got the 200ProII, you will eventually fry the radio.
>
> Dwayne Kincaid
> LDG
>
> --- In LDG-auto-tuners@yahoogroups.com, Josh Mesilane <zindello@> wrote:
> >
> > Hi,
> >
> > I recently went down this road. *The AT-100 Pro II will NOT handle a 100W
> > carrier. The inductors WILL get hot, you WILL hear flash-over noises from
> > the unit and the SWR WILL go through the roof.* The unit however did
> > recover in my case, once allowed to cool down.
> >
> > The FT-857 (Which is the radio I run) will also get quite warm, although if
> > your fans aren't worn or full of dust it *should* be able to keep the unit
> > cool enough to cause it not to fry, at least not straight away anyway.
> >

> > I've found that running 30-40w (40W Max!) of constant carrier is all the
> > AT-100 Pro II can handle before it start to get hot and grumpy.
> >
> > The difference between 30 and 100W is only 5.2db (and 3.9db in the case of
> > 40W) which is going to be good for maybe 1.5 S points at best and on a mode
> > that works really really well in noisy environments you probably don't need
> > the 100W.
> >
> > Cheers,
> >
> > On Sat, Feb 11, 2012 at 1:26 PM, Bill Aycock <billaycock@>wrote:
> >
> > > **
> > >
> > >
> > > Although the AT-100 will be more than adequate for the FT-857, I would get
> > > the AT-200, for the possibility of future need.
> > > However, you should NEVER run the FT-857 at full power in the digital
> > > modes.
> > > PSK31 is a continuous signal mode, so you should limit power to the
> > > ratings
> > > for FM or AM modes Most people run at 40-50 Watts.
> > > Bill--W4BSG
> > >
> > > > Dear's,
> > > >
> > > > im planning to buy a Yaesu Ft-857.
> > > > I wish to use digital mode psk31.
> > > > I understand that the AT-100 is Ok but some one suggest to use
> > > > the AT-200 for digital mode because admit more continous power.
> > > >
> > > > What do you think ?
> > > >
> > > > Thanks a lot.
> > > > 73.
> > > >
> > > >
>

5246. RE: [LDG-auto-tuners] Re: Value of Resistor R17 in the AT-200 Pro Autotuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-02-11 19:33:39 UTC
From: Dave Watson
Topic: 5188 Message: 5246

Thanks Gene and Dwayne! I had to order the 4.7k 2 watt resistor and it came in while I was building an SDR radio kit so it had to wait until the bench was cleared. Just installed it this morning and the AT200Pro Autotuner is back in service and back to its old self doing a fine job. Saved me $260!

Dave (W4DJW)

From: LDG-auto-tuners@yahoogroups.com
[mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Dwayne
Sent: Monday, January 23, 2012 2:28 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: Value of Resistor R17 in the AT-200 Pro Autotuner

Don't worry about it Gene,

I'm color blind for the most part, so I have to look it up on the parts list. ;-)

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com
<mailto:LDG-auto-tuners%40yahoogroups.com> , Gene Deck <gandcdeck@...>
wrote:
>
> Dave,
>
>
>
> As Dwayne stated the R17 resistor is a 4.7K ohm resistor.
>
> My old eyes seen the violet color as a brown color. I had the younger eyes
> take a look here and now I'm convinced I need my cataracts removed.
>
>
>
> 73.
>
> Gene
>
> W0PYZ
>
>
>

>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

5247. RE: [LDG-auto-tuners] Re: Value of Resistor R17 in the AT-200 Pro Autotuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-02-11 21:40:45 UTC
From: cpu_nut
Topic: 5188 Message: 5247

Great job :-)

Craig

--- On Sat, 2/11/12, Dave Watson <davewatson@charter.net> wrote:

> From: Dave Watson <davewatson@...>
> Subject: RE: [LDG-auto-tuners] Re: Value of Resistor R17 in the AT-200 Pro Autotuner
> To: LDG-auto-tuners@yahoogroups.com
> Date: Saturday, February 11, 2012, 2:33 PM
> Thanks Gene and Dwayne! I had to
> order the 4.7k 2 watt resistor and it came
> in while I was building an SDR radio kit so it had to wait
> until the bench
> was cleared. Just installed it this morning and the AT200Pro
> Autotuner is
> back in service and back to its old self doing a fine job.
> Saved me $260!
>
>
>
> Dave (W4DJW)
>
>
>
> From: LDG-auto-tuners@yahoogroups.com
> [mailto:LDG-auto-tuners@yahoogroups.com]
> On Behalf Of Dwayne
> Sent: Monday, January 23, 2012 2:28 PM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: [LDG-auto-tuners] Re: Value of Resistor R17 in the
> AT-200 Pro
> Autotuner
>
>
>
>
>
> Don't worry about it Gene,
>
> I'm color blind for the most part, so I have to look it up
> on the parts
> list. ;-)
>

> Dwayne Kincaid
> LDG
>
> --- In LDG-auto-tuners@yahoogroups.com
> <mailto:LDG-auto-tuners%40yahoogroups.com> , Gene Deck
> <gandcdeck@...>
> wrote:
> >
> > Dave,
> >
> >
> >
> > As Dwayne stated the R17 resistor is a 4.7K ohm
> resistor.
> >
> > My old eyes seen the violet color as a brown color. I
> had the younger eyes
> > take a look here and now I'm convinced I need my
> cataracts removed.
> >
> >
> >
> > 73.
> >
> > Gene
> >
> > W0PYZ
> >
> >
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>

> LDG-auto-tuners-fullfeatured@yahoogroups.com
>
>

5248. RE: [LDG-auto-tuners] Re: Value of Resistor R17 in the AT-200 Pro Autotuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-02-11 20:31:35 UTC
From: Gene Deck
Topic: 5188 Message: 5248

Dave,

Glad you got it fixed all OK!

73

Gene

W0PYZ

[Non-text portions of this message have been removed]

5249. Re: [LDG-auto-tuners] Re: Protect outdoor tuner from lightning?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-02-13 02:28:26 UTC
From: Timothy-Allen Albertson
Topic: 5225 Message: 5249

https://arrlinsurance.com/userinterface/home.aspx

--
72/73 TIM ALBERTSON KD∅OIA (ex KG6IRH)

On Fri, Feb 10, 2012 at 11:37 PM, kf5mmy <kajder@...> wrote:

> **
>
>
> Thanks! I will look into the insurance.
>
>
> --- In LDG-auto-tuners@yahoogroups.com, Mike Lichtman <TchrMe@...> wrote:
> >
> > On the other hand, if you purchase the ARRL insurance, you get paid so
> > you can buy new equipment. 73 Mike KF6KXG
> >
>
>
>

[Non-text portions of this message have been removed]

5250. AT-11MP Upgrade

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-02-13 22:23:09 UTC
From: magnanbill
Topic: 853 Message: 5250

Bit of a long shot here, but I am looking for an AT-11MP upgrade kit (Ver 1.6). They are no longer made, if anyone has one they want to get rid of please contact me.
Thanks

5251. Minor update

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-02-14 03:55:41 UTC
From: Dwayne
Topic: 5251 Message: 5251

Just a quick update for this month.

The AT-1000ProII should be shipping next week (the week of Feb 20). We know there are a lot of people excited to see the new product and we apologize for the delay.

Part of the problem is we are having construction to add more space (we really need it), so production and repair times are suffering. Also we're doing final inventory (we go through January).

The M-1000 matching meter for the AT-1000ProII is slightly behind the tuner, so it should be ready the first part of March.

So, we'll get the 1000ProII out very soon and sincerely apologize for the longer repair times. We pride ourselves in trying to providing the best customer service possible and the new space will allow us to get repairs turned around even faster in the future. It will help immensely in the long run, but is causing delays during the growing phase.

Thanks for everyones patience,

Dwayne Kincaid
LDG

5252. Re: [LDG-auto-tuners] Minor update

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-02-14 15:04:56 UTC
From: Jimmy (WB8NBI)
Topic: 5251 Message: 5252

Dwayne:
Will the M-1000 be useable with any other tuner such as the At-1000Pro? Thank you for a great products. I love my At-1000Pro and ALS-600 combo.

From: Dwayne
Sent: Monday, February 13, 2012 10:55 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Minor update

Just a quick update for this month.

The AT-1000ProII should be shipping next week (the week of Feb 20). We know there are a lot of people excited to see the new product and we apologize for the delay.

Part of the problem is we are having construction to add more space (we really need it), so production and repair times are suffering. Also we're doing final inventory (we go through January).

The M-1000 matching meter for the AT-1000ProII is slightly behind the tuner, so it should be ready the first part of March.

So, we'll get the 1000ProII out very soon and sincerely apologize for the longer repair times. We pride ourselves in trying to providing the best customer service possible and the new space will allow us to get repairs turned around even faster in the future. It will help immensely in the long run, but is causing delays during the growing phase.

Thanks for everyones patience,

Dwayne Kincaid
LDG

[Non-text portions of this message have been removed]

5253. Re: Minor update

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-02-16 15:44:17 UTC
From: Dwayne
Topic: 5251 Message: 5253

Jim,

Sorry, the M-1000 will only work with the AT-1000ProII. We may look at doing a stand alone version of the meter sometime in the future.

Dwayne
LDG

--- In LDG-auto-tuners@yahoogroups.com, "Jimmy \(WB8NBI\)" <wb8nbi@...> wrote:
>
> Dwayne:
> Will the M-1000 be useable with any other tuner such as the At-1000Pro? Thank you for a great products. I love my At-1000Pro and ALS-600 combo.
>
>

5254. Re: [LDG-auto-tuners] Re: Minor update

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-02-16 17:28:42 UTC
From: Jimmy (WB8NBI)
Topic: 5251 Message: 5254

Ok Dwayne thanks for the reply. It is a good looking meter I for one would buy one.

DE Jimmy (WB8NBI)

From: Dwayne
Sent: Thursday, February 16, 2012 10:44 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: Minor update

Jim,

Sorry, the M-1000 will only work with the AT-1000ProII. We may look at doing a stand alone version of the meter sometime in the future.

Dwayne
LDG

--- In mailto:LDG-auto-tuners%40yahoogroups.com, "Jimmy \(WB8NBI\)" <wb8nbi@...> wrote:
>
> Dwayne:
> Will the M-1000 be useable with any other tuner such as the At-1000Pro? Thank you for a great products. I love my At-1000Pro and ALS-600 combo.
>
>

[Non-text portions of this message have been removed]

5255. Z-100Plus Has Quit

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-02-18 10:36:31 UTC
From: jbblack68
Topic: 5255 Message: 5255

Good morning. New to the group, but not new to LDG products.

My Z-100+ of almost two years has quit. When I press the tune button, no LED's come on, no tuning cycle starts, nothing. All I get is a whine which appears to be coming from one of the relays.

Problem is that my hearing is not what it once was. I took a toy stethoscope to try and verify which relay, but I cannot narrow it down - not even completely certain it's a relay.

I think the tuner has a two year warranty on it which will be up in late March or early April. If I send it in for repair, I'm out a tuner. Has anyone run across this? Any troubleshooting tips? How is LDG's service (I love their products) if I need to send it back?

73,
Joel - W4JBB

5256. Re: [LDG-auto-tuners] AT-100 ProII & AT-200 ProII (PSK 31 POWER OUTPUT COMMENT)

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-02-19 05:52:35 UTC
From: doug pfaff
Topic: 5237 Message: 5256

check the units manual for power out on Digital or FM

REFER TO THIS LINK HAVE COPIED HIS COMMENT BELOW http://www.mymorninglight.org/ham/psk.htm

In my humble opinion, PSK31 is one of the BEST digital modes on Ham Radio! In the same bandwidth as ONE SSB conversation, there can be literally DOZENS of "keyboard-to-keyboard" text QSO's. Because of the extremely narrow bandwidth (31Hz!) you don't need a lot of power to have a good signal. Most DX PSK31 contacts are made with power levels at or below 30 watts!
As a default "standard", 20 watts is considered a "normal/maximum" operating power. Because PSK is so efficient, it is almost never necessary to run more than this. For this reason, QRP operation on this mode is common. (There is also PSK63, which is a faster version of PSK31, but it does not seem to be very popular for some reason!)

I won't be going into the technical details of HOW PSK31 works. Here is another site, explaining the details of PSK31, how & why, etc! It is very well written. Now, when it comes to the math involved with the actual encoding/decoding... I just scratch my head! ;) It's quite beyond me! BUT, one doesn't have to know everything that's "under the hood" to drive a car, right? :) Let's just get to the BASICS of PSK31!

Think of THIS PSK31 Elmer page as more of an "operator's manual for the Layman" (PSK for Dummies???) to help you (and others) get the most out of this wonderful mode! Most importantly, there's nothing nicer for EVERYONE than a CLEAN signal! :) It is my full intent to help you become a "PSK Elmer" who can help other users of this awesome mode to get much more benefit and enjoyment from it!

DOUG VE5DCP
Doug Pfaff
doug.pfaff@...
----- Original Message -----
From: Jim Lynch
To: LDG-auto-tuners@yahoogroups.com
Sent: Friday, February 10, 2012 2:30 PM
Subject: Re: [LDG-auto-tuners] AT-100 ProII & AT-200 ProII

On 02/10/2012 07:40 AM, gntgrg wrote:
> Dear's,
>
> im planning to buy a Yaesu Ft-857.
> I wish to use digital mode psk31.
> I understand that the AT-100 is Ok but some one suggest to use
> the AT-200 for digital mode because admit more continous power.
>
> What do you think ?
>

> Thanks a lot.
> 73.
>
>
If you plan on using the 857 at full power, sure, but no one with psk31 experience is using more than 20 watts. I use 5 watts all the time and have no problem communicating with anyone I want.

I'm sure someone will pipe in with a different opinion but I assure you psk31 works quite satisfactorily at low power.

Jim de K4GVO

[Non-text portions of this message have been removed]

5257. Replacement Components for YT-100

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-02-27 04:11:04 UTC
From: Joseph
Topic: 5257 Message: 5257

Greetings Gang,

I'm new to the group, but I've had a YT-100 for a few years now, and it works flawlessly. However, While I was installing a home brew remote switch the other day, the jack on the back of the unit broke when the tuner fell from the bench. (long story, involving an excited puppy, and a PITA XYL). Anyway, the 3.5mm jack will need replacing. Now, it's a simple enough repair, but the component itself seems fairly unique. Does anyone know of a source for replacement parts? OR, does LDG sell parts? I'd hate to have to ship the thing back, wait 6 weeks and pay $30 for replacement of a $3.00 part that I could replace myself. Thanks!

73~
Joe M.
KC2UUZ

5258. AT-600Pro and Kenwood TS-850

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-03-02 15:24:22 UTC
From: w9ffc
Topic: 5258 Message: 5258

Wondering if anyone has successfully interfaced the AT=600Pro to the Kenwood TS=850 by means of the interface cable similar to the Icon or Yaesu?
Bob

5259. AT-1000 PROII And Ameritron AL811-H ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-03-08 00:52:34 UTC
From: Alejandro
Topic: 5259 Message: 5259

Hello !

I'm planning to buy one of this new tunners, before I do that I want to know if it is compatible with a AL811H amplifier.

As today I'm using a manual tuner from MFJ.

When I tune the amplifier, the 1000ProII will give me the power and swr reading as well as the manual tuner?

Tnx !
73 de XE1EE

5260. Re: [LDG-auto-tuners] AT-1000 PROII And Ameritron AL811-H ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-03-08 15:40:37 UTC
From: doug pfaff
Topic: 5259 Message: 5260

hi

get your answer direct from the manufacture Just ask LDG and get all the right answers instead of opinions.

Look for Dwayne(ldgyahoo@...) from LDG on this forum.

Doug ve5dcp

Doug Pfaff
doug.pfaff@...
----- Original Message -----
From: Alejandro
To: LDG-auto-tuners@yahoogroups.com
Sent: Wednesday, March 07, 2012 4:52 PM
Subject: [LDG-auto-tuners] AT-1000 PROII And Ameritron AL811-H ?

Hello !

I'm planning to buy one of this new tunners, before I do that I want to know if it is compatible with a AL811H amplifier.

As today I'm using a manual tuner from MFJ.

When I tune the amplifier, the 1000ProII will give me the power and swr reading as well as the manual tuner?

Tnx !
73 de XE1EE

[Non-text portions of this message have been removed]

5261. Re: AT-1000 PROII And Ameritron AL811-H ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-03-08 17:45:22 UTC
From: Alejandro
Topic: 5259 Message: 5261

Tnx, will do that, 73!

--- In LDG-auto-tuners@yahoogroups.com, "doug pfaff" <doug.pfaff@...> wrote:
>
>
>
> hi
>
> get your answer direct from the manufacture Just ask LDG and get all the right answers instead of opinions.
>
> Look for Dwayne(ldgyahoo@...) from LDG on this forum.
>
> Doug ve5dcp
>
> Doug Pfaff
> doug.pfaff@...
> ----- Original Message -----
> From: Alejandro
> To: LDG-auto-tuners@yahoogroups.com
> Sent: Wednesday, March 07, 2012 4:52 PM
> Subject: [LDG-auto-tuners] AT-1000 PROII And Ameritron AL811-H ?
>
>
>
> Hello !
>
> I'm planning to buy one of this new tunners, before I do that I want to know if it is compatible with a AL811H amplifier.
>
> As today I'm using a manual tuner from MFJ.
>
> When I tune the amplifier, the 1000ProII will give me the power and swr reading as well as the manual tuner?
>
> Tnx !
> 73 de XE1EE
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

5262. Re: AT-600Pro and Kenwood TS-850

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-03-08 21:44:34 UTC
From: Dwayne
Topic: 5258 Message: 5262

Bob,

We've never seen or heard of anyone do it.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "w9ffc" <w9ffc@...> wrote:
>
> Wondering if anyone has successfully interfaced the AT=600Pro to the Kenwood TS=850 by means of the interface cable similar to the Icon or Yaesu?
> Bob
>

5263. Re: Minor update

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-03-08 21:49:15 UTC
From: Dwayne
Topic: 5251 Message: 5263

Just a quick update to the minor update. The AT-1000ProIIs have been shipping for a few weeks and the M-1000 will be shipping next week.

The construction is finally over and the repairs from February are caught up. Why is it that construction estimates are always low? It took 4 and a half weeks and the original estimate was 2 weeks.

Thanks for everyone's patience while we were getting back on track.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
> Just a quick update for this month.
>
> The AT-1000ProII should be shipping next week (the week of Feb 20). We know there are a lot of people excited to see the new product and we apologize for the delay.
>
> Part of the problem is we are having construction to add more space (we really need it), so production and repair times are suffering. Also we're doing final inventory (we go through January).
>
> The M-1000 matching meter for the AT-1000ProII is slightly behind the tuner, so it should be ready the first part of March.
>
> So, we'll get the 1000ProII out very soon and sincerely apologize for the longer repair times. We pride ourselves in trying to providing the best customer service possible and the new space will allow us to get repairs turned around even faster in the future. It will help immensely in the long run, but is causing delays during the growing phase.
>
> Thanks for everyones patience,
>
> Dwayne Kincaid
> LDG
>

5264. Re: Minor update

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-03-09 05:49:01 UTC
From: Dwayne
Topic: 5251 Message: 5264

Just in case you are wondering about the new AT-1000ProII and the M-1000, we have added new videos to showcase the benefits of these units.

The AT-1000ProII can be viewed at:
http://www.youtube.com/watch?v=--EzcNnvT5o

The new cool optional meter can be viewed at:
http://www.youtube.com/watch?v=3-Wnj78an0A

It's worth a few minutes to see the new direction we are going with higher powered tuners.

Dwayne Kincaid
LDG

5265. free balun

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-03-09 21:26:47 UTC
From: mattm02
Topic: 5265 Message: 5265

if you check the LDG web sight there is a offer of a free balun,
is there a uk agent address for claiming this balun or does it have to be sent to the usa?
i have tried the address given on the web page only to have my letter returned to me by the post office marked incompleat address

5266. Re: [LDG-auto-tuners] free balun

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-03-09 22:57:31 UTC
From: Joseph Mitterando
Topic: 5265 Message: 5266

Did you use this address?

LDG Electronics
1445 Parran Rd.
St. Leonard, MD 20685 USA

~73
Joe (KC2UUZ)

From: mattm02 <mattm02@...>
To: LDG-auto-tuners@yahoogroups.com
Sent: Friday, March 9, 2012 4:26 PM
Subject: [LDG-auto-tuners] free balun

if you check the LDG web sight there is a offer of a free balun,
is there a uk agent address for claiming this balun or does it have to be sent to the usa?
i have tried the address given on the web page only to have my letter returned to me by the post office marked incompleat address

[Non-text portions of this message have been removed]

5267. Re: free balun

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-03-10 15:22:11 UTC
From: mattm02
Topic: 5265 Message: 5267

yes joe
thats the address i used,
is there a united kingdom address?

--- In LDG-auto-tuners@yahoogroups.com, Joseph Mitterando <kc2uuz@...> wrote:
>
> Did you use this address?
>
> LDG Electronics
> 1445 Parran Rd.
> St. Leonard, MD 20685 USA
>
> ~73
> Joe (KC2UUZ)
>
>
>
> _____
> From: mattm02 <mattm02@...>
> To: LDG-auto-tuners@yahoogroups.com
> Sent: Friday, March 9, 2012 4:26 PM
> Subject: [LDG-auto-tuners] free balun
>
>
> Â
> if you check the LDG web sight there is a offer of a free balun,
> is there a uk agent address for claiming this balun or does it have to be sent to the usa?
> i have tried the address given on the web page only to have my letter returned to me by the post office marked incompleat address
>
>
>
>
> [Non-text portions of this message have been removed]
>

5268. Re: [LDG-auto-tuners] Re: free balun

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-03-10 17:28:50 UTC
From: Joseph Mitterando
Topic: 5265 Message: 5268

Matt,

As Far as I can tell that's the address you need to send to. Perhaps there was insufficiant postage?
73
Joe
KC2UUZ

From: mattm02 <mattm02@...>
To: LDG-auto-tuners@yahoogroups.com
Sent: Saturday, March 10, 2012 10:22 AM
Subject: [LDG-auto-tuners] Re: free balun

yes joe
thats the address i used,
is there a united kingdom address?

--- In LDG-auto-tuners@yahoogroups.com, Joseph Mitterando <kc2uuz@...> wrote:
>
> Did you use this address?
>
> LDG Electronics
> 1445 Parran Rd.
> St. Leonard, MD 20685 USA
>
> ~73
> Joe (KC2UUZ)
>
>
>
> ---
> From: mattm02 <mattm02@...>
> To: LDG-auto-tuners@yahoogroups.com
> Sent: Friday, March 9, 2012 4:26 PM
> Subject: [LDG-auto-tuners] free balun
>
>
> Â
> if you check the LDG web sight there is a offer of a free balun,
> is there a uk agent address for claiming this balun or does it have to be sent to the usa?
> i have tried the address given on the web page only to have my letter returned to me by the post office marked incompleat address
>
>

>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

5269. Fw: free balun

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-03-11 15:42:20 UTC
From: VE6LB
Topic: 5269 Message: 5269

I recently sent a unit to that address for repair by mail where it was received and returned with no problem.

73, Gerry VE6LB

[Non-text portions of this message have been removed]

5270. LDG AT 200 PRO

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-03-11 22:48:56 UTC
From: m0fcg1
Topic: 5270 Message: 5270

hi all, and thank you for letting me join this group
i allready own the ldg at 200 pro for my icom 7000 im wanting to put it on my kenwood ts480hx will i have to buy a seperate lead for the kenwood ts480hx? and if so where from i live in sheffield uk.
regards mike
M0FCG M1KEY

5271. Re: LDG AT 200 PRO

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-03-13 11:18:44 UTC
From: m0saz
Topic: 5270 Message: 5271

Hi Mike,

The AT200Pro can run in fully auto mode (how I run it on my FT-950). Just transmit and it will tune, you don't need any interface leads.

A whistle on SSB will kick it into action, or a flick down to an AM carrier will also do the job.

I hope that helps.

73

Mike
M0SAZ

--- In LDG-auto-tuners@yahoogroups.com, "m0fcg1" <m1key@...> wrote:
>
> hi all, and thank you for letting me join this group
> i allready own the ldg at 200 pro for my icom 7000 im wanting to put it on my kenwood ts480hx will i have to buy a seperate lead for the kenwood ts480hx? and if so where from i live in sheffield uk.
> regards mike
> M0FCG M1KEY
>

5272. RE: [LDG-auto-tuners] Re: LDG AT 200 PRO

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-03-13 11:28:02 UTC
From: michael hardy
Topic: 5270 Message: 5272

Hi mike,

So are you saying that I just put my antennas in the ldg atu and it will work ? at present the ldg is connected to the icom and is

Interfaced to it with fly lead, great atu love it thought it would be a great atu to put on my ts480hx.

Mike m0fcg

Hi Mike,

The AT200Pro can run in fully auto mode (how I run it on my FT-950). Just transmit and it will tune, you don't need any interface leads.

A whistle on SSB will kick it into action, or a flick down to an AM carrier will also do the job.

I hope that helps.

73

Mike
M0SAZ

[Non-text portions of this message have been removed]

5273. at-100 pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-03-13 13:04:06 UTC
From: Mark H
Topic: 3764 Message: 5273

Does anyone else notice that it doesn't seem like the tuner really memorizes a tune? If I tune my dipole and then switch to the loop and tune, when switching back and forth the tuner goes into a tune sequence again. The way I tune is to switch to cw mode,key the mic and turn the drive up until the 5w led lights up and let the tuner do it's thing. Rig is a Yaesu ft757gx2 and the tuner is powered from the radio. Any thoughts?

5274. Re: [LDG-auto-tuners] at-100 pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-03-13 17:36:44 UTC
From: Joshua Mesilane
Topic: 3764 Message: 5274

No problems with my at-100 here. I presume you are switching between ant1 and ant2 to change antennas?

Callsign: VK3HGI
Website: http://zindello.chibiko.net/
Email: zindello@...
Phone: 0416 039 082

On 14/03/2012, at 0:04, "Mark H" <n8qio@...> wrote:

> Does anyone else notice that it doesn't seem like the tuner really memorizes a tune? If I tune my dipole and then switch to the loop and tune, when switching back and forth the tuner goes into a tune sequence again. The way I tune is to switch to cw mode,key the mic and turn the drive up until the 5w led lights up and let the tuner do it's thing. Rig is a Yaesu ft757gx2 and the tuner is powered from the radio. Any thoughts?
>
>

[Non-text portions of this message have been removed]

5275. Re: LDG AT 200 PRO

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-03-13 23:19:59 UTC
From: m0saz
Topic: 5270 Message: 5275

Hi Mike,

That is correct. All the interface lead does is start a carrier on the RTX for the tuner to do its thing. But if you can cope with the radio initiating the tuner, which is perfectly fine (read the manual for verification/to feel sure) just use it in full auto mode.

Dwayne at LDG often contributes to these posts and might be able to offer an interface lead for the TS-480 but it is certainly not required.

73

Mike
M0SAZ

--- In LDG-auto-tuners@yahoogroups.com, "michael hardy " <m1key@...> wrote:
>
> Hi mike,
>
> So are you saying that I just put my antennas in the ldg atu and it will
> work ? at present the ldg is connected to the icom and is
>
> Interfaced to it with fly lead, great atu love it thought it would be a
> great atu to put on my ts480hx.
>
> Mike m0fcg
>
>
>
>
>
>
>
>
> Hi Mike,
>
> The AT200Pro can run in fully auto mode (how I run it on my FT-950). Just
> transmit and it will tune, you don't need any interface leads.
>
> A whistle on SSB will kick it into action, or a flick down to an AM carrier
> will also do the job.
>
> I hope that helps.
>
> 73
>
> Mike
> M0SAZ

>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

5276. Re: LDG AT 200 PRO

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-03-14 12:23:40 UTC
From: n8ob
Topic: 5270 Message: 5276

I also own an AT-200Pro and it would be much simpler if I could interface it to my TS2000. There must be some way to do it.

Are you listening LDG?

--- In LDG-auto-tuners@yahoogroups.com, "m0saz" <michael@...> wrote:
>
> Hi Mike,
>
> That is correct. All the interface lead does is start a carrier on the RTX for the tuner to do its thing. But if you can cope with the radio initiating the tuner, which is perfectly fine (read the manual for verification/to feel sure) just use it in full auto mode.
>
> Dwayne at LDG often contributes to these posts and might be able to offer an interface lead for the TS-480 but it is certainly not required.
>
> 73
>
> Mike
> M0SAZ
>

5277. Re: [LDG-auto-tuners] Re: LDG AT 200 PRO

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-03-14 14:33:11 UTC
From: Bill Aycock
Topic: 5270 Message: 5277

Bob--
Have you read the AT200 manual? does "Automatic" make sense?
Bill--W4BSG

----- Original Message -----
From: "n8ob" <n8ob@...>
To: <LDG-auto-tuners@yahoogroups.com>
Sent: Wednesday, March 14, 2012 7:23 AM
Subject: [LDG-auto-tuners] Re: LDG AT 200 PRO

>
> I also own an AT-200Pro and it would be much simpler if I could interface
> it to my TS2000. There must be some way to do it.
>
> Are you listening LDG?
>
>
> --- In LDG-auto-tuners@yahoogroups.com, "m0saz" <michael@...> wrote:
>>
>> Hi Mike,
>>
>> That is correct. All the interface lead does is start a carrier on the
>> RTX for the tuner to do its thing. But if you can cope with the radio
>> initiating the tuner, which is perfectly fine (read the manual for
>> verification/to feel sure) just use it in full auto mode.
>>
>> Dwayne at LDG often contributes to these posts and might be able to offer
>> an interface lead for the TS-480 but it is certainly not required.
>>
>> 73
>>
>> Mike
>> M0SAZ
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> Yahoo! Groups Links
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5278. Re: at-100 pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-03-14 14:22:22 UTC
From: mark huff
Topic: 3764 Message: 5278

The tuner runs to a 4-position switch,I'm only using one of the positions on the tuner itself. I don't see why that would make a difference in it remembering tuner settings tho.

[Non-text portions of this message have been removed]

5279. Re: [LDG-auto-tuners] Re: LDG AT 200 PRO

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-03-14 14:26:40 UTC
From: DVC3565@aol.com
Topic: 5270 Message: 5279

That's why LDG developed the AT-200 Pro II..so you can use auto-tune and not NEED to use
a interface cable anymore. That's like asking Icom to retrofit a 735 to do what a 756 Pro does!
It just isn't going to happen. Be happy with what the Pro does do. There is no money to be made
by adapting older technology to "attempt" to do what the newer designed stuff does.
You have a great thought, just a bad idea from the money making side of it.

P.S. I have a 200 Pro II on my 735 now, it just whips the crap out of the AT-150 Icom Auto
Tuner made 25 years ago. Covers a wider range of higher SWR's, and it tunes 70% faster too.
However, being a ham for over 34+ years..I am keeping the old Icom to sell with the 735. (IF I
ever do.) A matching auto tuner & power supply brings in a few more dollars when you do go to sell it.
(The SM-10 equalizer esk mic for the 735 now goes at over $200-when you can find one for sell.)
Like Mike said, Dwayne at LDG can help tell you how to make a cable for the TS 2000 to the
200 Pro, if you still desire to go that way.
73, es enjoy the hobby!
Dave-KJ4PF

In a message dated 3/14/2012 8:23:46 A.M. Eastern Daylight Time,
n8ob@... writes:

I also own an AT-200Pro and it would be much simpler if I could interface it to my TS2000. There must be some way to do it.

Are you listening LDG?

[Non-text portions of this message have been removed]

5280. Re: [LDG-auto-tuners] Re: at-100 pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-03-14 19:14:45 UTC
From: Joshua Mesilane
Topic: 3764 Message: 5280

Well, if you think about it, it stores ONE tuning setting per antenna port per frequency. If you connect a dipole to ant1, tune it up, it will now save that setting. If you then go and change the antenna on the ant1 port, all the tuner knows is that the SWR has gone high and a tuning cycle will start. It has no idea that you have a different antenna on it, so it will try the previously known good tuning setting (the one it saved for the dipole), fail, and initiate a full tuning cycle.

The whole point of having two antenna ports is so that you can use two different antennas and as such, two sets of memories (one set for each antena port) if you're using an external switch, the tuner has no idea, and as such a lot of full tuning cycles will take place each time you tune the antenna.

Callsign: VK3HGI
Website: http://zindello.chibiko.net/
Email: zindello@...
Phone: 0416 039 082

On 15/03/2012, at 1:22, mark huff <n8qio@...> wrote:

> The tuner runs to a 4-position switch,I'm only using one of the positions on the tuner itself. I don't see why that would make a difference in it remembering tuner settings tho.
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

5281. Re: LDG AT 200 PRO

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-03-15 14:06:00 UTC
From: n8ob
Topic: 5270 Message: 5281

Bill, Yes automatic makes sense but only if I put some RF to it first otherwise the relays bounce all over the place, especially in SSB. I apply about 25 watts in AM to get the unit to tune "automatically" and then go back to SSB mode (or CW). Then it is much quicker and no long relay chatter. The tuner just doesn't react quickly enough to SSB. Or for that matter to 20 WPM CW. A way to "automatically" lower the power on the TS2000, adjust the tuner and then go back to the operating mode would be ideal. The unit I received came with a cable to adjust the Icom to do that. Why not a Kenwood cable?

--- In LDG-auto-tuners@yahoogroups.com, "Bill Aycock" <billaycock@...> wrote:
>
> Bob--
> Have you read the AT200 manual? does "Automatic" make sense?
> Bill--W4BSG
>
> ----- Original Message -----
> From: "n8ob" <n8ob@...>
> To: <LDG-auto-tuners@yahoogroups.com>
> Sent: Wednesday, March 14, 2012 7:23 AM
> Subject: [LDG-auto-tuners] Re: LDG AT 200 PRO
>
>
> >
> > I also own an AT-200Pro and it would be much simpler if I could interface
> > it to my TS2000. There must be some way to do it.
> >
> > Are you listening LDG?
> >
> >
> > --- In LDG-auto-tuners@yahoogroups.com, "m0saz" <michael@> wrote:
> >>
> >> Hi Mike,
> >>
> >> That is correct. All the interface lead does is start a carrier on the
> >> RTX for the tuner to do its thing. But if you can cope with the radio
> >> initiating the tuner, which is perfectly fine (read the manual for
> >> verification/to feel sure) just use it in full auto mode.
> >>
> >> Dwayne at LDG often contributes to these posts and might be able to offer
> >> an interface lead for the TS-480 but it is certainly not required.
> >>
> >> 73
> >>
> >> Mike
> >> M0SAZ
> >>

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> > Yahoo! Groups Links
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5282. Re: [LDG-auto-tuners] Re: LDG AT 200 PRO

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-03-15 14:22:16 UTC
From: doug pfaff
Topic: 5270 Message: 5282

suggest you use cw mode and 10 watts
ask Dwayne from LDG on the proper method for your rig if its not in the manual he is on this forum

Doug ve5dcp

Doug Pfaff
doug.pfaff@...
----- Original Message -----
From: n8ob
To: LDG-auto-tuners@yahoogroups.com
Sent: Thursday, March 15, 2012 7:06 AM
Subject: [LDG-auto-tuners] Re: LDG AT 200 PRO

Bill, Yes automatic makes sense but only if I put some RF to it first otherwise the relays bounce all over the place, especially in SSB. I apply about 25 watts in AM to get the unit to tune "automatically" and then go back to SSB mode (or CW). Then it is much quicker and no long relay chatter. The tuner just doesn't react quickly enough to SSB. Or for that matter to 20 WPM CW. A way to "automatically" lower the power on the TS2000, adjust the tuner and then go back to the operating mode would be ideal. The unit I received came with a cable to adjust the Icom to do that. Why not a Kenwood cable?

--- In LDG-auto-tuners@yahoogroups.com, "Bill Aycock" <billaycock@...> wrote:
>
> Bob--
> Have you read the AT200 manual? does "Automatic" make sense?
> Bill--W4BSG
>
> ----- Original Message -----
> From: "n8ob" <n8ob@...>
> To: <LDG-auto-tuners@yahoogroups.com>
> Sent: Wednesday, March 14, 2012 7:23 AM
> Subject: [LDG-auto-tuners] Re: LDG AT 200 PRO
>
>
> > > I also own an AT-200Pro and it would be much simpler if I could interface
> > > it to my TS2000. There must be some way to do it.
> > >
> > > Are you listening LDG?
> > >
> > >
> > > --- In LDG-auto-tuners@yahoogroups.com, "m0saz" <michael@> wrote:
> > >>
> > >> Hi Mike,
> > >>

> >> That is correct. All the interface lead does is start a carrier on the
> >> RTX for the tuner to do its thing. But if you can cope with the radio
> >> initiating the tuner, which is perfectly fine (read the manual for
> >> verification/to feel sure) just use it in full auto mode.
> >>
> >> Dwayne at LDG often contributes to these posts and might be able to offer
> >> an interface lead for the TS-480 but it is certainly not required.
> >>
> >> 73
> >>
> >> Mike
> >> M0SAZ
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> > Yahoo! Groups Links
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[Non-text portions of this message have been removed]

5283. Re: LDG AT 200 PRO

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-03-15 14:26:06 UTC
From: m0saz
Topic: 5270 Message: 5283

Agreed Dave,

I have been using the AT200Pro II with my FT-950 for months now, and because I have been up and down all the bands in the course of my operating, the memories on the tuner mean that most of the time, the tuner just clicks into a match.

The interface cable on most auto atu's seem to just open a carrier when you push the tune button on the rig or the tuner and does it's thing and turns off the carrier. Some of the more paired ATU's track the frequency like some amps.

Many thanks,

Mike
M0SAZ

--- In LDG-auto-tuners@yahoogroups.com, DVC3565@... wrote:
>
> That's why LDG developed the AT-200 Pro II..so you can use auto-tune and
> not NEED to use
> a interface cable anymore. That's like asking Icom to retrofit a 735 to do
> what a 756 Pro does!
> It just isn't going to happen. Be happy with what the Pro does do. There is
> no money to be made
> by adapting older technology to "attempt" to do what the newer designed
> stuff does.
> You have a great thought, just a bad idea from the money making side of it.
>
> P.S. I have a 200 Pro II on my 735 now, it just whips the crap out of the
> AT-150 Icom Auto
> Tuner made 25 years ago. Covers a wider range of higher SWR's, and it tunes
> 70% faster too.
> However, being a ham for over 34+ years..I am keeping the old Icom to sell
> with the 735. (IF I
> ever do.) A matching auto tuner & power supply brings in a few more
> dollars when you do go to sell it.
> (The SM-10 equalizer esk mic for the 735 now goes at over $200-when you
> can find one for sell.)
> Like Mike said, Dwayne at LDG can help tell you how to make a cable for the
> TS 2000 to the
> 200 Pro, if you still desire to go that way.
> 73, es enjoy the hobby!
> Dave-KJ4PF

> Are you listening LDG?
>
>

>
> [Non-text portions of this message have been removed]
>

5284. Re: LDG AT 200 PRO

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-03-15 14:40:12 UTC
From: m0saz
Topic: 5270 Message: 5284

Bob,

How about something like this:

http://www.universal-radio.com/catalog/hamtune/15012050.html
http://www.radioworld.co.uk/catalog/ldg-kenwood_one-touch-tune-p-3945.html
(UK and US link)

You would have to check with the reseller/LDG if it would work with the TS-2000 and a more modern tuner in the LDG range such as the AT2000 as it does say FT-50 and AT-11 but there is sketchy info when searching the web about the OTT Kenwood model being used on the TS-2000 and with other tuners...

Worth investigating. Universal Radio lists it as discontinued but Radioworld don't so they might have some/might ship if it is suitable.

73

Mike
M0SAZ

--- In LDG-auto-tuners@yahoogroups.com, "n8ob" <n8ob@...> wrote:
>
>
>
>
> Bill, Yes automatic makes sense but only if I put some RF to it first otherwise the relays bounce all over the place, especially in SSB. I apply about 25 watts in AM to get the unit to tune "automatically" and then go back to SSB mode (or CW). Then it is much quicker and no long relay chatter. The tuner just doesn't react quickly enough to SSB. Or for that matter to 20 WPM CW. A way to "automatically" lower the power on the TS2000, adjust the tuner and then go back to the operating mode would be ideal. The unit I received came with a cable to adjust the Icom to do that. Why not a Kenwood cable?
>
> --- In LDG-auto-tuners@yahoogroups.com, "Bill Aycock" <billaycock@> wrote:
> >
> > Bob--
> > Have you read the AT200 manual? does "Automatic" make sense?
> > Bill--W4BSG
> >
> > ----- Original Message -----
> > From: "n8ob" <n8ob@>
> > To: <LDG-auto-tuners@yahoogroups.com>
> > Sent: Wednesday, March 14, 2012 7:23 AM
> > Subject: [LDG-auto-tuners] Re: LDG AT 200 PRO
> >
> >

> > >
> > > I also own an AT-200Pro and it would be much simpler if I could interface
> > > it to my TS2000. There must be some way to do it.
> > >
> > > Are you listening LDG?
> > >
> > >
> > > --- In LDG-auto-tuners@yahoogroups.com, "m0saz" <michael@> wrote:
> > >>
> > >> Hi Mike,
> > >>
> > >> That is correct. All the interface lead does is start a carrier on the
> > >> RTX for the tuner to do its thing. But if you can cope with the radio
> > >> initiating the tuner, which is perfectly fine (read the manual for
> > >> verification/to feel sure) just use it in full auto mode.
> > >>
> > >> Dwayne at LDG often contributes to these posts and might be able to offer
> > >> an interface lead for the TS-480 but it is certainly not required.
> > >>
> > >> 73
> > >>
> > >> Mike
> > >> M0SAZ
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> > > Yahoo! Groups Links
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5285. Re: LDG AT 200 PRO

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-03-15 14:42:45 UTC
From: m0saz
Topic: 5270 Message: 5285

Looks like this was talked about before on here too:

http://groups.yahoo.com/group/LDG-auto-tuners/message/5218

Mike M0SAZ

--- In LDG-auto-tuners@yahoogroups.com, "m0saz" <michael@...> wrote:
>
> Bob,
>
> How about something like this:
>
> http://www.universal-radio.com/catalog/hamtune/15012050.html
> http://www.radioworld.co.uk/catalog/ldg-kenwood_one-touch-tune-p-3945.html
> (UK and US link)
>
> You would have to check with the reseller/LDG if it would work with the TS-2000 and a more modern tuner in the LDG range such as the AT2000 as it does say FT-50 and AT-11 but there is sketchy info when searching the web about the OTT Kenwood model being used on the TS-2000 and with other tuners...
>
> Worth investigating. Universal Radio lists it as discontinued but Radioworld don't so they might have some/might ship if it is suitable.
>
> 73
>
> Mike
> M0SAZ

5286. Re: [LDG-auto-tuners] Re: LDG AT 200 PRO

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-03-15 15:01:14 UTC
From: Leonard K. Pennock
Topic: 5270 Message: 5286

I had the Kenwood OTT with my TS2K. It did not worked correctly. The only thing it gave was powering the tuner from the radio. I called LDG and they said the OTT was hit or miss with the TS2K.

Leonard K. Pennock (AD7AS)

m0saz <michael@...> wrote:

Bob,

How about something like this:

http://www.universal-radio.com/catalog/hamtune/15012050.html
http://www.radioworld.co.uk/catalog/ldg-kenwood_one-touch-tune-p-3945.html
(UK and US link)

You would have to check with the reseller/LDG if it would work with the TS-2000 and a more modern tuner in the LDG range such as the AT2000 as it does say FT-50 and AT-11 but there is sketchy info when searching the web about the OTT Kenwood model being used on the TS-2000 and with other tuners...

Worth investigating. Universal Radio lists it as discontinued but Radioworld don't so they might have some/might ship if it is suitable.

73

Mike
M0SAZ

--- In LDG-auto-tuners@yahoogroups.com, "n8ob" <n8ob@...> wrote:
>
>
>
>
> Bill, Yes automatic makes sense but only if I put some RF to it first otherwise the relays bounce all over the place, especially in SSB. I apply about 25 watts in AM to get the unit to tune "automatically" and then go back to SSB mode (or CW). Then it is much quicker and no long relay chatter. The tuner just doesn't react quickly enough to SSB. Or for that matter to 20 WPM CW. A way to "automatically" lower the power on the TS2000, adjust the tuner and then go back to the operating mode would be ideal. The unit I received came with a cable to adjust the Icom to do that. Why not a Kenwood cable?
>
> --- In LDG-auto-tuners@yahoogroups.com, "Bill Aycock" <billaycock@> wrote:
> >
> > Bob--
> > Have you read the AT200 manual? does "Automatic" make sense?
> > Bill--W4BSG

> >
> > ----- Original Message -----
> > From: "n8ob" <n8ob@>
> > To: <LDG-auto-tuners@yahoogroups.com>
> > Sent: Wednesday, March 14, 2012 7:23 AM
> > Subject: [LDG-auto-tuners] Re: LDG AT 200 PRO
> >
> >
> > >
> > > I also own an AT-200Pro and it would be much simpler if I could interface
> > > it to my TS2000. There must be some way to do it.
> > >
> > > Are you listening LDG?
> > >
> > >
> > > --- In LDG-auto-tuners@yahoogroups.com, "m0saz" <michael@> wrote:
> > >>
> > >> Hi Mike,
> > >>
> > >> That is correct. All the interface lead does is start a carrier on the
> > >> RTX for the tuner to do its thing. But if you can cope with the radio
> > >> initiating the tuner, which is perfectly fine (read the manual for
> > >> verification/to feel sure) just use it in full auto mode.
> > >>
> > >> Dwayne at LDG often contributes to these posts and might be able to offer
> > >> an interface lead for the TS-480 but it is certainly not required.
> > >>
> > >> 73
> > >>
> > >> Mike
> > >> M0SAZ
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Yahoo! Groups Links

[Non-text portions of this message have been removed]

5287. Re: [LDG-auto-tuners] Re: LDG AT 200 PRO

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-03-15 15:10:46 UTC
From: Andrew O'Brien
Topic: 5270 Message: 5287

What am I missing here? My LDG 200 and Kenwood TS2000 live happily
together no special cables needed.

Andy K3UK
On Thu, Mar 15, 2012 at 11:01 AM, Leonard K. Pennock <leonardpennock@...
> wrote:

> **
>
>
> I had the Kenwood OTT with my TS2K. It did not worked correctly. The only
> thing it gave was powering the tuner from the radio. I called LDG and they
> said the OTT was hit or miss with the TS2K.
> ---------------------------------------
> Leonard K. Pennock (AD7AS)
>
> m0saz <michael@...> wrote:
>
> Bob,
>
> How about something like this:
>
> http://www.universal-radio.com/catalog/hamtune/15012050.html
> http://www.radioworld.co.uk/catalog/ldg-kenwood_one-touch-tune-p-3945.html
> (UK and US link)
>
> You would have to check with the reseller/LDG if it would work with the
> TS-2000 and a more modern tuner in the LDG range such as the AT2000 as it
> does say FT-50 and AT-11 but there is sketchy info when searching the web
> about the OTT Kenwood model being used on the TS-2000 and with other
> tuners...
>
> Worth investigating. Universal Radio lists it as discontinued but
> Radioworld don't so they might have some/might ship if it is suitable.
>
> 73
>
> Mike
> M0SAZ
>
> --- In LDG-auto-tuners@yahoogroups.com, "n8ob" <n8ob@...> wrote:
> >
> >
> >
> >

> > Bill, Yes automatic makes sense but only if I put some RF to it first
> otherwise the relays bounce all over the place, especially in SSB. I apply
> about 25 watts in AM to get the unit to tune "automatically" and then go
> back to SSB mode (or CW). Then it is much quicker and no long relay
> chatter. The tuner just doesn't react quickly enough to SSB. Or for that
> matter to 20 WPM CW. A way to "automatically" lower the power on the
> TS2000, adjust the tuner and then go back to the operating mode would be
> ideal. The unit I received came with a cable to adjust the Icom to do that.
> Why not a Kenwood cable?
> >
> > --- In LDG-auto-tuners@yahoogroups.com, "Bill Aycock" <billaycock@>
> wrote:
> > >
> > > Bob--
> > > Have you read the AT200 manual? does "Automatic" make sense?
> > > Bill--W4BSG
> > >
> > > ----- Original Message -----
> > > From: "n8ob" <n8ob@>
> > > To: <LDG-auto-tuners@yahoogroups.com>
> > > Sent: Wednesday, March 14, 2012 7:23 AM
> > > Subject: [LDG-auto-tuners] Re: LDG AT 200 PRO
> > >
> > >
> > > >
> > > > I also own an AT-200Pro and it would be much simpler if I could
> interface
> > > > it to my TS2000. There must be some way to do it.
> > > >
> > > > Are you listening LDG?
> > > >
> > > >
> > > > --- In LDG-auto-tuners@yahoogroups.com, "m0saz" <michael@> wrote:
> > > >>
> > > >> Hi Mike,
> > > >>
> > > >> That is correct. All the interface lead does is start a carrier on
> the
> > > >> RTX for the tuner to do its thing. But if you can cope with the
> radio
> > > >> initiating the tuner, which is perfectly fine (read the manual for
> > > >> verification/to feel sure) just use it in full auto mode.
> > > >>
> > > >> Dwayne at LDG often contributes to these posts and might be able to
> offer
> > > >> an interface lead for the TS-480 but it is certainly not required.
> > > >>
> > > >> 73
> > > >>
> > > >> Mike

> > > >> M0SAZ
> > > >>
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5288. Re: [LDG-auto-tuners] Re: LDG AT 200 PRO

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-03-15 15:17:08 UTC
From: Leonard K. Pennock
Topic: 5270 Message: 5288

Having the ott working allows you to start a tune using the tune button. Handy but not needed.

Leonard K. Pennock (AD7AS)

Andrew O'Brien <k3ukandy@...> wrote:

What am I missing here? My LDG 200 and Kenwood TS2000 live happily
together no special cables needed.

Andy K3UK
On Thu, Mar 15, 2012 at 11:01 AM, Leonard K. Pennock <leonardpennock@...
> wrote:

> **
>
>
> I had the Kenwood OTT with my TS2K. It did not worked correctly. The only
> thing it gave was powering the tuner from the radio. I called LDG and they
> said the OTT was hit or miss with the TS2K.
>_____

> Leonard K. Pennock (AD7AS)
>
> m0saz <michael@...> wrote:
>
> Bob,
>
> How about something like this:
>
> http://www.universal-radio.com/catalog/hamtune/15012050.html
> http://www.radioworld.co.uk/catalog/ldg-kenwood_one-touch-tune-p-3945.html
> (UK and US link)
>
> You would have to check with the reseller/LDG if it would work with the
> TS-2000 and a more modern tuner in the LDG range such as the AT2000 as it
> does say FT-50 and AT-11 but there is sketchy info when searching the web
> about the OTT Kenwood model being used on the TS-2000 and with other
> tuners...
>
> Worth investigating. Universal Radio lists it as discontinued but
> Radioworld don't so they might have some/might ship if it is suitable.
>
> 73
>
> Mike

> M0SAZ
>
> --- In LDG-auto-tuners@yahoogroups.com, "n8ob" <n8ob@...> wrote:
> >
> >
> >
> >
> > Bill, Yes automatic makes sense but only if I put some RF to it first
> otherwise the relays bounce all over the place, especially in SSB. I apply
> about 25 watts in AM to get the unit to tune "automatically" and then go
> back to SSB mode (or CW). Then it is much quicker and no long relay
> chatter. The tuner just doesn't react quickly enough to SSB. Or for that
> matter to 20 WPM CW. A way to "automatically" lower the power on the
> TS2000, adjust the tuner and then go back to the operating mode would be
> ideal. The unit I received came with a cable to adjust the Icom to do that.
> Why not a Kenwood cable?
> >
> > --- In LDG-auto-tuners@yahoogroups.com, "Bill Aycock" <billaycock@>
> wrote:
> > >
> > > Bob--
> > > Have you read the AT200 manual? does "Automatic" make sense?
> > > Bill--W4BSG
> > >
> > > ----- Original Message -----
> > > From: "n8ob" <n8ob@>
> > > To: <LDG-auto-tuners@yahoogroups.com>
> > > Sent: Wednesday, March 14, 2012 7:23 AM
> > > Subject: [LDG-auto-tuners] Re: LDG AT 200 PRO
> > >
> > >
> > > > I also own an AT-200Pro and it would be much simpler if I could
> interface
> > > > it to my TS2000. There must be some way to do it.
> > > >
> > > > Are you listening LDG?
> > > >
> > > >
> > > > --- In LDG-auto-tuners@yahoogroups.com, "m0saz" <michael@> wrote:
> > > >>
> > > >> Hi Mike,
> > > >>
> > > >> That is correct. All the interface lead does is start a carrier on
> the
> > > >> RTX for the tuner to do its thing. But if you can cope with the
> radio
> > > >> initiating the tuner, which is perfectly fine (read the manual for
> > > >> verification/to feel sure) just use it in full auto mode.
> > > >>

> > > >> Dwayne at LDG often contributes to these posts and might be able to
> offer
> > > >> an interface lead for the TS-480 but it is certainly not required.
> > > >>
> > > >> 73
> > > >>
> > > >> Mike
> > > >> M0SAZ
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Yahoo! Groups Links

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5289. FT 817 Tuner Problem

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-03-15 17:07:44 UTC
From: jackson_norman
Topic: 5289 Message: 5289

I am having a problem with my FT-817 Auto Tuner. It tunes all frequencys except 40 M. When I try tuning 40M on either of the two antennas that I use, the red light blinks for a few seconds and then stays on for a couple more seconds along with two beeps from the radio. After the red light goes off and the rig goes back to the receive mode, I still have a very high SWR when keying. My two antennas are an OCF 80-10 dipole, and a 40 M OCF commercial antenna. Can anyone tell me what the problem might be? Thanks, Norm/K1NAJ

5290. LDG FT-817 Auto Tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-03-15 18:32:59 UTC
From: jackson_norman
Topic: 5290 Message: 5290

I am having a problem with my Z817 auto tuner. It tunes well on al bnds except 40 M. When I try tuning 40M on either of the two antennas that I use, the red light blinks for a few seconds and then stays on for a couple of seconds along with two beeps from the radio. After the red light goes out and rig goes back to the receive mode, I still have a very high SWR when keying. My two antennas are an OCF 80-10 Dipole and a 40 M OCF comercial antenna. Can anyone tell me what the problem might be? Thanks, Norm/K1NAJ

5291. RE: [LDG-auto-tuners] Re: LDG AT 200 PRO

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-03-15 22:51:18 UTC
From: michael hardy
Topic: 5270 Message: 5291

Hi all,

thanks to all who replied to my thread about if i could use the ldg at200 pro on my ts480hx

will connect the atu up to the ts480hx at the week end and do some tests, i find this atu alot better user

freindley then the mfj gear.

Mike m0fcg

Hi Mike,

That is correct. All the interface lead does is start a carrier on the RTX for the tuner to do its thing. But if you can cope with the radio initiating the tuner, which is perfectly fine (read the manual for verification/to feel sure) just use it in full auto mode.

Dwayne at LDG often contributes to these posts and might be able to offer an interface lead for the TS-480 but it is certainly not required.

73

Mike
M0SAZ

--- In LDG-auto-tuners@yahoogroups.com <mailto:LDG-auto-tuners%40yahoogroups.com> , "michael hardy " <m1key@...> wrote:
>
> Hi mike,
>
> So are you saying that I just put my antennas in the ldg atu and it will
> work ? at present the ldg is connected to the icom and is
>
> Interfaced to it with fly lead, great atu love it thought it would be a
> great atu to put on my ts480hx.
>
> Mike m0fcg
>
>
>
>
>
>
>

> Hi Mike,
>
> The AT200Pro can run in fully auto mode (how I run it on my FT-950). Just
> transmit and it will tune, you don't need any interface leads.
>
> A whistle on SSB will kick it into action, or a flick down to an AM
carrier
> will also do the job.
>
> I hope that helps.
>
> 73
>
> Mike
> M0SAZ
>
>
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>
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>
> [Non-text portions of this message have been removed]
>

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2012.0.1913 / Virus Database: 2114/4868 - Release Date: 03/13/12

[Non-text portions of this message have been removed]

5292. Re: LDG FT-817 Auto Tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-03-19 12:43:22 UTC
From: Cliff Hedgepeth
Topic: 5290 Message: 5292

--- In LDG-auto-tuners@yahoogroups.com, "jackson_norman" <jackson_norman@...> wrote:
>
> I am having a problem with my Z817 auto tuner. It tunes well on al bnds except 40 M.

Put the tuner in bypass and check the SWR on both antennas. This will let you know if the impedance is out of range for the tuner. Also try it at different points in the band. The 40M OCF should be resonant somewhere in the band.

Sometimes something as simple as adding a short piece of coax can help

Cliff

K4MLD

5293. N4YG SmartKeyboard and Logger 32

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-03-20 09:41:58 UTC
From: bsip_9
Topic: 5293 Message: 5293

Hi all,
For 5/6 years now I have been running Logger 32 and would not willingly change to another logging program. For about three years, I have also been running the N4YG SmartKeyboard(SKB)and from day one have experienced the minor annoyance described as follows: Consider that I have logger 32 and the GUI for SmartKeyboard on-screen at the same time. If I make any change to the Logger 32 GUI (say to enter a callsign,)the SKB GUI disappears to the taskbar and I have to re-open SKB in order to display the SKB GUI.

Is there a checkbox or Menu etc. within Logger I can go to to prevent this happening.

Any advice will be much appreciated.

Kind regards,
Wes.
EA5/GW3RIH.

5294. Advancing Years!

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-03-20 14:15:45 UTC
From: bsip_9
Topic: 5294 Message: 5294

Hi all, To state the obvious, please ignore my post regarding Logger 32 and SmmartKeyboard.
New glasses are on order!
Wes.

5295. Re: [LDG-auto-tuners] Advancing Years!

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-03-20 15:05:52 UTC
From: Rudi
Topic: 5294 Message: 5295

Been there, done that.

>_____
> From: bsip_9 <wes@...>
>To: LDG-auto-tuners@yahoogroups.com
>Sent: Tuesday, March 20, 2012 10:15 AM
>Subject: [LDG-auto-tuners] Advancing Years!
>
>Hi all, To state the obvious, please ignore my post regarding Logger 32 and
SmmartKeyboard.
>New glasses are on order!
>Wes.
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[Non-text portions of this message have been removed]

5296. AT-1000Pro II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-03-20 16:50:04 UTC
From: Francisco "Siso" Hennessey-HK3W-
Topic: 5296 Message: 5296

I'm looking for manual AT-1000PRO II in Spanish, anyone can help me?

73

Siso HK3W

[Non-text portions of this message have been removed]

5297. Re: at-100 pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-03-21 12:58:13 UTC
From: Mark H
Topic: 3764 Message: 5297

Thanks for the guidance Joshua, After I thought about what you said it dawned on me "why didn't I think of that?!!!" Anyway, alls well that ends well so, again , thanks for the help.73,Mark.

--- In LDG-auto-tuners@yahoogroups.com, Joshua Mesilane <zindello@...> wrote:
>
> Well, if you think about it, it stores ONE tuning setting per antenna port per frequency. If you connect a dipole to ant1, tune it up, it will now save that setting. If you then go and change the antenna on the ant1 port, all the tuner knows is that the SWR has gone high and a tuning cycle will start. It has no idea that you have a different antenna on it, so it will try the previously known good tuning setting (the one it saved for the dipole), fail, and initiate a full tuning cycle.
>
> The whole point of having two antenna ports is so that you can use two different antennas and as such, two sets of memories (one set for each antena port) if you're using an external switch, the tuner has no idea, and as such a lot of full tuning cycles will take place each time you tune the antenna.
>
> Callsign: VK3HGI
> Website: http://zindello.chibiko.net/
> Email: zindello@...
> Phone: 0416 039 082
>
> On 15/03/2012, at 1:22, mark huff <n8qio@...> wrote:
>
> > The tuner runs to a 4-position switch,I'm only using one of the positions on the tuner itself. I don't see why that would make a difference in it remembering tuner settings tho.
> >
> > [Non-text portions of this message have been removed]
> >
> >
>
>
> [Non-text portions of this message have been removed]
>

5298. Re: [LDG-auto-tuners] Re: at-100 pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-03-21 13:24:56 UTC
From: Jim Lynch
Topic: 3764 Message: 5298

On 03/21/2012 08:58 AM, Mark H wrote:
>
> Thanks for the guidance Joshua, After I thought about what you said it dawned on me "why didn't I think of that?!!!" Anyway, alls well that ends well so, again , thanks for the help.73,Mark.
>
> --- In LDG-auto-tuners@yahoogroups.com, Joshua Mesilane<zindello@...> wrote:
>> Well, if you think about it, it stores ONE tuning setting per antenna port per frequency. If you connect a dipole to ant1, tune it up, it will now save that setting. If you then go and change the antenna on the ant1 port, all the tuner knows is that the SWR has gone high and a tuning cycle will start. It has no idea that you have a different antenna on it, so it will try the previously known good tuning setting (the one it saved for the dipole), fail, and initiate a full tuning cycle.
>>
>> The whole point of having two antenna ports is so that you can use two different antennas and as such, two sets of memories (one set for each antena port) if you're using an external switch, the tuner has no idea, and as such a lot of full tuning cycles will take place each time you tune the antenna.
>>
>> Callsign: VK3HGI
>> Website: http://zindello.chibiko.net/
>> Email: zindello@...
>> Phone: 0416 039 082
>>
>> On 15/03/2012, at 1:22, mark huff<n8qio@...> wrote:
>>
It seems to me that a better algorithm would be to keep two settings per frequency but not to attach the setting to a physical switch. That way you could use an outboard switch if you wanted to and get the same effect. Logic might look like:

Try the setting for this freq the last time it (the frequency) was used. If swr not ok then try the second setting for this freq. If swr still not OK retune and save as "last setting for this freq". Retaining the previous primary setting as the secondary.

There's no reason that this alogorithm couldn't be extended to more than 2 settings.

I don't know how much intelligence the computers on the tuner have, but I do/have programmed a number of the current crop of processors and they are pretty powerful these days. You've got more cpu/memory in a chip smaller than your thumbnail than the biggest IBM 360 had.

Jim de K4GVO

5299. Re: AT-1000Pro II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-03-21 14:32:41 UTC
From: bsip_9
Topic: 5296 Message: 5299

Hi Siso,
Have you tried the TRANSLATE facility in Google?
If you load the manual into your computer,COPY it then open Google translate. Select English to Spanish and paste the manual that should do it. I've just done the same thing with a door alarm manual and it worked for me.
Hope this helps.
73,
Wes.
EA5/GW3RIH
--- In LDG-auto-tuners@yahoogroups.com, "Francisco \"Siso\" Hennessey-HK3W-" <hk3w.inf@...> wrote:
>
> I'm looking for manual AT-1000PRO II in Spanish, anyone can help me?
>
>
>
> 73
>
> Siso HK3W
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

5300. New LDG Z11Pro2: behaviour during tuning surprises me...

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-03-26 05:47:08 UTC
From: pe1kel
Topic: 5300 Message: 5300

I bought a brand new LDG tuner, the Z11PRO2.
Firstly I read the manual and after that I started the auto-tune.
What was happening surprised me, I heared the sound of a rattlesnake inside the tuner.
All the relais were activated in sequence in a fraction of a second, and this during about 6 seconds.
The tuner did the work, the swr was adjusted very well.
Now I am curious how long it takes till I can sent the tuner to LDG for replacing some relais...
Does anybody recognize this ?
To my opinion I prefer the good old manually adjustable tuner with the big variable caps and manually switchable coils if I compare.
I wonder that I own this Z11Pro2 over 2 years, or I have to leave it in the wastepaperbasket in 2014.

What's your opinion?

Adriaan, PE1KEL.

5301. RE: [LDG-auto-tuners] New LDG Z11Pro2: behaviour during tuning surprises me...

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-03-26 12:49:57 UTC
From: Rick Johnson
Topic: 5300 Message: 5301

Adriaan,

That was my first reaction when I used my first LDG tuner, but it was the AT-1000, which is a bit louder.
You will soon notice that if you leave the same antenna on the tuner, it will tune much faster with only one click.
I use non resonant wire antennas and find an automatic tuner very convenient. At age 74, I find my memory
lacking and having a magic little box to tune to the correct match better for my radio.
The relays will last for years....have no worry about that.
Preferable to the waste paper basket.....send the little feller to me in America. I will receive it with open arms. ;c)
Keep your headset tight to your ears when tuning.
73,
Rick W3BI

To: LDG-auto-tuners@yahoogroups.com
From: adriaanaarts@...
Date: Mon, 26 Mar 2012 05:47:08 +0000
Subject: [LDG-auto-tuners] New LDG Z11Pro2: behaviour during tuning surprises me...

I bought a brand new LDG tuner, the Z11PRO2.

Firstly I read the manual and after that I started the auto-tune.

What was happening surprised me, I heared the sound of a rattlesnake inside the tuner.

All the relais were activated in sequence in a fraction of a second, and this during about 6 seconds.

The tuner did the work, the swr was adjusted very well.

Now I am curious how long it takes till I can sent the tuner to LDG for replacing some relais...

Does anybody recognize this ?

To my opinion I prefer the good old manually adjustable tuner with the big variable caps and manually switchable coils if I compare.

I wonder that I own this Z11Pro2 over 2 years, or I have to leave it in the wastepaperbasket in 2014.

What's your opinion?

Adriaan, PE1KEL.

[Non-text portions of this message have been removed]

5302. Re: [LDG-auto-tuners] New LDG Z11Pro2: behaviour during tuning surprises me...

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-03-26 13:27:46 UTC
From: Leonard K. Pennock
Topic: 5300 Message: 5302

It is operating normal. For the first tune on a frequency it has to
search for a solution which takes awhile. Go to another band and tune
there and you will see the same thing happen. Now go back to the first
frequency and it will tune almost instantly as it has already memorized
the solution.

On 03/25/2012 10:47 PM, pe1kel wrote:
> I bought a brand new LDG tuner, the Z11PRO2.
> Firstly I read the manual and after that I started the auto-tune.
> What was happening surprised me, I heared the sound of a rattlesnake inside the tuner.
> All the relais were activated in sequence in a fraction of a second, and this during
about 6 seconds.
> The tuner did the work, the swr was adjusted very well.
> Now I am curious how long it takes till I can sent the tuner to LDG for replacing some
relais...
> Does anybody recognize this ?
> To my opinion I prefer the good old manually adjustable tuner with the big variable caps
and manually switchable coils if I compare.
> I wonder that I own this Z11Pro2 over 2 years, or I have to leave it in the
wastepaperbasket in 2014.
>
> What's your opinion?
>
> Adriaan, PE1KEL.
>
>
>
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> Yahoo! Groups Links
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--
Leonard K. Pennock
AD7AS

Those who walk bravely through life, unafraid of loss or failure,
find that they very rarely lose or fail.

5303. Re: [LDG-auto-tuners] New LDG Z11Pro2: behaviour during tuning surprises me...

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-03-26 14:27:51 UTC
From: Furliips Stardust
Topic: 5300 Message: 5303

Yes, it's a bit noisy. And a bit disarming at first.
But the key to long life is letting the tuner go through
it's tuning routine at a low power level like 5-10 watts
and NOT expecting it to survive doing that with 100
watts.

Jeff
wa6fwi

[Non-text portions of this message have been removed]

5304. LDG Z817 Tuner Problem

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-03-26 23:10:35 UTC
From: norman jackson
Topic: 5304 Message: 5304

I am having trouble with my Z817 tuner tuning on 40 meters. I have the FT 817 rig with an 80M dipole The tuner will tune every band flat from 3.5mhz to 29mhz with out a problem except when I try to tune 40 M. It does not respond properly and leaves me with a high SWR. Can anyone help?
Thanks.
Norm/K1NAJ

[Non-text portions of this message have been removed]

5305. Re: [LDG-auto-tuners] LDG Z817 Tuner Problem

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-03-26 23:14:57 UTC
From: Josh Mesilane
Topic: 5304 Message: 5305

What are you feeding the antenna with? What type of balun are you using?

At 40m and 80m dipole is exactly a full wavelength, 1/2 wave on each element which is going to present an extremely high impedance. Use of a 4:1 balun *might* bring the impedance down low enough for the tuner to be able to tune the antenna, although your mileage may vary. I think you'll find that just about any tuner will struggle to tune an 80m dipole on 40m due to the high impedances involved.

Cheers,
Josh

On Tue, Mar 27, 2012 at 10:10 AM, norman jackson
<jackson_norman@...>wrote:

> **
>
>
> I am having trouble with my Z817 tuner tuning on 40 meters. I have the FT
> 817 rig with an 80M dipole The tuner will tune every band flat from 3.5mhz
> to 29mhz with out a problem except when I try to tune 40 M. It does not
> respond properly and leaves me with a high SWR. Can anyone help?
> Thanks.
> Norm/K1NAJ
>
> [Non-text portions of this message have been removed]
>
>
>

--
Callsign: VK3HGI
Website: http://zindello.chibiko.net/
Email: zindello@chibiko.net
Phone: 0416 039 082

[Non-text portions of this message have been removed]

5306. Re: [LDG-auto-tuners] LDG Z817 Tuner Problem

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-03-27 00:01:44 UTC
From: norman jackson
Topic: 5304 Message: 5306

Thanks Josh! I am feeding the 80M dipole with RG8 coax. I only have aa center insulater separating the twolegs of the antenna.
Norm

From: Josh Mesilane <zindello@...>
To: LDG-auto-tuners@yahoogroups.com
Sent: Monday, March 26, 2012 7:14 PM
Subject: Re: [LDG-auto-tuners] LDG Z817 Tuner Problem

What are you feeding the antenna with? What type of balun are you using?

At 40m and 80m dipole is exactly a full wavelength, 1/2 wave on each element which is going to present an extremely high impedance. Use of a 4:1 balun *might* bring the impedance down low enough for the tuner to be able to tune the antenna, although your mileage may vary. I think you'll find that just about any tuner will struggle to tune an 80m dipole on 40m due to the high impedances involved.

Cheers,
Josh

On Tue, Mar 27, 2012 at 10:10 AM, norman jackson <jackson_norman@...>wrote:

> **
>
>
> I am having trouble with my Z817 tuner tuning on 40 meters. I have the FT
> 817 rig with an 80M dipole The tuner will tune every band flat from 3.5mhz
> to 29mhz with out a problem except when I try to tune 40 M. It does not
> respond properly and leaves me with a high SWR. Can anyone help?
> Thanks.
> Norm/K1NAJ
>
> [Non-text portions of this message have been removed]
>
>
>

--
Callsign: VK3HGI
Website: http://zindello.chibiko.net/
Email: zindello@...
Phone: 0416 039 082

[Non-text portions of this message have been removed]

Yahoo! Groups Links

[Non-text portions of this message have been removed]

5307. Re: [LDG-auto-tuners] LDG Z817 Tuner Problem

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-03-27 00:09:59 UTC
From: Josh Mesilane
Topic: 5304 Message: 5307

In an ideal world that should work on 80m, as the antenna would be prefectly balanced, however in a practical world that's not good, and the antenna won't be balanced. Variations in height, surrounding objects, ground density, etc will result in the antenna being off-balance slightly, which will result in common mode currents coming back down the shield of your coax.

I should suggest here that you use *at least* a 1:1 balun of some sort, even an "ugly balun" style to choke off common-mode currents, however you'll have huge losses in your coax at non-resonant frequencies due to standing waves and the antenna won't perform very well on any band other than 80m (remember, just because the radio sees a 1:1 tune between the radio and the tuner does not mean that you don't have standing waves and a poor SWR between the tuner and the antenna)

Really, if you want to use an 80m dipole on any band other than 80m, you should be feeding it with balanced line of some sort, using a 1:1 *current*balun and the shortest length of coax between the balun and the tuner that
is possible. If you simply feed it with coax, or feed it with coax via a 1:1 balun at the feed point then your transmission line losses are going to be huge on any non-resonant band and you'll get degraded performance.

I have a similar setup at home, a 46m doublet antenna fed with 30m of home-made ladder line using a 1:1 balun and a 50cm jumper of RG-213 coax to the tuner and it works an absolute treat.

On Tue, Mar 27, 2012 at 11:01 AM, norman jackson <jackson_norman@...>wrote:

> **
>
>
> Thanks Josh! I am feeding the 80M dipole with RG8 coax. I only have aa
> center insulater separating the twolegs of the antenna.
> Norm
>
> _____
> From: Josh Mesilane <zindello@...>
> To: LDG-auto-tuners@yahoogroups.com
> Sent: Monday, March 26, 2012 7:14 PM
> Subject: Re: [LDG-auto-tuners] LDG Z817 Tuner Problem
>
>
> What are you feeding the antenna with? What type of balun are you using?
>

> At 40m and 80m dipole is exactly a full wavelength, 1/2 wave on each
> element which is going to present an extremely high impedance. Use of a 4:1
> balun *might* bring the impedance down low enough for the tuner to be able
> to tune the antenna, although your mileage may vary. I think you'll find
> that just about any tuner will struggle to tune an 80m dipole on 40m due to
> the high impedances involved.
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> Cheers,
> Josh
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> On Tue, Mar 27, 2012 at 10:10 AM, norman jackson
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> FT
> > 817 rig with an 80M dipole The tuner will tune every band flat from
> 3.5mhz
> > to 29mhz with out a problem except when I try to tune 40 M. It does not
> > respond properly and leaves me with a high SWR. Can anyone help?
> > Thanks.
> > Norm/K1NAJ
> >
> > [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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Phone: 0416 039 082

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5308. Re: [LDG-auto-tuners] LDG Z817 Tuner Problem

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-03-27 00:17:06 UTC
From: norman jackson
Topic: 5304 Message: 5308

Thanks Josh! I have ordered a 1:1 balun from Buxcom. Should I but that as close to the rig as possible and leave the center insulator where it is?

From: Josh Mesilane <zindello@chibiko.net>
To: LDG-auto-tuners@yahoogroups.com
Sent: Monday, March 26, 2012 8:09 PM
Subject: Re: [LDG-auto-tuners] LDG Z817 Tuner Problem

In an ideal world that should work on 80m, as the antenna would be prefectly balanced, however in a practical world that's not good, and the antenna won't be balanced. Variations in height, surrounding objects, ground density, etc will result in the antenna being off-balance slightly, which will result in common mode currents coming back down the shield of your coax.

I should suggest here that you use *at least* a 1:1 balun of some sort, even an "ugly balun" style to choke off common-mode currents, however you'll have huge losses in your coax at non-resonant frequencies due to standing waves and the antenna won't perform very well on any band other than 80m (remember, just because the radio sees a 1:1 tune between the radio and the tuner does not mean that you don't have standing waves and a poor SWR between the tuner and the antenna)

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I have a similar setup at home, a 46m doublet antenna fed with 30m of home-made ladder line using a 1:1 balun and a 50cm jumper of RG-213 coax to the tuner and it works an absolute treat.

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> ---

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> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links

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Yahoo! Groups Links

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5309. Re: [LDG-auto-tuners] LDG Z817 Tuner Problem

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-03-27 00:29:11 UTC
From: Josh Mesilane
Topic: 5304 Message: 5309

Hi Norm,

I've replied off-list as your queries are more related to antenna theory
than the tuner it's self now.

Cheers,
Josh

On Tue, Mar 27, 2012 at 11:17 AM, norman jackson
<jackson_norman@...>wrote:

> **
>
>
> Thanks Josh! I have ordered a 1:1 balun from Buxcom. Should I but that
> as close to the rig as possible and leave the center insulator where it is?
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> From: Josh Mesilane <zindello@chibiko.net>
> To: LDG-auto-tuners@yahoogroups.com
> Sent: Monday, March 26, 2012 8:09 PM
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> Subject: Re: [LDG-auto-tuners] LDG Z817 Tuner Problem
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> ground density, etc will result in the antenna being off-balance slightly,
> which will result in common mode currents coming back down the shield of
> your coax.
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> I should suggest here that you use *at least* a 1:1 balun of some sort,
> even an "ugly balun" style to choke off common-mode currents, however
> you'll have huge losses in your coax at non-resonant frequencies due to
> standing waves and the antenna won't perform very well on any band other
> than 80m (remember, just because the radio sees a 1:1 tune between the
> radio and the tuner does not mean that you don't have standing waves and a
> poor SWR between the tuner and the antenna)
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> Really, if you want to use an 80m dipole on any band other than 80m, you
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> > To: LDG-auto-tuners@yahoogroups.com
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> > balun *might* bring the impedance down low enough for the tuner to be
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> > to tune the antenna, although your mileage may vary. I think you'll find
> > that just about any tuner will struggle to tune an 80m dipole on 40m due
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> > the high impedances involved.
> >
> > Cheers,
> > Josh
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> > On Tue, Mar 27, 2012 at 10:10 AM, norman jackson
> > <jackson_norman@yahoo.com>wrote:
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> >
> > >
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> > > 817 rig with an 80M dipole The tuner will tune every band flat from

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Callsign: VK3HGI
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Email: zindello@...
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[Non-text portions of this message have been removed]

5310. Re: [LDG-auto-tuners] LDG Z817 Tuner Problem

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-03-27 13:28:07 UTC
From: Charles Scott
Topic: 5304 Message: 5310

Norman:

The 80 Meter dipole will not be usable in your configuration for 40 Meters regardless of what balun you put on it. The impedance at the feed point on 40 Meters is going to be very high (as has been mentioned) so you simply can't feed it with RG8 and expect it to be useable. Any reasonable balun will not fix this, nor will ensuring balance of the antenna. (I believe the last post was relating only to 80 Meter operation.)

Since it's a simple dipole, the easy thing to do is to add a 40 Meter element to it. This is simply a matter of attaching another set of wires at the feed-point and hanging them below the 80 Meter element. Doing this should make it useable on a number of bands, even with the tuner at the radio and feeding the antenna with RG8. Better yet, add elements for a few more bands and you may be able to use it without any tuner.

The 1:1 balun will still be good to have in there and will help to minimize common-mode currents on the coax that might cause stray RF problems, depending on the design of the balun.

Chuck - N8DNX

On 3/26/2012 8:17 PM, norman jackson wrote:
> Thanks Josh! I have ordered a 1:1 balun from Buxcom. Should I but that as close to the rig as possible and leave the center insulator where it is?

5311. Re: LDG Z817 Tuner Problem

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-03-27 15:56:46 UTC
From: sentman2000
Topic: 5304 Message: 5311

Hi,

this is an easy one :

The manual states : 'Optional external Balun allows tuning of random length, long wire or ladder line fed antennas.'
Since your antenna is NOT a 'random lenght' (it's a resonant dipole for 80m) and not a long wire neither ladder line fed.

One might assume you're out of business here.

Regards, 73,
Ger, pg5v

--- In LDG-auto-tuners@yahoogroups.com, Charles Scott <cscott@...> wrote:
>
> Norman:
>
> The 80 Meter dipole will not be usable in your configuration for 40
> Meters regardless of what balun you put on it. The impedance at the feed
> point on 40 Meters is going to be very high (as has been mentioned) so
> you simply can't feed it with RG8 and expect it to be useable. Any
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> antenna. (I believe the last post was relating only to 80 Meter operation.)
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> the radio and feeding the antenna with RG8. Better yet, add elements for
> a few more bands and you may be able to use it without any tuner.
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> The 1:1 balun will still be good to have in there and will help to
> minimize common-mode currents on the coax that might cause stray RF
> problems, depending on the design of the balun.
>
> Chuck - N8DNX
>
> On 3/26/2012 8:17 PM, norman jackson wrote:
> > Thanks Josh! I have ordered a 1:1 balun from Buxcom. Should I but that as close to the rig as possible and leave the center insulator where it is?
>

5312. Re: New LDG Z11Pro2: behaviour during tuning surprises me...

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-03-27 17:57:41 UTC
From: sentman2000
Topic: 5300 Message: 5312

Adriaan,

RTFM, if the qrg is not in memory, and a full tune necessary,
never tune at full power.
My AT-200Pro does the job at < 10W
There is a reason for this, you know.

But..... of course this is/was your standard practice.

BTW.
Cuz if you tune full smoke as a standard procedure on your
LC manual tuner, you eventually end up replacing the final transistors
of your rig.
But fortuanately nowadays these transistors are cheaper then the ones I once had to solder into my Drake.
(without the intention of starting a discussion on the quality of roll back control on earlier transitorized rigs..)

Regards,
Ger, pg5v

PS.
The pedantic wording is english.
In our first language the tekst looks much friendlier.

--- In LDG-auto-tuners@yahoogroups.com, "pe1kel" <adriaanaarts@...> wrote:
>
> I bought a brand new LDG tuner, the Z11PRO2.
> Firstly I read the manual and after that I started the auto-tune.
> What was happening surprised me, I heared the sound of a rattlesnake inside the tuner.
> All the relais were activated in sequence in a fraction of a second, and this during about 6 seconds.
> The tuner did the work, the swr was adjusted very well.
> Now I am curious how long it takes till I can sent the tuner to LDG for replacing some relais...
> Does anybody recognize this ?
> To my opinion I prefer the good old manually adjustable tuner with the big variable caps and manually switchable coils if I compare.
> I wonder that I own this Z11Pro2 over 2 years, or I have to leave it in the wastepaperbasket in 2014.
>
> What's your opinion?
>
> Adriaan, PE1KEL.
>

5313. Z11proII tuner problems

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-03-29 03:26:51 UTC
From: deputyjoel
Topic: 5313 Message: 5313

Hi Group,

I have a Yaesu FT857D at 100 watts. I'm running it mobile with a Z11proII tuner. My antenna is a Chameleon V2L which is similar to the Hamstick. When I tune it on 17 meters I press the tune button and it goes through its tune process and all is well. On three separate occasions while in a middle of a QSO it drops out of tune and starts the tuning process again in the middle of a conversation. Very annoying! Any thoughts on why it does not hold a tune? All grounded well, coax is good, constant power. I don't have the tuner grounded, and I've been thinking about that as a possibility.

Thanks, Joel K6OJN

5314. Re: [LDG-auto-tuners] Z11proII tuner problems

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-03-29 12:55:12 UTC
From: Leonard K. Pennock
Topic: 5313 Message: 5314

I had a similar problem an it turned out the hamstick was going bad. If
the problem just started check everything for good connections.

On 03/28/2012 08:26 PM, deputyjoel wrote:
> Hi Group,
>
> I have a Yaesu FT857D at 100 watts. I'm running it mobile with a Z11proII tuner. My antenna is a Chameleon V2L which is similar to the Hamstick. When I tune it on 17 meters I press the tune button and it goes through its tune process and all is well. On three separate occasions while in a middle of a QSO it drops out of tune and starts the tuning process again in the middle of a conversation. Very annoying! Any thoughts on why it does not hold a tune? All grounded well, coax is good, constant power. I don't have the tuner grounded, and I've been thinking about that as a possibility.
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> Thanks, Joel K6OJN
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
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--
Leonard K. Pennock
AD7AS

Those who walk bravely through life, unafraid of loss or failure,
find that they very rarely lose or fail.

5315. Re: Z11proII tuner problems

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-03-29 13:10:00 UTC
From: kb0naz
Topic: 5313 Message: 5315

seems to me that the LDG tuners are quite susceptible to rf.
I have a Z11Pro and a Z11ProII,the ProII I use with an FT-817 and it re-tunes occasionally;the Z11Pro I use with a FT-450 and it quite often retunes. My MFJ929 doesn't do this
Scott KB0NAZ
--- In LDG-auto-tuners@yahoogroups.com, "deputyjoel" <deputyjoel@...> wrote:
>
> Hi Group,
>
> I have a Yaesu FT857D at 100 watts. I'm running it mobile with a Z11proII tuner. My antenna is a Chameleon V2L which is similar to the Hamstick. When I tune it on 17 meters I press the tune button and it goes through its tune process and all is well. On three separate occasions while in a middle of a QSO it drops out of tune and starts the tuning process again in the middle of a conversation. Very annoying! Any thoughts on why it does not hold a tune? All grounded well, coax is good, constant power. I don't have the tuner grounded, and I've been thinking about that as a possibility.
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> Thanks, Joel K6OJN
>

5316. Re: [LDG-auto-tuners] Z11proII tuner problems

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-03-29 13:46:02 UTC
From: Charles Scott
Topic: 5313 Message: 5316

Joel:

Here's the list of things that can cause this, not necessarily in order of likelihood.

* Something intermittent or not quite right with the antenna or something in it's immediate vicinity causing the load the tuner sees to change. This includes shield ("ground") connections to the vehicle body and interconnections between vehicle body parts.

* Marginal problems with certain tuner contacts, solder connections, or components.

* Instability in the radio causing enough energy to occasionally fall outside of the frequency range the tuner sees as acceptable SWR.

* The tuner chose a match that was very close to the acceptable SWR threshold. Don't know if the LDG tuners have hysteresis in the SWR sensing to prevent this.

* And, the unlikely possibility that another transmitter in the immediate vicinity is injecting enough RF into your antenna to be picked up as reflected power by the tuner.

Chuck - N8DNX

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>>
>> Thanks, Joel K6OJN
>>

5317. Re: Z11proII tuner problems

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-03-30 04:33:12 UTC
From: Mike Lichtman
Topic: 5313 Message: 5317

Joel,
I have seen my LDG 200 Pro do the same thing when the SWR is real close to the threshold you have set. On voice peaks in the AM mode, it pushes just over the threshold and triggers a retune. You might try setting the threshold level higher if your xcvr can handle it or, better yet, using an antenna that is closer to resonant on the desired frequency. 73 Mike KF6KXG

5318. Re: Z11proII tuner problems

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-03-30 11:45:37 UTC
From: Mike Parker
Topic: 5313 Message: 5318

Hi chuck, I would agree with all your points there. From my stance, sometimes the antenna itself is just too close to the antenna so lots of RF is getting into the chassis. Worth keeping antenna and tuner as far apart as possible. Definitely use an earth spike on the grounding lug of the radio and ATU. Also, a few windings of coax near to the antenna to act as an RF choke to stop RF working into the braid would also be advisable.

I have the Z11 Pro II and the Chameleon V2L and have suffered none of the problems mentioned. I have however had a similar problem on my AT200 Pro II when using on 160m with my Sandpiper MV10, if using considerable power as my Antenna is positioned only feet away from the radio at my home QTH, unavoidably. For top band, I just keep the power as low as I can get away with.

73

Mike
M0SAZ

--- In LDG-auto-tuners@yahoogroups.com, Charles Scott <cscott@...> wrote:
>
> Joel:
>
> Here's the list of things that can cause this, not necessarily in order
> of likelihood.
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> * Something intermittent or not quite right with the antenna or
> something in it's immediate vicinity causing the load the tuner sees to
> change. This includes shield ("ground") connections to the vehicle body
> and interconnections between vehicle body parts.
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> * Marginal problems with certain tuner contacts, solder connections, or
> components.
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> * Instability in the radio causing enough energy to occasionally fall
> outside of the frequency range the tuner sees as acceptable SWR.
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> * The tuner chose a match that was very close to the acceptable SWR
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> sensing to prevent this.
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> * And, the unlikely possibility that another transmitter in the
> immediate vicinity is injecting enough RF into your antenna to be picked
> up as reflected power by the tuner.
>
> Chuck - N8DNX

5319. Re: Z11proII tuner problems

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-03-30 13:21:46 UTC
From: Joel Northrup
Topic: 5313 Message: 5319

Group,

Thank you for all your thoughts, I'll follow up and start tracking some of these issues. It seems to only do this on 17 meters, so it may be issues with the antenna.

Joel

5320. Re: [LDG-auto-tuners] Re: Z11proII tuner problems

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-03-30 13:27:55 UTC
From: Leonard K. Pennock
Topic: 5313 Message: 5320

Do you have a choke on your feed line? Since the problem is only on 17M
you may be getting RFI from common mode currents on the feed line at
that frequency.

On 03/30/2012 06:21 AM, Joel Northrup wrote:
> Group,
>
> Thank you for all your thoughts, I'll follow up and start tracking some of these issues.
It seems to only do this on 17 meters, so it may be issues with the antenna.
>
> Joel
>
> ------------------------------------
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--
Leonard K. Pennock
AD7AS

Those who walk bravely through life, unafraid of loss or failure,
find that they very rarely lose or fail.

5321. Re: [LDG-auto-tuners] Re: Z11proII tuner problems

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-03-30 13:38:33 UTC
From: Charles Scott
Topic: 5313 Message: 5321

Mike:

I knew there was something I forgot. Stray RF can certainly cause problems with some auto-tuners. Not only that, but some auto-tuners can actually inject stray RF into the RX signal.

On the first point, stray RF, if strong enough and it gets into the tuner, can interfere with the logic in a tuner and cause it to function erratically. This is generally due to common mode currents on the transmission lines due to feed imbalance and/or close coupling to the near-field of the antenna. (We can have the discussion about earth grounds, but that starts to bring up some deep-rooted misconceptions by hams and is probably not appropriate for this forum.)

On the second point, stray RF from other sources such as computers, power lines, or whatever, can sometimes get into the receiver by way of some tuners. We first noticed this with our Z100 tuners used at the EOCs. RF noise from the adjacent data center was coupled onto the ground of the power cable to the Z100 and induced into the RF section of the tuner. We dropped several S-Units of noise by modifying those tuners. I doubt that's a problem with any of the recent LDG tuners.

Chuck - N8DNX

On 3/30/2012 7:45 AM, Mike Parker wrote:
> Hi chuck, I would agree with all your points there. From my stance, sometimes the antenna itself is just too close to the antenna so lots of RF is getting into the chassis. Worth keeping antenna and tuner as far apart as possible. Definitely use an earth spike on the grounding lug of the radio and ATU. Also, a few windings of coax near to the antenna to act as an RF choke to stop RF working into the braid would also be advisable.
>
> I have the Z11 Pro II and the Chameleon V2L and have suffered none of the problems mentioned. I have however had a similar problem on my AT200 Pro II when using on 160m with my Sandpiper MV10, if using considerable power as my Antenna is positioned only feet away from the radio at my home QTH, unavoidably. For top band, I just keep the power as low as I can get away with.
>
> 73
>
> Mike
> M0SAZ

5322. factory reset 600 pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-03-30 01:50:14 UTC
From: shfoster2001
Topic: 5322 Message: 5322

Hello, How do I reset the 600pro to factory values?
Thanks
Steve

5323. Re: Z11proII tuner problems

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-03-30 16:02:19 UTC
From: AE7HS
Topic: 5313 Message: 5323

I have 4 LDG tuners including a z11pro. I have never had any RF issues I do have a good station ground. Are those having strange issues running good grounding?

Anthony
AE7HS

5324. Does the AT-600 ever go better than 1.5:1 swr???

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-03-30 16:58:55 UTC
From: Daniel
Topic: 5324 Message: 5324

Thinking about the At-600 and a KPA-500 amp, but
the kpa-500 says it should be better than 1.5:1.

I've been told the ldg tuners stop at 1.5:1 and
won't do better. Is this correct?

Thanks,

Dan

5325. Re: Does the AT-600 ever go better than 1.5:1 swr???

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-03-30 17:23:05 UTC
From: Dwayne
Topic: 5324 Message: 5325

Hi Daniel,

All LDG tuners try to find the best match possible. You hear the 1.5 number come up a lot because of our specs that says it will tune a match of 10:1 to 1.5 or less. That just gives you a good indication of what match range it will find for you.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "Daniel" <foreveraccount@...> wrote:
>
>
>
> Thinking about the At-600 and a KPA-500 amp, but
> the kpa-500 says it should be better than 1.5:1.
>
> I've been told the ldg tuners stop at 1.5:1 and
> won't do better. Is this correct?
>
> Thanks,
>
> Dan
>

5326. Re: [LDG-auto-tuners] Does the AT-600 ever go better than 1.5:1 swr???

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-03-30 18:14:09 UTC
From: Jimmy (WB8NBI)
Topic: 5324 Message: 5326

Mine will tune to less than 1.5 to 1

DE Jimmy (WB8NBI)

From: Daniel
Sent: Friday, March 30, 2012 12:58 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Does the AT-600 ever go better than 1.5:1 swr???

Thinking about the At-600 and a KPA-500 amp, but
the kpa-500 says it should be better than 1.5:1.

I've been told the ldg tuners stop at 1.5:1 and
won't do better. Is this correct?

Thanks,

Dan

[Non-text portions of this message have been removed]

5327. Re: factory reset 600 pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-03-30 19:36:24 UTC
From: Dwayne
Topic: 5322 Message: 5327

Hi Steve,

The 600Pro does not have a reset. Each memory position is checked to see if it needs to be reset on the fly. So if you change antennas and retune on a particular frequency, the tuner will try the memory first. If the memory is not a match, the tuner will automatically do a complete retune from scratch. If it finds a match, it will then store the new relay setting into memory. If it does not find a match, it will not store it.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "shfoster2001" <shfoster@...> wrote:
>
> Hello, How do I reset the 600pro to factory values?
> Thanks
> Steve
>

5328. Re: Does the AT-600 ever go better than 1.5:1 swr???

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-03-30 20:46:00 UTC
From: Daniel
Topic: 5324 Message: 5328

Very good,

Thanks everyone.

Dan

--- In LDG-auto-tuners@yahoogroups.com, "Jimmy \(WB8NBI\)" <wb8nbi@...> wrote:
>
> Mine will tune to less than 1.5 to 1
>
> DE Jimmy (WB8NBI)
>
> From: Daniel
> Sent: Friday, March 30, 2012 12:58 PM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: [LDG-auto-tuners] Does the AT-600 ever go better than 1.5:1 swr???
>
>
>
>
> Thinking about the At-600 and a KPA-500 amp, but
> the kpa-500 says it should be better than 1.5:1.
>
> I've been told the ldg tuners stop at 1.5:1 and
> won't do better. Is this correct?
>
> Thanks,
>
> Dan
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

5329. Re: [LDG-auto-tuners] Does the AT-600 ever go better than 1.5:1 swr???

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-03-31 04:50:57 UTC
From: KK2DOG in NY
Topic: 5324 Message: 5329

No, that's not correct. Mine will go down to 1:1

KK2DOG
Owner/Admin
www.hamwave.com

From: Daniel <foreveraccount@...>
To: LDG-auto-tuners@yahoogroups.com
Sent: Friday, March 30, 2012 12:58 PM
Subject: [LDG-auto-tuners] Does the AT-600 ever go better than 1.5:1 swr???

Thinking about the At-600 and a KPA-500 amp, but
the kpa-500 says it should be better than 1.5:1.

I've been told the ldg tuners stop at 1.5:1 and
won't do better. Is this correct?

Thanks,

Dan

[Non-text portions of this message have been removed]

5330. Re: Does the AT-600 ever go better than 1.5:1 swr???

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-03-30 21:46:54 UTC
From: horst_vk2hl
Topic: 5324 Message: 5330

Been using an AT600pro with a Tokyo HL450B amp for a while (similar setup to what you want to do). It is a very nice combo and works very well. The AT600pro even matches the HL450 in size.....
One thing Wayne might like to answer, occasionally the tuner software seems to crash and I have to remove the DC to restore operation. The power button does not work then.
I have modified it and fitted a switch to the front panel and that solves it, and has the additional benefit of instant bypass and antenna2 selection. When you turn the power back on it just comes back to the last tuned setting... very good.

--- In LDG-auto-tuners@yahoogroups.com, "Daniel" <foreveraccount@...> wrote:
>
> Very good,
>
> Thanks everyone.
>
> Dan
>
>
>
>
> --- In LDG-auto-tuners@yahoogroups.com, "Jimmy \(WB8NBI\)" <wb8nbi@> wrote:
> >
> > Mine will tune to less than 1.5 to 1
> >
> > DE Jimmy (WB8NBI)
> >
> > From: Daniel
> > Sent: Friday, March 30, 2012 12:58 PM
> > To: LDG-auto-tuners@yahoogroups.com
> > Subject: [LDG-auto-tuners] Does the AT-600 ever go better than 1.5:1 swr???
> >
> >
> >
> >
> > Thinking about the At-600 and a KPA-500 amp, but
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> > I've been told the ldg tuners stop at 1.5:1 and
> > won't do better. Is this correct?
> >
> > Thanks,
> >
> > Dan
> >
> >

> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

5331. IT-100 problem

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-03-31 23:12:45 UTC
From: wa4yiz
Topic: 5331 Message: 5331

IT-100 problem.....

works great on all bands except for 15M....
when in line...will tune to a 1.5 to 1 or less..GREAT....
BUT...attenuate's the rcv signal appx 5 S-units.....
place in bypass mode...rcv signal comes up 5-units.....

dwayne suggested trying different coax lengths...
added 5/10/20 feet...
no help...

i swapped rig's...coax switch
no joy...

removed switch...ant direct to tuner...
again no help..

the AT-100 PRO II....
works GREAT either rig...
any configuration....

SWR's..
freq tuner in swr tuner bypassed swr
3.895 1.5 3.3
7.225 1.2 2
14.285 1.2 3.5
18.134 1.5 4
21.225 1.3 4
24.965 1.6 4
28.405 1.1 4

layout....

g5rv ant at 30 feet....30 ft ladder line to 70 ft coax...
feeds a MFJ-1702C coax switch...
port A....5 ft coax to IT-100 to a IC7000..pwr is a astron RS35
port B....5 ft coax to AT-100 PRO II to a IC706...pwr is a samlex 1235
common ground point tie's ALL to a 1/2 in solid copper ground rod with 3 ft of # 10

sent the IT-100 back to LDG....
Wayne is going to take a look...

anyone had a problem simular ?

73s

jim crisco
wa4yiz

jcrisco at aol dot com

5332. IT100/Icom 7200 woes

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-04-01 04:22:07 UTC
From: Jim
Topic: 5332 Message: 5332

This prob is driving me nuts! Just bought an LDG IT100 that replaces a borrowed legacy LDG AT1000. It just doesn't seem to like 75M (experiments in progress on the upper bands). Can't seem to get over 75W from the radio without RFI (from the tuner ?!?!?!?) causing the radio to shutdown and turn back on again. Had this prob previously which was cured by a ground short link between radio and AT-1000 tuner. Configuration is radio -- tuner -- Daiwa pwr/swrr meter -- feed line/antenna. It is noteworthy that my antenna (Buddipole) is resonant at less than 1:1 at 75M. If I pull the tuner out of circuit the radio is happy with the Z it sees to the antenna.

In addition to the short (6 inch) jumper cables between radio/tuner/swr meter, I've tried numerous solutions including running a ground to the water pipe just outside my apartment door (I'm at ground level). Repositioning the tuner has had no effect. Next will be extending the control cable and coax jumper to move it further away from the radio. It is noteworthy that I have no radio shut down with the tuner completely out of circuit.

Any ideas anyone?

-- Jim

5333. Re: [LDG-auto-tuners] IT100/Icom 7200 woes

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-04-01 23:39:13 UTC
From: doug pfaff
Topic: 5332 Message: 5333

Have you tried talking to Dwight from LDG he is on this forum he can likely steer you to the tech guys in his organization,

What form of DC power are you using? Battery or Power Supply and if so what specific model, all power supplies are not necessarily the same if there switch mode. See QST from Feb 2012 for examples the EMI on the dc power leads might be the culperit.

Doug ve5dcp

Doug Pfaff
doug.pfaff@...
----- Original Message -----
From: Jim
To: LDG-auto-tuners@yahoogroups.com
Sent: Saturday, March 31, 2012 9:22 PM
Subject: [LDG-auto-tuners] IT100/Icom 7200 woes

This prob is driving me nuts! Just bought an LDG IT100 that replaces a borrowed legacy LDG AT1000. It just doesn't seem to like 75M (experiments in progress on the upper bands). Can't seem to get over 75W from the radio without RFI (from the tuner ?!?!?!?) causing the radio to shutdown and turn back on again. Had this prob previously which was cured by a ground short link between radio and AT-1000 tuner. Configuration is radio -- tuner -- Daiwa pwr/swrr meter -- feed line/antenna. It is noteworthy that my antenna (Buddipole) is resonant at less than 1:1 at 75M. If I pull the tuner out of circuit the radio is happy with the Z it sees to the antenna.

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Any ideas anyone?

-- Jim

[Non-text portions of this message have been removed]

5334. Re: [LDG-auto-tuners] IT100/Icom 7200 woes

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-04-01 23:55:49 UTC
From: doug pfaff
Topic: 5332 Message: 5334

PROPER GROUND PATHING IS THE OTHER watch the lead lengths also.

HAVE YOU TRIED A 1/4 WAVE LEAD ON THE GROUND LUG?

THE LDG GUY IS DWAYNE NOT WHO I PREVIOUSLY IDENTIFIED

DOUG VE5DCP

Doug Pfaff
doug.pfaff@...
----- Original Message -----
From: doug pfaff
To: LDG-auto-tuners@yahoogroups.com
Sent: Sunday, April 01, 2012 4:39 PM
Subject: Re: [LDG-auto-tuners] IT100/Icom 7200 woes

Have you tried talking to Dwight from LDG he is on this forum he can likely steer you to the tech guys in his organization,

What form of DC power are you using? Battery or Power Supply and if so what specific model, all power supplies are not necessarily the same if there switch mode. See QST from Feb 2012 for examples the EMI on the dc power leads might be the culperit.

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Doug Pfaff
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Subject: [LDG-auto-tuners] IT100/Icom 7200 woes

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Any ideas anyone?

-- Jim

[Non-text portions of this message have been removed]

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5335. Re: IT100/Icom 7200 woes

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-04-02 00:41:44 UTC
From: Jim
Topic: 5332 Message: 5335

Hi Doug --

Using 12 deep discharge batt as my power source. The damned prob manifests ONLY when the LDG is connected in circuit. Remove it and all is right in Camelot. I've got my Buddipole vert tuned by way of using an iP230 SR meter/analyzer to tweak it (ref: http://www.iportableus.com/).

Between tuner & radio tried ferrites on the short ground lead, control cable, RF jumper (18 inches of RG-58), battery leads. Will try the mic.
I just verified that the prob exists on 40M as well. I've got a borrowed MFJ artificial ground I'm going to try. Else, next stop will be LDG tech support. Frustrating!!!

-- Jim

--- In LDG-auto-tuners@yahoogroups.com, "doug pfaff" <doug.pfaff@...> wrote:
>
> PROPER GROUND PATHING IS THE OTHER watch the lead lengths also.
>
> HAVE YOU TRIED A 1/4 WAVE LEAD ON THE GROUND LUG?
>
> THE LDG GUY IS DWAYNE NOT WHO I PREVIOUSLY IDENTIFIED
>
> DOUG VE5DCP
>
> Doug Pfaff
> doug.pfaff@...
> ----- Original Message -----
> From: doug pfaff
> To: LDG-auto-tuners@yahoogroups.com
> Sent: Sunday, April 01, 2012 4:39 PM
> Subject: Re: [LDG-auto-tuners] IT100/Icom 7200 woes
>
>
>
> Have you tried talking to Dwight from LDG he is on this forum he can likely steer you to the tech guys in his organization,
>
> What form of DC power are you using? Battery or Power Supply and if so what specific model, all power supplies are not necessarily the same if there switch mode. See QST from Feb 2012 for examples the EMI on the dc power leads might be the culperit.
>
> Doug ve5dcp
>
> Doug Pfaff
> doug.pfaff@...
> ----- Original Message -----

> From: Jim
> To: LDG-auto-tuners@yahoogroups.com
> Sent: Saturday, March 31, 2012 9:22 PM
> Subject: [LDG-auto-tuners] IT100/Icom 7200 woes
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> AT-1000 tuner. Configuration is radio -- tuner -- Daiwa pwr/swrr meter -- feed
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> Z it sees to the antenna.
>
> In addition to the short (6 inch) jumper cables between radio/tuner/swr meter,
> I've tried numerous solutions including running a ground to the water pipe just
> outside my apartment door (I'm at ground level). Repositioning the tuner has had
> no effect. Next will be extending the control cable and coax jumper to move it
> further away from the radio. It is noteworthy that I have no radio shut down
> with the tuner completely out of circuit.
>
> Any ideas anyone?
>
> -- Jim
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

5336. Re: [LDG-auto-tuners] Re: IT100/Icom 7200 woes-ground path method

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-04-02 01:49:16 UTC
From: doug pfaff
Topic: 5332 Message: 5336

Jim

Have you tried the artificial 1/4 wave ground leads method instead of the water pipe direct to radio ground stud,not familiar with the MFJ artificial ground product.

have you tried the single point ground method instead of the daisy chain method.This means an individual lead from each piece direct to the single radio ground and one connection to earth (or the artificial ground) (use 2 leads for each band).

We found in today's electronic world proper ground path method was more critical than say 10-or 15 years ago

This creates a good rf ground, the water pipe coming into the building might be plastic after the utility shutoff and the old idea to copper pipe ground no longer works, my city mains are all plastic the only copper is about 20 feet to the city shutoff valve near the street

We found in telecommunication where we use to rely on the water pipe exclusively (30 years ago) we had to drive our own driven ground rod network to replace the water pipe primary ground point

Doug ve5dcp

Doug Pfaff
doug.pfaff@...
----- Original Message -----
From: Jim
To: LDG-auto-tuners@yahoogroups.com
Sent: Sunday, April 01, 2012 5:41 PM
Subject: [LDG-auto-tuners] Re: IT100/Icom 7200 woes

Hi Doug --

Using 12 deep discharge batt as my power source. The damned prob manifests ONLY when the LDG is connected in circuit. Remove it and all is right in Camelot. I've got my Buddipole vert tuned by way of using an iP230 SR meter/analyzer to tweak it (ref: http://www.iportableus.com/).

Between tuner & radio tried ferrites on the short ground lead, control cable, RF jumper (18 inches of RG-58), battery leads. Will try the mic.
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> HAVE YOU TRIED A 1/4 WAVE LEAD ON THE GROUND LUG?
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> DOUG VE5DCP
>
> Doug Pfaff
> doug.pfaff@...
> ----- Original Message -----
> From: doug pfaff
> To: LDG-auto-tuners@yahoogroups.com
> Sent: Sunday, April 01, 2012 4:39 PM
> Subject: Re: [LDG-auto-tuners] IT100/Icom 7200 woes
>
>
>
> Have you tried talking to Dwight from LDG he is on this forum he can likely steer you to the tech guys in his organization,
>
> What form of DC power are you using? Battery or Power Supply and if so what specific model, all power supplies are not necessarily the same if there switch mode. See QST from Feb 2012 for examples the EMI on the dc power leads might be the culperit.
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> ----- Original Message -----
> From: Jim
> To: LDG-auto-tuners@yahoogroups.com
> Sent: Saturday, March 31, 2012 9:22 PM
> Subject: [LDG-auto-tuners] IT100/Icom 7200 woes
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> In addition to the short (6 inch) jumper cables between radio/tuner/swr meter,
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> no effect. Next will be extending the control cable and coax jumper to move it
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> with the tuner completely out of circuit.

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> Any ideas anyone?
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> -- Jim
>
> [Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

5337. Re: IT100/Icom 7200 woes

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-04-02 01:50:15 UTC
From: Jim
Topic: 5332 Message: 5337

One puzzler about my tuner problem is that when I remove the tuner and go direct between the radio and the antenna (regardless whether my Daiwa meter is in line or not), the problem does not occur. So, tuner problem, like maybe it is radiating?

-- Jim

5338. Re: [LDG-auto-tuners] Re: IT100/Icom 7200 woes

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-04-02 02:09:35 UTC
From: doug pfaff
Topic: 5332 Message: 5338

The other problem might be ground loop between gear usually caused by daisy chain ground method.

The rf has no place to go that's why the single point ground system.(refer to page 7 note in the LDG manual it makes no mention of daisy chain grounding.

My LDG works flawlessly on a single ground point

Ask about the susceptibility of control wiring between tuner and radio

Every ham shack is different

Doug ve5dcp

Doug Pfaff
doug.pfaff@...
----- Original Message -----
From: Jim
To: LDG-auto-tuners@yahoogroups.com
Sent: Sunday, April 01, 2012 6:50 PM
Subject: [LDG-auto-tuners] Re: IT100/Icom 7200 woes

One puzzler about my tuner problem is that when I remove the tuner and go direct between the radio and the antenna (regardless whether my Daiwa meter is in line or not), the problem does not occur. So, tuner problem, like maybe it is radiating?

-- Jim

[Non-text portions of this message have been removed]

5339. Re: IT100/Icom 7200 woes followup

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-04-03 02:10:25 UTC
From: Jim
Topic: 5332 Message: 5339

I tried all the great suggestions including from LDG: I removed the SWR/Pwr meter from the transmission line entirely, added several ferrites to the tuner control cable and rechecked/retweaked my Buddipole. Configuration now consists of radio-tuner-feedline-TRSB balun-antenna. Cured my problem for SSB anyway. Can now transmit at 100W without the prob manifesting. Howumsoever, in RTTY or AM modes (I've not attempted CW as I have no key and CW will not key up via the PTT), pro is still there unless I back off 20-30W. Going to retry adding in the water pipe ground just to see what it does ...
Argh!!!!

-- Jim

--- In LDG-auto-tuners@yahoogroups.com, "doug pfaff" <doug.pfaff@...> wrote:
>
> The other problem might be ground loop between gear usually caused by daisy chain ground method.
>
> The rf has no place to go that's why the single point ground system.(refer to page 7 note in the LDG manual it makes no mention of daisy chain grounding.
>
> My LDG works flawlessly on a single ground point
>
> Ask about the susceptibility of control wiring between tuner and radio
>
> Every ham shack is different
>
> Doug ve5dcp
>
> Doug Pfaff
> doug.pfaff@...
> ----- Original Message -----
> From: Jim
> To: LDG-auto-tuners@yahoogroups.com
> Sent: Sunday, April 01, 2012 6:50 PM
> Subject: [LDG-auto-tuners] Re: IT100/Icom 7200 woes
>
>
>
>
> One puzzler about my tuner problem is that when I remove the tuner and go direct between the radio and the antenna (regardless whether my Daiwa meter is in line or not), the problem does not occur. So, tuner problem, like maybe it is radiating?
>
> -- Jim
>
>

>
>
>
> [Non-text portions of this message have been removed]
>

5340. Re: [LDG-auto-tuners] Re: IT100/Icom 7200 woes followup

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-04-03 02:13:37 UTC
From: Josh Mesilane
Topic: 5332 Message: 5340

Hi,

Pretty sure if the IT-100 is like the AT-100 then the power rating is in PEP, which means in PSK you're limited to about 30W as PSK is a 100% duty cycle where as PEP is around 30%. At 100W PSK my AT-100 get's VERY grumpy, inductors start getting hot, and the SWR goes through the roof. Something to consider perhaps!

Cheers,
Josh

On Tue, Apr 3, 2012 at 12:10 PM, Jim <n6med@...> wrote:

> **
>
>
> I tried all the great suggestions including from LDG: I removed the
> SWR/Pwr meter from the transmission line entirely, added several ferrites
> to the tuner control cable and rechecked/retweaked my Buddipole.
> Configuration now consists of radio-tuner-feedline-TRSB balun-antenna.
> Cured my problem for SSB anyway. Can now transmit at 100W without the prob
> manifesting. Howumsoever, in RTTY or AM modes (I've not attempted CW as I
> have no key and CW will not key up via the PTT), pro is still there unless
> I back off 20-30W. Going to retry adding in the water pipe ground just to
> see what it does ...
> Argh!!!!
>
> -- Jim
>
> --- In LDG-auto-tuners@yahoogroups.com, "doug pfaff" <doug.pfaff@...>
> wrote:
> >
> > The other problem might be ground loop between gear usually caused by
> daisy chain ground method.
> >
> > The rf has no place to go that's why the single point ground
> system.(refer to page 7 note in the LDG manual it makes no mention of daisy
> chain grounding.
> >
> > My LDG works flawlessly on a single ground point
> >
> > Ask about the susceptibility of control wiring between tuner and radio
> >
> > Every ham shack is different
> >
> > Doug ve5dcp

> >
> > Doug Pfaff
> > doug.pfaff@...
> > ----- Original Message -----
> > From: Jim
> > To: LDG-auto-tuners@yahoogroups.com
> > Sent: Sunday, April 01, 2012 6:50 PM
> > Subject: [LDG-auto-tuners] Re: IT100/Icom 7200 woes
> >
> >
> >
> >
> > One puzzler about my tuner problem is that when I remove the tuner and
> go direct between the radio and the antenna (regardless whether my Daiwa
> meter is in line or not), the problem does not occur. So, tuner problem,
> like maybe it is radiating?
> >
> > -- Jim
> >
> >
> >
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> >
> > [Non-text portions of this message have been removed]
> >
>
>
>

--
Callsign: VK3HGI
Website: http://zindello.chibiko.net/
Email: zindello@...
Phone: 0416 039 082

[Non-text portions of this message have been removed]

5341. Re: [LDG-auto-tuners] Re: IT100/Icom 7200 woes followup

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-04-03 02:40:29 UTC
From: Bill Aycock
Topic: 5332 Message: 5341

What power are you trying for RTTY and AM? Most modern Transceivers will not work constant power Modes, such as RTTY and AM, without problems.
What you are seeing with RTTY and AM may be normal.
Bill--W4BSG

----- Original Message -----
From: "Jim" <n6med@...>
To: <LDG-auto-tuners@yahoogroups.com>
Sent: Monday, April 02, 2012 9:10 PM
Subject: [LDG-auto-tuners] Re: IT100/Icom 7200 woes followup

>I tried all the great suggestions including from LDG: I removed the SWR/Pwr
>meter from the transmission line entirely, added several ferrites to the
>tuner control cable and rechecked/retweaked my Buddipole. Configuration now
>consists of radio-tuner-feedline-TRSB balun-antenna. Cured my problem for
>SSB anyway. Can now transmit at 100W without the prob manifesting.
>Howumsoever, in RTTY or AM modes (I've not attempted CW as I have no key
>and CW will not key up via the PTT), pro is still there unless I back off
>20-30W. Going to retry adding in the water pipe ground just to see what it
>does ...
> Argh!!!!
>
> -- Jim
>
> --- In LDG-auto-tuners@yahoogroups.com, "doug pfaff" <doug.pfaff@...>
> wrote:
>>
>> The other problem might be ground loop between gear usually caused by
>> daisy chain ground method.
>>
>> The rf has no place to go that's why the single point ground
>> system.(refer to page 7 note in the LDG manual it makes no mention of
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>> Every ham shack is different
>>
>> Doug ve5dcp
>>
>> Doug Pfaff
>> doug.pfaff@...
>> ----- Original Message -----

>> From: Jim
>> To: LDG-auto-tuners@yahoogroups.com
>> Sent: Sunday, April 01, 2012 6:50 PM
>> Subject: [LDG-auto-tuners] Re: IT100/Icom 7200 woes
>>
>>
>>
>>
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>> go direct between the radio and the antenna (regardless whether my Daiwa
>> meter is in line or not), the problem does not occur. So, tuner problem,
>> like maybe it is radiating?
>>
>> -- Jim
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>> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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5342. Re: IT100/Icom 7200 woes followup

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-04-03 03:06:56 UTC
From: Jim
Topic: 5332 Message: 5342

Well, therein might be my problem and I'll have to go back to the manual. I have been under the impression that the radio automatically scaled back power on each of those modes if the power was set to max, i.e., 100 W. If it doesn't, well, I need to manually control power out accordingly.

Thanks for that tip.

-- Jim

--- In LDG-auto-tuners@yahoogroups.com, "Bill Aycock" <billaycock@...> wrote:
>
> What power are you trying for RTTY and AM? Most modern Transceivers will not
> work constant power Modes, such as RTTY and AM, without problems.
> What you are seeing with RTTY and AM may be normal.
> Bill--W4BSG
>
> ----- Original Message -----
> From: "Jim" <n6med@...>
> To: <LDG-auto-tuners@yahoogroups.com>
> Sent: Monday, April 02, 2012 9:10 PM
> Subject: [LDG-auto-tuners] Re: IT100/Icom 7200 woes followup
>
>
> >I tried all the great suggestions including from LDG: I removed the SWR/Pwr
> >meter from the transmission line entirely, added several ferrites to the
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> >Howumsoever, in RTTY or AM modes (I've not attempted CW as I have no key
> >and CW will not key up via the PTT), pro is still there unless I back off
> >20-30W. Going to retry adding in the water pipe ground just to see what it
> >does ...
> > Argh!!!!
> >
> > -- Jim
> >
> > --- In LDG-auto-tuners@yahoogroups.com, "doug pfaff" <doug.pfaff@>
> > wrote:
> >>
> >> The other problem might be ground loop between gear usually caused by
> >> daisy chain ground method.
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> >> The rf has no place to go that's why the single point ground
> >> system.(refer to page 7 note in the LDG manual it makes no mention of
> >> daisy chain grounding.
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> >> My LDG works flawlessly on a single ground point
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> >> From: Jim
> >> To: LDG-auto-tuners@yahoogroups.com
> >> Sent: Sunday, April 01, 2012 6:50 PM
> >> Subject: [LDG-auto-tuners] Re: IT100/Icom 7200 woes
> >>
> >>
> >>
> >>
> >> One puzzler about my tuner problem is that when I remove the tuner and
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> >> meter is in line or not), the problem does not occur. So, tuner problem,
> >> like maybe it is radiating?
> >>
> >> -- Jim
> >>
> >>
> >>
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> >> [Non-text portions of this message have been removed]
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> > Yahoo! Groups Links
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5343. Re: [LDG-auto-tuners] Re: IT100/Icom 7200 woes followup

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-04-03 12:39:54 UTC
From: Charles Scott
Topic: 5332 Message: 5343

Jim:

Did you say you're using a BuddyPole? If so, in which configuration.

If the problem is stray RF, it's because it's getting to the equipment on the transmission line, possibly due to feed imbalance. Choke it off at the antenna by coiling the cable or using a "common mode" choke. Could also be coupling into other cables in the near field. Apply chokes there also.

Keep you're RF at the antenna.

Chuck - N8DNX

5344. Re: Z11proII tuner problems

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-04-04 14:05:23 UTC
From: cfmilazzo
Topic: 5313 Message: 5344

Here's are interesting reports of RF pickup by my Z11proII tuner:
I work in a medical office building and we often have a mobile MRI trailer in the parking lot. The MRI was operating and making its repetitive clanking sound one evening while I walked to my car parked about 20 feet away from it. When I got into the car and turned on my Alinco HF radio and LDG tuner I was surprised to see and hear the tuner clicking and flashing in unison with the MRI (a zombie tuner!). Apparently my Comet vertical antenna picked up enough RF from the MRI trailer to activate the SWR sensing circuit in the tuner.
Also, my home station has two HF antennas. An 80 through 10 meters screwdriver vertical antenna is about 15 feet away from a 40 meter full wave loop to which the Z11ProII is always attached. The Z11 works like a charm when using the loop antenna from 5 MHz through 50 MHz. However, when I transmit through the screwdriver vertical, the Z11 which is attached to the loop is unpredictable...sometimes the lights flash and the relays chatter. Putting the tuner into the bypass mode does not stop this behavior. As it has no power switch, the only solution I've found is to disconnect the antenna or the DC power cord from the Z11 tuner.
Carol, KP4MD/W6

--- In LDG-auto-tuners@yahoogroups.com, Charles Scott <cscott@...> wrote:
>
> Joel:
>
> Here's the list of things that can cause this, not necessarily in order
> of likelihood.
>
> * Something intermittent or not quite right with the antenna or
> something in it's immediate vicinity causing the load the tuner sees to
> change. This includes shield ("ground") connections to the vehicle body
> and interconnections between vehicle body parts.
>
> * Marginal problems with certain tuner contacts, solder connections, or
> components.
>
> * Instability in the radio causing enough energy to occasionally fall
> outside of the frequency range the tuner sees as acceptable SWR.
>
> * The tuner chose a match that was very close to the acceptable SWR
> threshold. Don't know if the LDG tuners have hysteresis in the SWR

> sensing to prevent this.
>
> * And, the unlikely possibility that another transmitter in the
> immediate vicinity is injecting enough RF into your antenna to be
picked
> up as reflected power by the tuner.
>
> Chuck - N8DNX
>
> >> Hi Group,
> >>
> >> I have a Yaesu FT857D at 100 watts. I'm running it mobile with a
Z11proII tuner. My antenna is a Chameleon V2L which is similar to the
Hamstick. When I tune it on 17 meters I press the tune button and it
goes through its tune process and all is well. On three separate
occasions while in a middle of a QSO it drops out of tune and starts the
tuning process again in the middle of a conversation. Very annoying!
Any thoughts on why it does not hold a tune? All grounded well, coax is
good, constant power. I don't have the tuner grounded, and I've been
thinking about that as a possibility.
> >>
> >> Thanks, Joel K6OJN
> >>
>

[Non-text portions of this message have been removed]

5345. Re: Short antenna

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-04-05 12:59:28 UTC
From: vk2dmh
Topic: 4395 Message: 5345

Hi Paul,

I just joined the group and was wondering myself about being able to use the Z-817 to match an end-fed halfwave on 40 and 80. So I saw your unanswered question.

Mate, for 80m you are going to need a much longer antenna OR a fair bit of added inductance. Just make a coil yourself out of copper wire and try a few values until it works.

Adding a 4:1 balun will just make the impedance a but easier to match. It won't help the thing get closer to resonance on 80m.

Anyhow, that is my 2 cents worth, (less inflation and plus sales tax).

73 de David, vk2dmh
in Sydney Australia

--- In LDG-auto-tuners@yahoogroups.com, "W3FIS" <deadgoose@...> wrote:
>
> Due to deed restrictions, I'm stuck with a short end-fed "stealth" antenna about 15' long. With the Z-817, I can easily tune 40 meters up, but with the Z-817, cannot get a match on 80 meters. With my MFJ-902 "Travel Tuner," which is a "T" design, and clearly has more range, I can tune the antenna on 80 meters.
>
> My perception is that the Z-817 doesn't throw enough inductance into the antenna to bring the resonance frequency down.
>
> Would a 1:4 balun do the trick? LDG lists one (I do not need something for out-of-doors) that would would be fine.
>
> What is the wisdom of the group?
>
> BTW, the Z-817 nicely tunes this "short" wire on 6 meters.. New fields to explore on WSPRnet.
>
> 73 /paul W3FIS
>

5346. ldg z100 Plus to a long wire antenna

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-04-06 02:37:22 UTC
From: mcyman
Topic: 5346 Message: 5346

Hello all , first post here.
I just received a z100 plus, and live in antenna restricted area.
I would like to use a long wire , probably can manage about 30 ft or so into an old oak tree nearby.

I was wondering if any one has had a similar antenna, and how it worked?
I think i can mange about 30 ft in height like a sloper.

I be-leave a 4:1 balun will be necessary but not sure.

If so I will be looking for one.
thanks rob n8rt

5347. Re: [LDG-auto-tuners] ldg z100 Plus to a long wire antenna

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-04-06 22:36:48 UTC
From: Dan Thayer
Topic: 5346 Message: 5347

I ran a 66 ft long wire with decent results. Coax feed to LDG 4:1 balun. Since I was on 2nd floor,with balun attached to window trim, a direct ground was not practical. Instead, I attached a 1/4 wave counter poise for each band I wanted to work. I had an initial problem with RF getting back to the tuner. This was solved by making a multi turn choke with the coax, close to the tuner. Get the wire as high and far away from the counter poises as possible.

Dan Thayer

On Apr 5, 2012, at 22:37, "mcyman" <mcyman@yahoo.com> wrote:

> Hello all , first post here.
> I just received a z100 plus, and live in antenna restricted area.
> I would like to use a long wire , probably can manage about 30 ft or so into an old oak tree nearby.
>
> I was wondering if any one has had a similar antenna, and how it worked?
> I think i can mange about 30 ft in height like a sloper.
>
> I be-leave a 4:1 balun will be necessary but not sure.
>
> If so I will be looking for one.
> thanks rob n8rt
>
>

[Non-text portions of this message have been removed]

5348. Re: free balun

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-04-07 09:42:46 UTC
From: pe1kel
Topic: 5265 Message: 5348

--- In LDG-auto-tuners@yahoogroups.com, "mattm02" <mattm02@...> wrote:
>
> if you check the LDG web sight there is a offer of a free balun,
> is there a uk agent address for claiming this balun or does it have to be sent to the usa?
> i have tried the address given on the web page only to have my letter returned to me by the post office marked incompleat address
>

Hello, Matt.

Today I received a parcel from LDG with the free balun.
I didn't expect such a quick reply from LDG.
My free Balun rebate form was sent 3 weeks ago.
Now I have a new playing tool to spend my time :-)

So, the address of LDG in the USA which Joe mentioned is correct.

By the way, I want to thank LDG for the free balun I received.
Thanks.

Adriaan, PE1KEL.

5349. RE: [LDG- AT-200PRO

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-04-07 12:08:25 UTC
From: michael hardy
Topic: 5346 Message: 5349

Hi all, use the above atu love it on my icom 7000 but would like to put it on my kenwood ts480hx

Where can i get the atu lead from so the radio powers up the atu ?

Mike M1KEY

[Non-text portions of this message have been removed]

5350. Re: [LDG-auto-tuners] RE: [LDG- AT-200PRO

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-04-07 12:28:07 UTC
From: Leonard K. Pennock
Topic: 5346 Message: 5350

If it is anything like the TS@K you can use the AT300 connector. A
description of the pins is included in this manual.

www.ham-kits.com/KWTuner/KWT%20technical%20description.pdf

On 04/07/2012 05:08 AM, michael hardy wrote:
>
>
> Hi all, use the above atu love it on my icom 7000 but would like to put it on my kenwood
ts480hx
>
> Where can i get the atu lead from so the radio powers up the atu ?
>
> Mike M1KEY
>
>
>
> [Non-text portions of this message have been removed]
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>
> Yahoo! Groups Links
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--
Leonard K. Pennock
AD7AS

Those who walk bravely through life, unafraid of loss or failure,
find that they very rarely lose or fail.

5351. Re: [LDG-auto-tuners] RE: [LDG- AT-200PRO

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-04-07 12:35:53 UTC
From: Carol F. Milazzo, KP4MD/W6
Topic: 5346 Message: 5351

Page 16 of the LDG manual for the KT-100 tuner
http://www.ldgelectronics.com/assets/manuals/KT-100ManualRevB.pdf
shows the Kenwood antenna tuner jack pinout and lists the part number for
the matching plug so you can wire your own.

Carol KP4MD

On Sat, Apr 7, 2012 at 5:08 AM, michael hardy <m1key@talktalk.net> wrote:

> **
>
>
>
>
> Hi all, use the above atu love it on my icom 7000 but would like to put it
> on my kenwood ts480hx
>
> Where can i get the atu lead from so the radio powers up the atu ?
>
> Mike M1KEY
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

5352. Re: ldg z100 Plus to a long wire antenna

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-04-07 14:37:22 UTC
From: traburgess1945
Topic: 5346 Message: 5352

The Chameleon Hybrid plus that 30 foot wire works beautifully on 80-6 meters. It does require a tuner and is rated to 1,500 watts.

http://www.chameleonantenna.com/ChameleonHybridSerie/ChameleonHybridSerie.html

I wish I had stock in Chameleon. Just use there products and am very happy with them.

Travis
K5HTB

--- In LDG-auto-tuners@yahoogroups.com, "mcyman" <mcyman@...> wrote:
>
> Hello all , first post here.
> I just received a z100 plus, and live in antenna restricted area.
> I would like to use a long wire , probably can manage about 30 ft or so into an old oak tree nearby.
>
> I was wondering if any one has had a similar antenna, and how it worked?
> I think i can mange about 30 ft in height like a sloper.
>
> I be-leave a 4:1 balun will be necessary but not sure.
>
> If so I will be looking for one.
> thanks rob n8rt
>

5353. Re: ldg z100 Plus to a long wire antenna

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-04-07 18:00:03 UTC
From: mcyman
Topic: 5346 Message: 5353

Hello All,
Many thanks for all that posted information re an LDG Z100+ and a 30ft long wire.

After thinking about the 4:1 Balun, I realized that I will need a weatherproof unit, as I will use Coax out of the LDG tuner than the balun which will be located outside.
So dont think the LDG RBA 4:1 fit the my application, otherwise I would have to weatherproof the balun.

I did find a few outside 4:1 baluns on EBAY that I may bid on, but a local ham friend offered a 6:1 Balun, that I ma try first.

Anyone using a 6:1 balun and LDG tuner with a long wire?
thanks rob n8rt

PS That Chameleon, looks good , but is expensive! %250.00 bucks.

--- In LDG-auto-tuners@yahoogroups.com, "mcyman" <mcyman@...> wrote:
>
> Hello all , first post here.
> I just received a z100 plus, and live in antenna restricted area.
> I would like to use a long wire , probably can manage about 30 ft or so into an old oak tree nearby.
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> I was wondering if any one has had a similar antenna, and how it worked?
> I think i can mange about 30 ft in height like a sloper.
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> I be-leave a 4:1 balun will be necessary but not sure.
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> If so I will be looking for one.
> thanks rob n8rt
>

5354. Re: [LDG-auto-tuners] Re: ldg z100 Plus to a long wire antenna

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-04-07 21:11:43 UTC
From: Carol F. Milazzo, KP4MD/W6
Topic: 5346 Message: 5354

You should try winding your own 1:1 current balun, it's much cheaper and amazingly simple!
Here are pictures of homebrew baluns "currently" used (no pun intended) with my Z-11ProII tuner http://www.qsl.net/kp4md/zipcord.htm#balun
The references give a review of balun theory and applications.

Carol, KP4MD/W6

On Sat, Apr 7, 2012 at 11:00 AM, mcyman <mcyman@...> wrote:

> **
>
>
> Hello All,
> Many thanks for all that posted information re an LDG Z100+ and a 30ft
> long wire.
>
> After thinking about the 4:1 Balun, I realized that I will need a
> weatherproof unit, as I will use Coax out of the LDG tuner than the balun
> which will be located outside.
> So dont think the LDG RBA 4:1 fit the my application, otherwise I would
> have to weatherproof the balun.
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> I did find a few outside 4:1 baluns on EBAY that I may bid on, but a local
> ham friend offered a 6:1 Balun, that I ma try first.
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> Anyone using a 6:1 balun and LDG tuner with a long wire?
> thanks rob n8rt
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> PS That Chameleon, looks good , but is expensive! %250.00 bucks.
>
>
> --- In LDG-auto-tuners@yahoogroups.com, "mcyman" <mcyman@...> wrote:
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> > Hello all , first post here.
> > I just received a z100 plus, and live in antenna restricted area.
> > I would like to use a long wire , probably can manage about 30 ft or so
> into an old oak tree nearby.
> >
> > I was wondering if any one has had a similar antenna, and how it worked?
> > I think i can mange about 30 ft in height like a sloper.
> >
> > I be-leave a 4:1 balun will be necessary but not sure.
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> > If so I will be looking for one.
> > thanks rob n8rt

> >
>
>
>

[Non-text portions of this message have been removed]

5355. Re: [LDG-auto-tuners] Re: ldg z100 Plus to a long wire antenna

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-04-08 00:27:59 UTC
From: Dan Thayer
Topic: 5346 Message: 5355

The LDG baluns are not waterproof, but they seal up pretty tight. If you mount it inside a plastic food container with a snap on lid to keep the rain off, it will work well outdoors. I had one outside for an 18 month stretch and the only noted changes were some rust on the screws and bolts. Inside was nice and clean and dry.

Dan, W1CDT

On Apr 7, 2012, at 14:00, "mcyman" <mcyman@...> wrote:

> Hello All,
> Many thanks for all that posted information re an LDG Z100+ and a 30ft long wire.
>
> After thinking about the 4:1 Balun, I realized that I will need a weatherproof unit, as I will use Coax out of the LDG tuner than the balun which will be located outside.
> So dont think the LDG RBA 4:1 fit the my application, otherwise I would have to weatherproof the balun.
>
> I did find a few outside 4:1 baluns on EBAY that I may bid on, but a local ham friend offered a 6:1 Balun, that I ma try first.
>
> Anyone using a 6:1 balun and LDG tuner with a long wire?
> thanks rob n8rt
>
> PS That Chameleon, looks good , but is expensive! %250.00 bucks.
>
> --- In LDG-auto-tuners@yahoogroups.com, "mcyman" <mcyman@...> wrote:
> >
> > Hello all , first post here.
> > I just received a z100 plus, and live in antenna restricted area.
> > I would like to use a long wire , probably can manage about 30 ft or so into an old oak tree nearby.
> >
> > I was wondering if any one has had a similar antenna, and how it worked?
> > I think i can mange about 30 ft in height like a sloper.
> >
> > I be-leave a 4:1 balun will be necessary but not sure.
> >
> > If so I will be looking for one.
> > thanks rob n8rt
> >
>
>

[Non-text portions of this message have been removed]

5356. Re: IT-100 problem

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-04-09 13:54:01 UTC
From: wa4yiz
Topic: 5331 Message: 5356

update....
the good folks at LDG tested the IT-100...
spencer could not make it fail...
LDG sent me a new tuner in place of mine.
i tested it this weekend...
works like a champ...
no loss of rcv signal on any band...
many thanks to the great people at LDG
73s
jim crisco
wa4yiz

--- In LDG-auto-tuners@yahoogroups.com, "wa4yiz" <jcrisco@...> wrote:
>
> IT-100 problem.....
>
> works great on all bands except for 15M....
> when in line...will tune to a 1.5 to 1 or less..GREAT....
> BUT...attenuate's the rcv signal appx 5 S-units.....
> place in bypass mode...rcv signal comes up 5-units.....
>
> dwayne suggested trying different coax lengths...
> added 5/10/20 feet...
> no help...
>
> i swapped rig's...coax switch
> no joy...
>
> removed switch...ant direct to tuner...
> again no help..
>
> the AT-100 PRO II....
> works GREAT either rig...
> any configuration....
>
> SWR's..
> freq tuner in swr tuner bypassed swr
> 3.895 1.5 3.3
> 7.225 1.2 2
> 14.285 1.2 3.5
> 18.134 1.5 4
> 21.225 1.3 4
> 24.965 1.6 4
> 28.405 1.1 4
>

>
> layout....
>
> g5rv ant at 30 feet....30 ft ladder line to 70 ft coax...
> feeds a MFJ-1702C coax switch...
> port A....5 ft coax to IT-100 to a IC7000..pwr is a astron RS35
> port B....5 ft coax to AT-100 PRO II to a IC706...pwr is a samlex 1235
> common ground point tie's ALL to a 1/2 in solid copper ground rod with 3 ft of # 10
>
> sent the IT-100 back to LDG....
> Wayne is going to take a look...
>
> anyone had a problem simular ?
>
> 73s
>
> jim crisco
> wa4yiz
> jcrisco at aol dot com
>

5358. Re: [LDG-auto-tuners] Hey

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-04-10 04:55:24 UTC
From: Josh Mesilane
Topic: 5357 Message: 5358

Hi Norman,

I just received this email twice from you.

I suspect that you have a virus on your computer. Might be a good idea to run a virus scanner over your machine or get a local computer-shop to have a look.

Cheers,
Josh

On Tue, Apr 10, 2012 at 2:50 PM, norman jackson <jackson_norman@...m>wrote:

> **
>
>
>
> wow look into this http://www.anews15o.net/biz/?page=8527652
>
>

--
Callsign: VK3XJM
Website: http://zindello.chibiko.net/
Email: zindello@...
Phone: 0416 039 082

[Non-text portions of this message have been removed]

5359. Re: [LDG-auto-tuners] Re: ldg z100 Plus to a long wire antenna

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-04-12 23:03:23 UTC
From: Jim Lynch
Topic: 5346 Message: 5359

On 04/07/2012 08:27 PM, Dan Thayer wrote:
> The LDG baluns are not waterproof, but they seal up pretty tight. If you mount it inside a plastic food container with a snap on lid to keep the rain off, it will work well outdoors. I had one outside for an 18 month stretch and the only noted changes were some rust on the screws and bolts. Inside was nice and clean and dry.
>
> Dan, W1CDT
>
>
>
>

My LDG balun came with instructions on how to make it waterproof.

Jim.

5360. RT-11 Remote

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-04-18 17:28:41 UTC
From: morsenut
Topic: 3330 Message: 5360

Just wondering if anyone on the list has the original remote unit for the RT-11 that they would part with for a fair price.

I can build one - sure, but wanted to see if I could locate the original remote.

Contact me off the list at morsenut@....

Thanks and 73,

Tim
WU3U

5361. How To Build "To Go Box" w/Yaesu FT-857D using LDG YT-100(Love it)

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-04-21 19:42:29 UTC
From: n4ktz
Topic: 5361 Message: 5361

I had requests to show the front of my GO BOX (had back view but really not a good front view) and go over mounting procedure, equipment list and a few other important items.

If you want to watch entire completed video of "To Go Box", here is the link with entire video edited together!

http://www.youtube.com/watch?v=yPh2aGViiKY

if you already saw part 1, here is ONLY the additional information on how equipment was mounted, what kind of shelf works best, etc in part 2

http://www.youtube.com/watch?v=g0x-A929Kwk

Enjoy!

73's
Steven
K4ATZ

5362. Any Antenna Ideas for LDG Balun?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-04-26 22:48:47 UTC
From: n4ktz
Topic: 5362 Message: 5362

I just received the 1:1 LDG Balun. I would like some antenna ideas. I think a longwire will be the easiest to do however I could do a dipole. If anyone has experience with LDG baluns and has made antennas with them I would like to know what results you had.
Thank you,
73
Steven
K4ATZ

5363. Re: [LDG-auto-tuners] Any Antenna Ideas for LDG Balun?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-04-26 23:16:03 UTC
From: Joshua Mesilane
Topic: 5362 Message: 5363

Hi Steven,

I'm running a 46M doublet (151') fed with 30M of home brew open wire (although not really open, it's made from insulated wire) then into the LDG 1:1 balun and a 50cm RG-8 jumper to my AT-100 Pro 2.

It works quite well on all bands from 80 to 10 (including 30, 17 & 12) although it can get a little testy up the top end of 40m, it will tune and works quite well, even on bands where it's waaay too long (10m)

Cheers,
Josh

-
Callsign: VK3XJM
Website: http://zindello.chibiko.net/
Email: zindello@...
Phone: 0416 039 082

On 27/04/2012, at 8:48, "n4ktz" <n4ktz@...> wrote:

> I just received the 1:1 LDG Balun. I would like some antenna ideas. I think a longwire will be the easiest to do however I could do a dipole. If anyone has experience with LDG baluns and has made antennas with them I would like to know what results you had.
> Thank you,
> 73
> Steven
> K4ATZ
>
>

[Non-text portions of this message have been removed]

5364. Just got my YT-100, strange problem, reception better w/only center prong connec

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-04-27 00:27:03 UTC
From: n4ktz
Topic: 5364 Message: 5364

I have an 857, using a LDG YT-100 tuner and an end fed antenna. I am having a strange situation. Upon hooking up my end
fed antenna, I pick up stations but it seemed somewhat toned down not receiving good..stations and normal band static. I was messing around with the connectors and when I unscrewed my connector(PL 259) leaving only the center prong connected, it received much better. I cannot figure out why this is. Is this a problem with the tuner? Does anyone have an idea of why. Could it be a grounding problem? My SWR is very low. Upon asking the manufacture of the antenna, he said it was normal for the antenna to show a short when antenna side and ground side checked with VOM.
Any help would be appreciated.
73
Steven
K4ATZ

5365. Re: [LDG-auto-tuners] Just got my YT-100, strange problem, reception better w/only center prong connec

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-04-27 00:28:54 UTC
From: Josh Mesilane
Topic: 5364 Message: 5365

Hi,

We need a little more info.

What is the antenna you're using?
Is it a single band or multi band?
Do you know what type of matching network it's using?
What band are you seeing these results in?

Cheers,
Josh

On Fri, Apr 27, 2012 at 10:27 AM, n4ktz <n4ktz@...> wrote:

> **
>
>
> I have an 857, using a LDG YT-100 tuner and an end fed antenna. I am
> having a strange situation. Upon hooking up my end
> fed antenna, I pick up stations but it seemed somewhat toned down not
> receiving good..stations and normal band static. I was messing around with
> the connectors and when I unscrewed my connector(PL 259) leaving only the
> center prong connected, it received much better. I cannot figure out why
> this is. Is this a problem with the tuner? Does anyone have an idea of why.
> Could it be a grounding problem? My SWR is very low. Upon asking the
> manufacture of the antenna, he said it was normal for the antenna to show a
> short when antenna side and ground side checked with VOM.
> Any help would be appreciated.
> 73
> Steven
> K4ATZ
>
>
>

--
Callsign: VK3XJM
Website: http://zindello.chibiko.net/
Email: zindello@...
Phone: 0416 039 082

[Non-text portions of this message have been removed]

5366. Re: Just got my YT-100, strange problem, reception better w/only center prong connec

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-04-27 00:57:04 UTC
From: n4ktz
Topic: 5364 Message: 5366

I am using a multi band end fed. I am not sure of the matching system I just know it has a wire side and ground/counterpoise side. Upon VOM it is normal according to the manufacture to show a short. In fact they said if this antenna did not show a short(that is what I call it even though it it not really a short)there would be a problem. maybe that will help you determine what type of system it is. It does it on all bands and the tuner does tune the swr down on them all very low! I just cant hear anything much when antenna is connected all the way.
I appreciate your help and input.
Steven

--- In LDG-auto-tuners@yahoogroups.com, Josh Mesilane <zindello@...> wrote:
>
> Hi,
>
> We need a little more info.
>
> What is the antenna you're using?
> Is it a single band or multi band?
> Do you know what type of matching network it's using?
> What band are you seeing these results in?
>
> Cheers,
> Josh
>
>
> On Fri, Apr 27, 2012 at 10:27 AM, n4ktz <n4ktz@...> wrote:
>
> > **
> > >
> > >
> > > I have an 857, using a LDG YT-100 tuner and an end fed antenna. I am
> > > having a strange situation. Upon hooking up my end
> > > fed antenna, I pick up stations but it seemed somewhat toned down not
> > > receiving good..stations and normal band static. I was messing around with
> > > the connectors and when I unscrewed my connector(PL 259) leaving only the
> > > center prong connected, it received much better. I cannot figure out why
> > > this is. Is this a problem with the tuner? Does anyone have an idea of why.
> > > Could it be a grounding problem? My SWR is very low. Upon asking the
> > > manufacture of the antenna, he said it was normal for the antenna to show a
> > > short when antenna side and ground side checked with VOM.
> > > Any help would be appreciated.
> > > 73
> > > Steven
> > > K4ATZ

> >
> >
> >
>
>
>
> --
> Callsign: VK3XJM
> Website: http://zindello.chibiko.net/
> Email: zindello@...
> Phone: 0416 039 082
>
>
> [Non-text portions of this message have been removed]
>

5367. Re: Just got my YT-100, strange problem, reception better w/only center prong connec

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-04-27 00:58:40 UTC
From: n4ktz
Topic: 5364 Message: 5367

P.S. sometimes it does take a while for the tuner to tune down the SWR though, especially when going from band to band.

--- In LDG-auto-tuners@yahoogroups.com, "n4ktz" <n4ktz@...> wrote:
>
> I am using a multi band end fed. I am not sure of the matching system I just know it has a wire side and ground/counterpoise side. Upon VOM it is normal according to the manufacture to show a short. In fact they said if this antenna did not show a short(that is what I call it even though it it not really a short)there would be a problem. maybe that will help you determine what type of system it is. It does it on all bands and the tuner does tune the swr down on them all very low! I just cant hear anything much when antenna is connected all the way.
> I appreciate your help and input.
> Steven
>
> --- In LDG-auto-tuners@yahoogroups.com, Josh Mesilane <zindello@> wrote:
> >
> > Hi,
> >
> > We need a little more info.
> >
> > What is the antenna you're using?
> > Is it a single band or multi band?
> > Do you know what type of matching network it's using?
> > What band are you seeing these results in?
> >
> > Cheers,
> > Josh
> >
> >
> > On Fri, Apr 27, 2012 at 10:27 AM, n4ktz <n4ktz@> wrote:
> >
> > > **
> > >
> > >
> > > I have an 857, using a LDG YT-100 tuner and an end fed antenna. I am
> > > having a strange situation. Upon hooking up my end
> > > fed antenna, I pick up stations but it seemed somewhat toned down not
> > > receiving good..stations and normal band static. I was messing around with
> > > the connectors and when I unscrewed my connector(PL 259) leaving only the
> > > center prong connected, it received much better. I cannot figure out why
> > > this is. Is this a problem with the tuner? Does anyone have an idea of why.
> > > Could it be a grounding problem? My SWR is very low. Upon asking the
> > > manufacture of the antenna, he said it was normal for the antenna to show a

> > > short when antenna side and ground side checked with VOM.
> > > Any help would be appreciated.
> > > 73
> > > Steven
> > > K4ATZ
> > >
> > >
> > >
> >
> >
> >
> > --
> > Callsign: VK3XJM
> > Website: http://zindello.chibiko.net/
> > Email: zindello@
> > Phone: 0416 039 082
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

5368. Re: [LDG-auto-tuners] Re: Just got my YT-100, strange problem, reception better w/only center prong connec

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-04-27 01:04:48 UTC
From: Josh Mesilane
Topic: 5364 Message: 5368

Hi Steven,

As I said before:

What is the antenna you're using? (Brand, make, model) Can you provide a
link to it online so we can look at it?
What band are you seeing these results in?

What you are most likely seeing as a "Short" is actually a grounded
inductor as part of the antenna's matching network (Or part of an internal
balun in the antenna) but without knowing WHAT the antenna actually is it's
hard to offer help.

It's like saying "I've got a 4 door car and it's not starting" and the
mechanic says "Ok, so what kind of car is it" and the response is, "Well
it's a blue one and the manufacturer says it should work" ;)

Once we get some more info we should be able to help. How far is the
antenna located from your rig/tuner?

Cheers,
Josh

On Fri, Apr 27, 2012 at 10:57 AM, n4ktz <n4ktz@...> wrote:

> **
>
>
> I am using a multi band end fed. I am not sure of the matching system I
> just know it has a wire side and ground/counterpoise side. Upon VOM it is
> normal according to the manufacture to show a short. In fact they said if
> this antenna did not show a short(that is what I call it even though it it
> not really a short)there would be a problem. maybe that will help you
> determine what type of system it is. It does it on all bands and the tuner
> does tune the swr down on them all very low! I just cant hear anything much
> when antenna is connected all the way.
> I appreciate your help and input.
> Steven
>
>
> --- In LDG-auto-tuners@yahoogroups.com, Josh Mesilane <zindello@...>
> wrote:
> >
> > Hi,
> >

> > We need a little more info.
> >
> > What is the antenna you're using?
> > Is it a single band or multi band?
> > Do you know what type of matching network it's using?
> > What band are you seeing these results in?
> >
> > Cheers,
> > Josh
> >
> >
> > On Fri, Apr 27, 2012 at 10:27 AM, n4ktz <n4ktz@...> wrote:
> >
> > > **
>
> > >
> > >
> > > I have an 857, using a LDG YT-100 tuner and an end fed antenna. I am
> > > having a strange situation. Upon hooking up my end
> > > fed antenna, I pick up stations but it seemed somewhat toned down not
> > > receiving good..stations and normal band static. I was messing around
> with
> > > the connectors and when I unscrewed my connector(PL 259) leaving only
> the
> > > center prong connected, it received much better. I cannot figure out
> why
> > > this is. Is this a problem with the tuner? Does anyone have an idea of
> why.
> > > Could it be a grounding problem? My SWR is very low. Upon asking the
> > > manufacture of the antenna, he said it was normal for the antenna to
> show a
> > > short when antenna side and ground side checked with VOM.
> > > Any help would be appreciated.
> > > 73
> > > Steven
> > > K4ATZ
> > >
> > >
> > >
> >
> >
> >
> > --
> > Callsign: VK3XJM
> > Website: http://zindello.chibiko.net/
> > Email: zindello@...
> > Phone: 0416 039 082
> >
> >
> > [Non-text portions of this message have been removed]

> >
>
>
>

--
Callsign: VK3XJM
Website: http://zindello.chibiko.net/
Email: zindello@...
Phone: 0416 039 082

[Non-text portions of this message have been removed]

5369. Re: [LDG-auto-tuners] Just got my YT-100, strange problem, reception better w/only center prong connec

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-04-27 01:24:03 UTC
From: Bill Aycock
Topic: 5364 Message: 5369

Steven--
You really have not given enough to allow help. What make is the antenna? How long is the "Long Wire"? How is it coupled to the tuner? Have you measured any of the characteristics of the antenna? How far is it to "ground"?
Bill--W4BSG

----- Original Message -----
From: "n4ktz" <n4ktz@...>
To: <LDG-auto-tuners@yahoogroups.com>
Sent: Thursday, April 26, 2012 7:27 PM
Subject: [LDG-auto-tuners] Just got my YT-100, strange problem, reception better w/only center prong connec

>I have an 857, using a LDG YT-100 tuner and an end fed antenna. I am having
>a strange situation. Upon hooking up my end
> fed antenna, I pick up stations but it seemed somewhat toned down not
> receiving good..stations and normal band static. I was messing around with
> the connectors and when I unscrewed my connector(PL 259) leaving only the
> center prong connected, it received much better. I cannot figure out why
> this is. Is this a problem with the tuner? Does anyone have an idea of
> why. Could it be a grounding problem? My SWR is very low. Upon asking the
> manufacture of the antenna, he said it was normal for the antenna to show
> a short when antenna side and ground side checked with VOM.
> Any help would be appreciated.
> 73
> Steven
> K4ATZ
>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

5370. Re: How To Build "To Go Box" w/Yaesu FT-857D using LDG YT-100(Love it)

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-04-28 14:03:46 UTC
From: n4ktz
Topic: 5361 Message: 5370

Go Box is great for emergency communications...I have had many Emergency Coordinators emailing me wanting a list of items in my Go Box and links to where I got them. If you would like this list, just email me at n4ktz@comcast.net and I will be happy to forward you the list.
73
Steven
K4ATZ

--- In LDG-auto-tuners@yahoogroups.com, "n4ktz" <n4ktz@...> wrote:
>
> I had requests to show the front of my GO BOX (had back view but really not a good front view) and go over mounting procedure, equipment list and a few other important items.
>
> If you want to watch entire completed video of "To Go Box", here is the link with entire video edited together!
>
> http://www.youtube.com/watch?v=yPh2aGViiKY
>
> if you already saw part 1, here is ONLY the additional information on how equipment was mounted, what kind of shelf works best, etc in part 2
>
> http://www.youtube.com/watch?v=g0x-A929Kwk
>
> Enjoy!
>
> 73's
> Steven
> K4ATZ
>

5371. Question on posting

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-04-27 17:27:15 UTC
From: i4mfa
Topic: 5371 Message: 5371

Is it allowed to post here the selling of a LDG item?
Thank you, Marco i4mfa w4mfa

5372. Re: AT-11MP Upgrade

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-04-28 15:28:25 UTC
From: Ian Tooley
Topic: 853 Message: 5372

Hello all,

I have just unpacked my old AT11-MP that has been kept in the attic after the birth of our son some 10 years ago, now I have started to get the hobby back up and running. I see that there has been an upgrade to the chip to allow memories of LC settings, I have e-mailed LDG and W4RT to try and obtain the upgrade kit, but have been told it's no longer manufactured, but was told it's possible that some retailers might have old stock, is anyone aware of who might still hold stock.

73's to all

Ian
--- In LDG-auto-tuners@yahoogroups.com, "magnanbill" <bill@...> wrote:
>
> Bit of a long shot here, but I am looking for an AT-11MP upgrade kit (Ver 1.6). They are no longer made, if anyone has one they want to get rid of please contact me.
> Thanks
>

5373. Just bought an LDG Z-100Plus

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-04-28 22:34:20 UTC
From: vdospec
Topic: 5373 Message: 5373

And am having problems, I hooked it up correctly and I keep getting the Tuning LED Blinks 5 Times Error Code, which mean Tuning Cycle Failed no RF was Detected. what does no RF detected mean?, My radio did a QSO thing morning fine..with the tuner attached..

5374. Re: [LDG-auto-tuners] Just bought an LDG Z-100Plus

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-04-29 17:36:11 UTC
From: doug pfaff
Topic: 5373 Message: 5374

Did you set your radio up for 10 watts cw mode and key down till tuner finishes what radio are you using? did you read the LDG manual.
Also the lowest swr it goes to is 1.5:1

Doug ve5dcp

Doug Pfaff
doug.pfaff@...
----- Original Message -----
From: vdospec
To: LDG-auto-tuners@yahoogroups.com
Sent: Saturday, April 28, 2012 3:34 PM
Subject: [LDG-auto-tuners] Just bought an LDG Z-100Plus

And am having problems, I hooked it up correctly and I keep getting the Tuning LED Blinks 5 Times Error Code, which mean Tuning Cycle Failed no RF was Detected. what does no RF detected mean?, My radio did a QSO thing morning fine..with the tuner attached..

[Non-text portions of this message have been removed]

5375. N8RT Magic ham tree antenna

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-04-29 18:02:16 UTC
From: mcyman
Topic: 5375 Message: 5375

New photo here, try it if you have a restricted QTH

http://groups.yahoo.com/group/LDG-auto-tuners/photos/album/1805224518/pic/list

I am using a 857D, mostly running 100W but sometimes run with 10 Watts output.
My QTH is Port St Lucie ,FL With HOA Antenna restrictions.

My antenna wire is about 25 ft long

Just worked ZL2BX ,last night (4-28-2012 12:26 AM EDST) on 20 meters, 57/8
signal report.

CT1FFZ Portugal 59+ received 20 meters

Worked both Coasts of the USA 17 Meters

And many local stations on 40, I have not tried 80 meters yet, but I am sure I
will need to make the antenna wire much longer!

ROB N8RT

5376. Re: [LDG-auto-tuners] Just bought an LDG Z-100Plus

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-04-29 22:16:10 UTC
From: Michael Walker
Topic: 5373 Message: 5376

I am using a Brand New Alinco DX-SR8T...

I put it in CWL @ 7.2000and low power which is 10 watts and same thing..Red Tune Lights Blinks 5 times after i push the Tune Button, hold it till the Tune light goes out..as far as I read in the directions, then it Blinked the tune Light 5 times..which supposedly means NO RF Detected..

I did try AM mode at same freq and got a Steady SWR Light..and it tuned and wirred like it should making the adjustments whirring noises and wala Steady Green light.

On Sun, Apr 29, 2012 at 12:36 PM, doug pfaff <doug.pfaff@...> wrote:

> **
>
>
> Did you set your radio up for 10 watts cw mode and key down till tuner
> finishes what radio are you using? did you read the LDG manual.
> Also the lowest swr it goes to is 1.5:1
>
> Doug ve5dcp
>
> Doug Pfaff
> doug.pfaff@...
> ----- Original Message -----
> From: vdospec
> To: LDG-auto-tuners@yahoogroups.com
> Sent: Saturday, April 28, 2012 3:34 PM
> Subject: [LDG-auto-tuners] Just bought an LDG Z-100Plus
>
> And am having problems, I hooked it up correctly and I keep getting the
> Tuning LED Blinks 5 Times Error Code, which mean Tuning Cycle Failed no RF
> was Detected. what does no RF detected mean?, My radio did a QSO thing
> morning fine..with the tuner attached..
>
> [Non-text portions of this message have been removed]
>
>
>

--
Michael Walker

[Non-text portions of this message have been removed]

5377. Re: [LDG-auto-tuners] Just bought an LDG Z-100Plus

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-04-29 23:21:35 UTC
From: wb8nbi@suddenlink.net
Topic: 5373 Message: 5377

On most rigs you need to use a key in CW to key the rig. I don't know that rig you have but you can use AM and maybe RTTY. What you got in AM is what you should get.

DE Jimmy (WB8NBI)
-----Original Message-----
From: Michael Walker
Sent: Sunday, April 29, 2012 6:16 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] Just bought an LDG Z-100Plus

I am using a Brand New Alinco DX-SR8T...

I put it in CWL @ 7.2000and low power which is 10 watts and same thing..Red Tune Lights Blinks 5 times after i push the Tune Button, hold it till the Tune light goes out..as far as I read in the directions, then it Blinked the tune Light 5 times..which supposedly means NO RF Detected..

I did try AM mode at same freq and got a Steady SWR Light..and it tuned and wirred like it should making the adjustments whirring noises and wala Steady Green light.

On Sun, Apr 29, 2012 at 12:36 PM, doug pfaff <doug.pfaff@...> wrote:

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> Did you set your radio up for 10 watts cw mode and key down till tuner
> finishes what radio are you using? did you read the LDG manual.
> Also the lowest swr it goes to is 1.5:1
>
> Doug ve5dcp
>
> Doug Pfaff
> doug.pfaff@...
> ----- Original Message -----
> From: vdospec
> To: LDG-auto-tuners@yahoogroups.com
> Sent: Saturday, April 28, 2012 3:34 PM
> Subject: [LDG-auto-tuners] Just bought an LDG Z-100Plus
>
> And am having problems, I hooked it up correctly and I keep getting the
> Tuning LED Blinks 5 Times Error Code, which mean Tuning Cycle Failed no RF
> was Detected. what does no RF detected mean?, My radio did a QSO thing
> morning fine..with the tuner attached..
>

> [Non-text portions of this message have been removed]
>
>
>

--
Michael Walker

[Non-text portions of this message have been removed]

Yahoo! Groups Links

5378. Re: [LDG-auto-tuners] Just bought an LDG Z-100Plus

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-04-29 23:31:46 UTC
From: Michael Walker
Topic: 5373 Message: 5378

Ok so maybe it, The Alinco DXSR8T is my Rig needed to be in AM mode, there is no mention what mode to use the Z-100 Plus in, not in the manual..
On Apr 29, 2012 6:21 PM, <wb8nbi@...> wrote:

> **
>
>
> On most rigs you need to use a key in CW to key the rig. I don't know that
> rig you have but you can use AM and maybe RTTY. What you got in AM is what
> you should get.
>
> DE Jimmy (WB8NBI)
> -----Original Message-----
> From: Michael Walker
> Sent: Sunday, April 29, 2012 6:16 PM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: Re: [LDG-auto-tuners] Just bought an LDG Z-100Plus
>
> I am using a Brand New Alinco DX-SR8T...
>
> I put it in CWL @ 7.2000and low power which is 10 watts and same thing..Red
> Tune Lights Blinks 5 times after i push the Tune Button, hold it till the
> Tune light goes out..as far as I read in the directions, then it Blinked
> the tune Light 5 times..which supposedly means NO RF Detected..
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> I did try AM mode at same freq and got a Steady SWR Light..and it tuned and
> wirred like it should making the adjustments whirring noises and wala
> Steady Green light.
>
> On Sun, Apr 29, 2012 at 12:36 PM, doug pfaff <doug.pfaff@...>
> wrote:
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> > **
> > >
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> > Did you set your radio up for 10 watts cw mode and key down till tuner
> > finishes what radio are you using? did you read the LDG manual.
> > Also the lowest swr it goes to is 1.5:1
> > >
> > Doug ve5dcp
> > >
> > Doug Pfaff
> > doug.pfaff@...
> > ----- Original Message -----
> > From: vdospec

> > To: LDG-auto-tuners@yahoogroups.com
> > Sent: Saturday, April 28, 2012 3:34 PM
> > Subject: [LDG-auto-tuners] Just bought an LDG Z-100Plus
> >
> > And am having problems, I hooked it up correctly and I keep getting the
> > Tuning LED Blinks 5 Times Error Code, which mean Tuning Cycle Failed no
> RF
> > was Detected. what does no RF detected mean?, My radio did a QSO thing
> > morning fine..with the tuner attached..
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
>
> --
> Michael Walker
>
> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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[Non-text portions of this message have been removed]

5379. Re: [LDG-auto-tuners] Just bought an LDG Z-100Plus

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-04-30 16:35:12 UTC
From: Michael Walker
Topic: 5373 Message: 5379

It must be working as it went Full SWR light on my LDG Z-100plus as
according to their tech support you use either CW or AM mode, so I guess it
is working..you need to use a continuous carrier wave like AM or CW now
this was with the last resonate setting I had on it, same cable cept it has
a combiner in it, we had split the cable in 2.

Can I get away with getting a SWR Meter and making it a little it resonant
? last time i had a fancy analyzer which i no longer have now.

The new radio does not have a built in SWR meter..

On Sun, Apr 29, 2012 at 6:31 PM, Michael Walker <mikenbrenda@gmail.com>wrote:

> Ok so maybe it, The Alinco DXSR8T is my Rig needed to be in AM mode, there
> is no mention what mode to use the Z-100 Plus in, not in the manual..
> On Apr 29, 2012 6:21 PM, <wb8nbi@...> wrote:
>
>> **
>>
>>
>> On most rigs you need to use a key in CW to key the rig. I don't know
>> that
>> rig you have but you can use AM and maybe RTTY. What you got in AM is
>> what
>> you should get.
>>
>> DE Jimmy (WB8NBI)
>> -----Original Message-----
>> From: Michael Walker
>> Sent: Sunday, April 29, 2012 6:16 PM
>> To: LDG-auto-tuners@yahoogroups.com
>> Subject: Re: [LDG-auto-tuners] Just bought an LDG Z-100Plus
>>
>> I am using a Brand New Alinco DX-SR8T...
>>
>> I put it in CWL @ 7.2000and low power which is 10 watts and same
>> thing..Red
>> Tune Lights Blinks 5 times after i push the Tune Button, hold it till the
>> Tune light goes out..as far as I read in the directions, then it Blinked
>> the tune Light 5 times..which supposedly means NO RF Detected..
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>> I did try AM mode at same freq and got a Steady SWR Light..and it tuned
>> and
>> wirred like it should making the adjustments whirring noises and wala
>> Steady Green light.
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>> On Sun, Apr 29, 2012 at 12:36 PM, doug pfaff <doug.pfaff@...>
>> wrote:
>>
>> > **
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>> >
>> > Did you set your radio up for 10 watts cw mode and key down till tuner
>> > finishes what radio are you using? did you read the LDG manual.
>> > Also the lowest swr it goes to is 1.5:1
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>> > Doug ve5dcp
>> >
>> > Doug Pfaff
>> > doug.pfaff@...
>> > ----- Original Message -----
>> > From: vdospec
>> > To: LDG-auto-tuners@yahoogroups.com
>> > Sent: Saturday, April 28, 2012 3:34 PM
>> > Subject: [LDG-auto-tuners] Just bought an LDG Z-100Plus
>> >
>> > And am having problems, I hooked it up correctly and I keep getting the
>> > Tuning LED Blinks 5 Times Error Code, which mean Tuning Cycle Failed no
>> RF
>> > was Detected. what does no RF detected mean?, My radio did a QSO thing
>> > morning fine..with the tuner attached..
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>> > [Non-text portions of this message have been removed]
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>> --
>> Michael Walker
>>
>> [Non-text portions of this message have been removed]
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>> Yahoo! Groups Links
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Michael Walker

[Non-text portions of this message have been removed]

5380. Re: [LDG-auto-tuners] Just bought an LDG Z-100Plus

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-04-30 17:20:50 UTC
From: Joshua Mesilane
Topic: 5373 Message: 5380

You could place an SWR meter between the tuner and the radio yes.

-
Callsign: VK3XJM
Website: http://zindello.chibiko.net/
Email: zindello@...t
Phone: 0416 039 082

On 01/05/2012, at 2:35, Michael Walker <mikenbrenda@gmail.com> wrote:

> It must be working as it went Full SWR light on my LDG Z-100plus as
> according to their tech support you use either CW or AM mode, so I guess it
> is working..you need to use a continuous carrier wave like AM or CW now
> this was with the last resonate setting I had on it, same cable cept it has
> a combiner in it, we had split the cable in 2.
>
> Can I get away with getting a SWR Meter and making it a little it resonant
> ? last time i had a fancy analyzer which i no longer have now.
>
> The new radio does not have a built in SWR meter..
>
> On Sun, Apr 29, 2012 at 6:31 PM, Michael Walker <mikenbrenda@...>wrote:
>
>> Ok so maybe it, The Alinco DXSR8T is my Rig needed to be in AM mode, there
>> is no mention what mode to use the Z-100 Plus in, not in the manual..
>> On Apr 29, 2012 6:21 PM, <wb8nbi@...> wrote:
>>
>>> **
>>>
>>>
>>> On most rigs you need to use a key in CW to key the rig. I don't know
>>> that
>>> rig you have but you can use AM and maybe RTTY. What you got in AM is
>>> what
>>> you should get.
>>>
>>> DE Jimmy (WB8NBI)
>>> -----Original Message-----
>>> From: Michael Walker
>>> Sent: Sunday, April 29, 2012 6:16 PM
>>> To: LDG-auto-tuners@yahoogroups.com
>>> Subject: Re: [LDG-auto-tuners] Just bought an LDG Z-100Plus
>>>
>>> I am using a Brand New Alinco DX-SR8T...
>>>
>>> I put it in CWL @ 7.2000and low power which is 10 watts and same

>>> thing..Red
>>> Tune Lights Blinks 5 times after i push the Tune Button, hold it till the
>>> Tune light goes out..as far as I read in the directions, then it Blinked
>>> the tune Light 5 times..which supposedly means NO RF Detected..
>>>
>>> I did try AM mode at same freq and got a Steady SWR Light..and it tuned
>>> and
>>> wirred like it should making the adjustments whirring noises and wala
>>> Steady Green light.
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>>> On Sun, Apr 29, 2012 at 12:36 PM, doug pfaff <doug.pfaff@...>
>>> wrote:
>>>
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>>>> Did you set your radio up for 10 watts cw mode and key down till tuner
>>>> finishes what radio are you using? did you read the LDG manual.
>>>> Also the lowest swr it goes to is 1.5:1
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>>>> Doug ve5dcp
>>>>
>>>> Doug Pfaff
>>>> doug.pfaff@...
>>>> ----- Original Message -----
>>>> From: vdospec
>>>> To: LDG-auto-tuners@yahoogroups.com
>>>> Sent: Saturday, April 28, 2012 3:34 PM
>>>> Subject: [LDG-auto-tuners] Just bought an LDG Z-100Plus
>>>>
>>>> And am having problems, I hooked it up correctly and I keep getting the
>>>> Tuning LED Blinks 5 Times Error Code, which mean Tuning Cycle Failed no
>>> RF
>>>> was Detected. what does no RF detected mean?, My radio did a QSO thing
>>>> morning fine..with the tuner attached..
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>>>> [Non-text portions of this message have been removed]
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>>> --
>>> Michael Walker
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>>> [Non-text portions of this message have been removed]
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>>> Yahoo! Groups Links
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> Michael Walker
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> Yahoo! Groups Links
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5381. ldg 200 pro11

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-05-01 14:47:49 UTC
From: rogerramjet495
Topic: 5381 Message: 5381

does this atu have a reset sequence, I am sure i have seen it but dont know where

5382. AT 1000 pro II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-05-02 02:12:53 UTC
From: slaternorthp
Topic: 5382 Message: 5382

have just purchased a AT 1000 pro II and attempting to connect to a Kenwood TS2000 and Ameritron AL-811.

Currently do not have AL-811 connected or inline at this time until I get the bugs worked out of the Kenwood connection.

When set in the auto mode on the AT 1000 it will not tune my G5RV, no tuning cycle takes place. have attempted a manual tune as well with no success on the tune cycle operating.

am using 5 watts to attempt to tune/activate the tuner in the auto mode for tuner.

Do have a IT100 for my Icom 706 MKG II which works prefect on the G5RV.

anyone else have this tuner connected to a Kenwood?

5383. Re: [LDG-auto-tuners] AT 1000 pro II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-05-02 13:05:54 UTC
From: Michael Walker
Topic: 5382 Message: 5383

You need to autotune in AM Mode at like try 7.2 mhz

On Tue, May 1, 2012 at 9:12 PM, slaternorthp <slaternorthp@...>wrote:

> **
>
>
> have just purchased a AT 1000 pro II and attempting to connect to a
> Kenwood TS2000 and Ameritron AL-811.
>
> Currently do not have AL-811 connected or inline at this time until I get
> the bugs worked out of the Kenwood connection.
>
> When set in the auto mode on the AT 1000 it will not tune my G5RV, no
> tuning cycle takes place. have attempted a manual tune as well with no
> success on the tune cycle operating.
>
> am using 5 watts to attempt to tune/activate the tuner in the auto mode
> for tuner.
>
> Do have a IT100 for my Icom 706 MKG II which works prefect on the G5RV.
>
> anyone else have this tuner connected to a Kenwood?
>
>
>

--
Michael Walker

[Non-text portions of this message have been removed]

5384. Re: AT 1000 pro II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-05-02 20:58:35 UTC
From: Mike Lichtman
Topic: 5382 Message: 5384

I would bump it up to 10 watts and try again. Also double check the obvious ---- check the ant connections so you are chosing the right ant port and make sure the coax is hooked correctly. Tune in AM or CW modes, not SSB. If still having problems, call LDG, they are customer-friendly. 73 Mike KF6KXG

5385. Re: AT 1000 pro II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-05-03 02:05:50 UTC
From: slaternorthp
Topic: 5382 Message: 5385

Thanks Mike will give this a try tonight along with Micheal's suggestion to see if I can get it going. KL1AZ John

--- In LDG-auto-tuners@yahoogroups.com, Mike Lichtman <TchrMe@...> wrote:
>
> I would bump it up to 10 watts and try again. Also double check the
> obvious ---- check the ant connections so you are chosing the right
> ant port and make sure the coax is hooked correctly. Tune in AM or CW
> modes, not SSB. If still having problems, call LDG, they are customer-
> friendly. 73 Mike KF6KXG
>

5386. Re: AT 1000 pro II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-05-03 02:07:34 UTC
From: slaternorthp
Topic: 5382 Message: 5386

Thank Michael will give this a try along with Mike's suggesting tonight. KL1AZ John.

--- In LDG-auto-tuners@yahoogroups.com, Michael Walker <mikenbrenda@...> wrote:
>
> You need to autotune in AM Mode at like try 7.2 mhz
>
> On Tue, May 1, 2012 at 9:12 PM, slaternorthp <slaternorthp@...>wrote:
>
> > **
> > >
> > >
> > > have just purchased a AT 1000 pro II and attempting to connect to a
> > > Kenwood TS2000 and Ameritron AL-811.
> > >
> > > Currently do not have AL-811 connected or inline at this time until I get
> > > the bugs worked out of the Kenwood connection.
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> > > When set in the auto mode on the AT 1000 it will not tune my G5RV, no
> > > tuning cycle takes place. have attempted a manual tune as well with no
> > > success on the tune cycle operating.
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> > > for tuner.
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> > > Do have a IT100 for my Icom 706 MKG II which works prefect on the G5RV.
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> > > anyone else have this tuner connected to a Kenwood?
> > >
> > >
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> >
> >
> > --
> > Michael Walker
> >
> >
> > [Non-text portions of this message have been removed]
> >

5387. Z100 interface to Yaesu FT-450

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-05-03 09:31:29 UTC
From: haydude1111
Topic: 5387 Message: 5387

I have an LDG Z100 Tuner that I would like to interface with my FT-450.

I found the following schema on the ham forums, but no confirmation that it would work.

Here's the pinouts for the Tuner jack on the FT-450D and the Icom Tuner Connector:

FT-450D Tuner Jack Icom Tuner Connector

Pin 1 +13.8 V Out Pin 1 (Key)
Pin 2 TX Gnd Out Pin 2 (Start)
Pin 3 Gnd Pin 3 (+13.8V)
Pin 4 RXD Pin 4 (Ground)
Pin 5 TXD
Pin 6 Tuner Sense
Pin 7 Reset Out
Pin 8 TX INH In

Looking at the pinout for the LDG Icom interface, it appears the pinout connections would be as follows

FT-450D Tuner Jack Molex (Icom) Interface

Pin 1 +13.8V Pin 3 (+13.8V)
Pin 2 Tx Gnd Out n/c
Pin 3 Gnd Pin 4 (Ground)
Pin 4 RXD Pin 2 (Start)
Pin 5 TXD Pin 1 (Key)
Pin 6 Tuner Sense Pin 4 (Ground)
Pin 7 Reset Out n/c
Pin 8 TX Inh In n/c

Please could anyone help?
Thank you in advance.

5388. Re: [LDG-auto-tuners] Z100 interface to Yaesu FT-450

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-05-03 17:06:53 UTC
From: Leonard K. Pennock
Topic: 5387 Message: 5388

Don't think it will work. From what I understand pin 4/5 are an actual
serial data bus and won't do what you are trying. You are better off
using the linear jack and use the TX REQ In line to have the Z100 start
a tune cycle.

On 05/03/2012 02:31 AM, haydude1111 wrote:
> I have an LDG Z100 Tuner that I would like to interface with my FT-450.
>
> I found the following schema on the ham forums, but no confirmation that it would work.
>
> Here's the pinouts for the Tuner jack on the FT-450D and the Icom Tuner Connector:
>
> FT-450D Tuner Jack Icom Tuner Connector
>
> Pin 1 +13.8 V Out Pin 1 (Key)
> Pin 2 TX Gnd Out Pin 2 (Start)
> Pin 3 Gnd Pin 3 (+13.8V)
> Pin 4 RXD Pin 4 (Ground)
> Pin 5 TXD
> Pin 6 Tuner Sense
> Pin 7 Reset Out
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> FT-450D Tuner Jack Molex (Icom) Interface
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> Pin 2 Tx Gnd Out n/c
> Pin 3 Gnd Pin 4 (Ground)
> Pin 4 RXD Pin 2 (Start)
> Pin 5 TXD Pin 1 (Key)
> Pin 6 Tuner Sense Pin 4 (Ground)
> Pin 7 Reset Out n/c
> Pin 8 TX Inh In n/c
>
> Please could anyone help?
> Thank you in advance.
>
>
>
>
>
> ------------------------------------

>
> Yahoo! Groups Links
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--
Leonard K. Pennock
AD7AS

Those who walk bravely through life, unafraid of loss or failure,
find that they very rarely lose or fail.

5389. Re: Z100 interface to Yaesu FT-450

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-05-03 18:23:40 UTC
From: Dwayne
Topic: 5387 Message: 5389

Heydude,

I think it can be done, just not on that port. If you look at the LDG IC-2000 interface cable, it connects the tip from the tuner to the TX REQ through a 680 ohm resistor. This works on the FT-2000 radio that has an RCA jack for TX REQ.

If you look at the linear port on the 450 and 950, it has the same TX REQ on pin 10 and should work the same way. However, it looks like Yaesu has a typo in some 450D manuals that show pin 10 as "TX REG".

We have not tested it, but it's on our list of things to do next week.

Be sure to sign your posts with name and callsign.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "haydude1111" <xy12@...> wrote:
>
> I have an LDG Z100 Tuner that I would like to interface with my FT-450.
>
> I found the following schema on the ham forums, but no confirmation that it would work.
>
> Here's the pinouts for the Tuner jack on the FT-450D and the Icom Tuner Connector:
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> Looking at the pinout for the LDG Icom interface, it appears the pinout
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> FT-450D Tuner Jack Molex (Icom) Interface
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> Pin 1 +13.8V Pin 3 (+13.8V)
> Pin 2 Tx Gnd Out n/c
> Pin 3 Gnd Pin 4 (Ground)
> Pin 4 RXD Pin 2 (Start)
> Pin 5 TXD Pin 1 (Key)

> Pin 6 Tuner Sense Pin 4 (Ground)
> Pin 7 Reset Out n/c
> Pin 8 TX Inh In n/c
>
> Please could anyone help?
> Thank you in advance.
>

5390. Re: [LDG-auto-tuners] Re: Z100 interface to Yaesu FT-450

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-05-04 00:34:51 UTC
From: Michael Walker
Topic: 5387 Message: 5390

Is the Alinco DX-SR8T on your list?
On May 3, 2012 1:24 PM, "Dwayne" <ldgyahoo@...> wrote:

> **
>
>
> Heydude,
>
> I think it can be done, just not on that port. If you look at the LDG
> IC-2000 interface cable, it connects the tip from the tuner to the TX REQ
> through a 680 ohm resistor. This works on the FT-2000 radio that has an RCA
> jack for TX REQ.
>
> If you look at the linear port on the 450 and 950, it has the same TX REQ
> on pin 10 and should work the same way. However, it looks like Yaesu has a
> typo in some 450D manuals that show pin 10 as "TX REG".
>
> We have not tested it, but it's on our list of things to do next week.
>
> Be sure to sign your posts with name and callsign.
>
> Dwayne Kincaid
> LDG
>
> --- In LDG-auto-tuners@yahoogroups.com, "haydude1111" <xy12@...> wrote:
> >
> > I have an LDG Z100 Tuner that I would like to interface with my FT-450.
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> > I found the following schema on the ham forums, but no confirmation that
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> > Here's the pinouts for the Tuner jack on the FT-450D and the Icom Tuner
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> > FT-450D Tuner Jack Icom Tuner Connector
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> > Pin 5 TXD
> > Pin 6 Tuner Sense
> > Pin 7 Reset Out
> > Pin 8 TX INH In
> >

> > Looking at the pinout for the LDG Icom interface, it appears the pinout
> > connections would be as follows
> >
> > FT-450D Tuner Jack Molex (Icom) Interface
> >
> > Pin 1 +13.8V Pin 3 (+13.8V)
> > Pin 2 Tx Gnd Out n/c
> > Pin 3 Gnd Pin 4 (Ground)
> > Pin 4 RXD Pin 2 (Start)
> > Pin 5 TXD Pin 1 (Key)
> > Pin 6 Tuner Sense Pin 4 (Ground)
> > Pin 7 Reset Out n/c
> > Pin 8 TX Inh In n/c
> >
> > Please could anyone help?
> > Thank you in advance.
> >
>
>
>

[Non-text portions of this message have been removed]

5391. Re: Z100 interface to Yaesu FT-450

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-05-07 17:34:27 UTC
From: Dwayne
Topic: 5387 Message: 5391

Hello,

We have one of those radios, but have not put it on the list yet. We're about 99% sure it's a code change.

Right now, we recompensed using one of our generic tuners for the SR8T.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, Michael Walker <mikenbrenda@...> wrote:
>
> Is the Alinco DX-SR8T on your list?
> On May 3, 2012 1:24 PM, "Dwayne" <ldgyahoo@...> wrote:
>
> > **
> > >
> > >
> > > Heydude,
> > >
> > > I think it can be done, just not on that port. If you look at the LDG
> > > IC-2000 interface cable, it connects the tip from the tuner to the TX REQ
> > > through a 680 ohm resistor. This works on the FT-2000 radio that has an RCA
> > > jack for TX REQ.
> > >
> > > If you look at the linear port on the 450 and 950, it has the same TX REQ
> > > on pin 10 and should work the same way. However, it looks like Yaesu has a
> > > typo in some 450D manuals that show pin 10 as "TX REG".
> > >
> > > We have not tested it, but it's on our list of things to do next week.
> > >
> > > Be sure to sign your posts with name and callsign.
> > >
> > > Dwayne Kincaid
> > > LDG
> > >
> > > --- In LDG-auto-tuners@yahoogroups.com, "haydude1111" <xy12@> wrote:
> > > >
> > > > I have an LDG Z100 Tuner that I would like to interface with my FT-450.
> > > >
> > > > I found the following schema on the ham forums, but no confirmation that
> > > it would work.
> > > >
> > > > Here's the pinouts for the Tuner jack on the FT-450D and the Icom Tuner
> > > Connector:
> > > >

> > > FT-450D Tuner Jack Icom Tuner Connector
> > >
> > > Pin 1 +13.8 V Out Pin 1 (Key)
> > > Pin 2 TX Gnd Out Pin 2 (Start)
> > > Pin 3 Gnd Pin 3 (+13.8V)
> > > Pin 4 RXD Pin 4 (Ground)
> > > Pin 5 TXD
> > > Pin 6 Tuner Sense
> > > Pin 7 Reset Out
> > > Pin 8 TX INH In
> > >
> > > Looking at the pinout for the LDG Icom interface, it appears the pinout
> > > connections would be as follows
> > >
> > > FT-450D Tuner Jack Molex (Icom) Interface
> > >
> > > Pin 1 +13.8V Pin 3 (+13.8V)
> > > Pin 2 Tx Gnd Out n/c
> > > Pin 3 Gnd Pin 4 (Ground)
> > > Pin 4 RXD Pin 2 (Start)
> > > Pin 5 TXD Pin 1 (Key)
> > > Pin 6 Tuner Sense Pin 4 (Ground)
> > > Pin 7 Reset Out n/c
> > > Pin 8 TX Inh In n/c
> > >
> > > Please could anyone help?
> > > Thank you in advance.
> > >
> >
> >
> >
>
>
> [Non-text portions of this message have been removed]
>

5392. Tuning a G5RV-JR with AT-200Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-05-06 02:53:42 UTC
From: carl.krauthauser
Topic: 5392 Message: 5392

I've recently setup a W8AMZ G5RV-JR up about 20ft. The ladder line is attached to a homemade air coil balun (approximately 12 turns, 6" inner diameter) which is then attached to about 20 feet of RG-8 coax that then attaches to my AT-200Pro, which in turn is attached to my Yaesu FT-1000MP Mark V Field.

Un-tuned on 40-10 meters, I get a fair amout of background noise, ranging from S7 to S2, depending on the band (I live in a VERY noisy area). When I tune this setup with the AT-200Pro, the noise level drops down to S0, as do all signals. I find that to be rather peculiar, as when I had the same setup with a regular G5RV instead of the G5RV-JR, it would generally be the reverse situation. The regular G5RV is no longer up, as the trees I used for stringing it are no longer in existence.

It's almost like the autotuner is tuning to the level of a dummy load, for there is about the same level of reception as my dummy load. Might there be a problem with the autotuner? Or might there be something more elementary?

Thank you in advance for any and all insights!

73 de Carl, NT3H

5393. Re: [LDG-auto-tuners] Re: Z100 interface to Yaesu FT-450

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-05-07 18:41:10 UTC
From: Michael Walker
Topic: 5387 Message: 5393

What I do not get is that the EXD-2 will work with Alinco Radios...even the DX-SR8T even if it did have a code change, so how could that be..if your interface cable works on the other Alinco Radios.. lets say they made a code change, how come the EDX-2 still works then? makes no sense actually to me..

On Mon, May 7, 2012 at 12:34 PM, Dwayne <ldgyahoo@...> wrote:

> **
>
>
> Hello,
>
> We have one of those radios, but have not put it on the list yet. We're
> about 99% sure it's a code change.
>
> Right now, we recompensed using one of our generic tuners for the SR8T.
>
> Dwayne Kincaid
> LDG
>
>
> --- In LDG-auto-tuners@yahoogroups.com, Michael Walker <mikenbrenda@...>
> wrote:
> >
> > Is the Alinco DX-SR8T on your list?
> > On May 3, 2012 1:24 PM, "Dwayne" <ldgyahoo@...> wrote:
> >
> > > **
>
> > >
> > >
> > > Heydude,
> > >
> > > I think it can be done, just not on that port. If you look at the LDG
> > > IC-2000 interface cable, it connects the tip from the tuner to the TX
> REQ
> > > through a 680 ohm resistor. This works on the FT-2000 radio that has
> an RCA
> > > jack for TX REQ.
> > >
> > > If you look at the linear port on the 450 and 950, it has the same TX
> REQ
> > > on pin 10 and should work the same way. However, it looks like Yaesu
> has a

> > > typo in some 450D manuals that show pin 10 as "TX REG".
> > >
> > > We have not tested it, but it's on our list of things to do next week.
> > >
> > > Be sure to sign your posts with name and callsign.
> > >
> > > Dwayne Kincaid
> > > LDG
> > >
> > > --- In LDG-auto-tuners@yahoogroups.com, "haydude1111" <xy12@> wrote:
> > > >
> > > > I have an LDG Z100 Tuner that I would like to interface with my
> FT-450.
> > > >
> > > > I found the following schema on the ham forums, but no confirmation
> that
> > > it would work.
> > > >
> > > > Here's the pinouts for the Tuner jack on the FT-450D and the Icom
> Tuner
> > > Connector:
> > > >
> > > > FT-450D Tuner Jack Icom Tuner Connector
> > > >
> > > > Pin 1 +13.8 V Out Pin 1 (Key)
> > > > Pin 2 TX Gnd Out Pin 2 (Start)
> > > > Pin 3 Gnd Pin 3 (+13.8V)
> > > > Pin 4 RXD Pin 4 (Ground)
> > > > Pin 5 TXD
> > > > Pin 6 Tuner Sense
> > > > Pin 7 Reset Out
> > > > Pin 8 TX INH In
> > > >
> > > > Looking at the pinout for the LDG Icom interface, it appears the
> pinout
> > > > connections would be as follows
> > > >
> > > > FT-450D Tuner Jack Molex (Icom) Interface
> > > >
> > > > Pin 1 +13.8V Pin 3 (+13.8V)
> > > > Pin 2 Tx Gnd Out n/c
> > > > Pin 3 Gnd Pin 4 (Ground)
> > > > Pin 4 RXD Pin 2 (Start)
> > > > Pin 5 TXD Pin 1 (Key)
> > > > Pin 6 Tuner Sense Pin 4 (Ground)
> > > > Pin 7 Reset Out n/c
> > > > Pin 8 TX Inh In n/c
> > > >
> > > > Please could anyone help?
> > > > Thank you in advance.

> > > >
> > >
> > >
> > >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
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>

--
Michael Walker

[Non-text portions of this message have been removed]

5395. AT 1000 pro II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-05-07 19:03:52 UTC
From: Jim Lynch
Topic: 5382 Message: 5395

I recently acquired this tuner. I read in the manual that when you power down the tuner (with the power button) it is supposed to go into bypass mode. It appears that this tuner is disconnecting the antenna in power down mode. If I have it on and place it in bypass mode, then the rig works great on a resonant antenna but if I power it off, the receiver goes dead and the swr goes wacky.

Is there something I need to do to fix this? It has worked this way from the first day I turned it on.

Thanks,
Jim.

5396. Re: [LDG-auto-tuners] AT 1000 pro II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-05-08 02:40:38 UTC
From: Just A Computer
Topic: 5382 Message: 5396

I have the at1000 pro not the 2 , and I think if you use antenna 2 on the tuner it will be fine unless your using both connectors

Sent from my iPad

On May 7, 2012, at 3:03 PM, Jim Lynch <k4gvo@...> wrote:

> I recently acquired this tuner. I read in the manual that when you
> power down the tuner (with the power button) it is supposed to go into
> bypass mode. It appears that this tuner is disconnecting the antenna in
> power down mode. If I have it on and place it in bypass mode, then the
> rig works great on a resonant antenna but if I power it off, the
> receiver goes dead and the swr goes wacky.
>
> Is there something I need to do to fix this? It has worked this way from
> the first day I turned it on.
>
> Thanks,
> Jim.
>
>
>
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>

[Non-text portions of this message have been removed]

5397. YT 100 trouble

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-05-08 12:17:31 UTC
From: BJN644
Topic: 5397 Message: 5397

Hello all,
Purchased a used YT 100 at a hamfest to use on my FT857D. I have connected the tuner and radio together and made menu changes, 4800 baud rate, CAT selected, as shown on the YouTube instructional video. I push the tune button on the tuner and nothing happens, no light, no noise, nothing. I have tried 2 different coax jumpers, checked each terminal of the mini-din cable with an ohm meter .Anything to check before I write this off as another reason to not buy used gear at a hamfest?

Thanks

5398. Re: [LDG-auto-tuners] YT 100 trouble

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-05-08 12:31:58 UTC
From: Joshua Mesilane
Topic: 5397 Message: 5398

Is the 12v line of your radio working? I presume the tuner is powered from the radio

-
Callsign: VK3XJM
Website: http://zindello.chibiko.net/
Email: zindello@...
Phone: 0416 039 082

On 08/05/2012, at 22:17, "BJN644" <bartnewhouse@...> wrote:

> Hello all,
> Purchased a used YT 100 at a hamfest to use on my FT857D. I have connected the tuner and radio together and made menu changes, 4800 baud rate, CAT selected, as shown on the YouTube instructional video. I push the tune button on the tuner and nothing happens, no light, no noise, nothing. I have tried 2 different coax jumpers, checked each terminal of the mini-din cable with an ohm meter .Anything to check before I write this off as another reason to not buy used gear at a hamfest?
>
> Thanks
>
>

[Non-text portions of this message have been removed]

5399. Re: [LDG-auto-tuners] YT 100 trouble

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-05-08 14:10:08 UTC
From: wb8nbi@suddenlink.net
Topic: 5397 Message: 5399

Check and make sure that the menu is set correctly for the tuner. It’s menu 20 I believe that it should be set to CAT. and menu 19 to 4800. double check this you must hold the function key for over a second to set any changes.

DE Jimmy (WB8NBI)

From: Joshua Mesilane
Sent: Tuesday, May 08, 2012 8:31 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] YT 100 trouble

Is the 12v line of your radio working? I presume the tuner is powered from the radio

-
Callsign: VK3XJM
Website: http://zindello.chibiko.net/
Email: mailto:zindello%40chibiko.net
Phone: 0416 039 082

On 08/05/2012, at 22:17, "BJN644" <mailto:bartnewhouse%40gmail.com> wrote:

> Hello all,
> Purchased a used YT 100 at a hamfest to use on my FT857D. I have connected the tuner and radio together and made menu changes, 4800 baud rate, CAT selected, as shown on the YouTube instructional video. I push the tune button on the tuner and nothing happens, no light, no noise, nothing. I have tried 2 different coax jumpers, checked each terminal of the mini-din cable with an ohm meter .Anything to check before I write this off as another reason to not buy used gear at a hamfest?
>
> Thanks
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

5400. Re: [LDG-auto-tuners] AT 1000 pro II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-05-11 16:41:58 UTC
From: Jim Lynch
Topic: 5382 Message: 5400

On 05/07/2012 10:40 PM, Just A Computer wrote:
> I have the at1000 pro not the 2 , and I think if you use antenna 2 on the tuner it will be fine unless your using both connectors
>
> Sent from my iPad
>
> On May 7, 2012, at 3:03 PM, Jim Lynch<k4gvo@...> wrote:
>
>> I recently acquired this tuner. I read in the manual that when you
>> power down the tuner (with the power button) it is supposed to go into
>> bypass mode. It appears that this tuner is disconnecting the antenna in
>> power down mode. If I have it on and place it in bypass mode, then the
>> rig works great on a resonant antenna but if I power it off, the
>> receiver goes dead and the swr goes wacky.
>>
>> Is there something I need to do to fix this? It has worked this way from
>> the first day I turned it on.
>>
>> Thanks,
>> Jim.
>>
>>
>>
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>>
>>
>
Is that the final answer? Why on earth would they implement such a bizarre configuration?

Jim.

5401. Re: AT 1000 pro II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-05-12 14:17:56 UTC
From: Dwayne
Topic: 5382 Message: 5401

Hi Jim,

We had to pick one antenna port or the other to be the default. The relays used are non-latching, so when the DC power is off, it's designed for the signal to go straight through.

As the other person said, if you move your default antenna to the other antenna port, it will work fine with when the DC is off.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, Jim Lynch <k4gvo@...> wrote:
>
> On 05/07/2012 10:40 PM, Just A Computer wrote:
> > I have the at1000 pro not the 2 , and I think if you use antenna 2 on the tuner it will be fine unless your using both connectors
> >
> > Sent from my iPad
> >
> > On May 7, 2012, at 3:03 PM, Jim Lynch<k4gvo@...> wrote:
> >
> >> I recently acquired this tuner. I read in the manual that when you
> >> power down the tuner (with the power button) it is supposed to go into
> >> bypass mode. It appears that this tuner is disconnecting the antenna in
> >> power down mode. If I have it on and place it in bypass mode, then the
> >> rig works great on a resonant antenna but if I power it off, the
> >> receiver goes dead and the swr goes wacky.
> >>
> >> Is there something I need to do to fix this? It has worked this way from
> >> the first day I turned it on.
> >>

> >
> Is that the final answer? Why on earth would they implement such a
> bizarre configuration?
>
> Jim.
>

5402. RE: [LDG-auto-tuners] AT 1000 pro II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-05-11 21:54:08 UTC
From: John Deithloff
Topic: 5382 Message: 5402

Hi Bill,
Did you get your ant. worked out OK?
JD

From: LDG-auto-tuners@yahoogroups.com
[mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Jim Lynch
Sent: Friday, May 11, 2012 11:42 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] AT 1000 pro II

On 05/07/2012 10:40 PM, Just A Computer wrote:
> I have the at1000 pro not the 2 , and I think if you use antenna 2 on the
tuner it will be fine unless your using both connectors
>
> Sent from my iPad
>
> On May 7, 2012, at 3:03 PM, Jim Lynch<k4gvo@...
<mailto:k4gvo%40mindspring.com> > wrote:
>
>> I recently acquired this tuner. I read in the manual that when you
>> power down the tuner (with the power button) it is supposed to go into
>> bypass mode. It appears that this tuner is disconnecting the antenna in
>> power down mode. If I have it on and place it in bypass mode, then the
>> rig works great on a resonant antenna but if I power it off, the
>> receiver goes dead and the swr goes wacky.
>>
>> Is there something I need to do to fix this? It has worked this way from
>> the first day I turned it on.
>>
>> Thanks,
>> Jim.
>>
>>
>>
>> TODAY(Beta) . Powered by Yahoo!
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>>
>>
>
Is that the final answer? Why on earth would they implement such a
bizarre configuration?

Jim.

[Non-text portions of this message have been removed]

5403. AT-1000 Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-05-14 23:53:13 UTC
From: VE3YF
Topic: 2477 Message: 5403

Hi:

Strange thing happened today, the tuner decided it could not find a match and flashed all the leds. I tried again and still will not find a match. This is working into a dummy load that is confirmed being good. I opened the case and nothing smells burnt and upon inspection with the old magnifying glass I se no burnt components. Reinserted the tuner inline and still the same problem. Just can't find a match with either a resonant antenna or dummy load. Couple things come to mind, either a problem with the unit has locked up somehow or a firmware fault. Is there a way to completely reset the unit.

73 De Mike
VE3YF

5404. RE: [LDG-auto-tuners] AT-1000 Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-05-15 02:27:51 UTC
From: Ken Bandy, KJ9B
Topic: 2477 Message: 5404

Hi Mike. I had something similar happen once when I was running a bit too much power through the unit. I had to remove the 12 V mains from the unit for a few seconds to get it to reset.

73,
Ken, KJ9B

-----Original Message-----
From: VE3YF [mailto:mike@...]
Sent: Monday, May 14, 2012 7:53 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] AT-1000 Pro

Hi:

Strange thing happened today, the tuner decided it could not find a match and flashed all the leds. I tried again and still will not find a match. This is working into a dummy load that is confirmed being good. I opened the case and nothing smells burnt and upon inspection with the old magnifying glass I se no burnt components. Reinserted the tuner inline and still the same problem. Just can't find a match with either a resonant antenna or dummy load. Couple things come to mind, either a problem with the unit has locked up somehow or a firmware fault. Is there a way to completely reset the unit.

73 De Mike
VE3YF

5405. LDG-1000pro for a remote base

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-05-14 01:40:08 UTC
From: va3mw
Topic: 5405 Message: 5405

I am looking for some details (from LDG?) on some of the logic available from the front panel for my remote base.

Essentially, I want to turn Auto on/off, tap into the Logic high for the Auto LED and possibly the antenna switch and that LED as well.

Is there someone from LDG on this forum (since they don't share schematics) that can help me out. Is there enough logic on the ribbon cable from the tuner to the front control panel?

Once I have all that, I can use my LP-Remote to control all the functions I might want to use.

I did search the forum, but I didn't turn up anything useful.

Feel free to email me personally.

Mike va3mw
va3mw@...

5406. Re: AT-1000 Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-05-15 23:24:02 UTC
From: Mike Lichtman
Topic: 2477 Message: 5406

Mike
Just to be careful, check the dc continuity of all the connecting coax before digging into the tuner. Also make sure the correct antenna is chosen on the xcvr. I once had a similar issue that turned out to be a coax fault. 73 Mike KF6KXG

5407. Re: AT-1000 Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-05-18 00:29:11 UTC
From: VE3YF
Topic: 2477 Message: 5407

Hi Mike:

Definately not the coax or wrong antenna as when the two coaxes are connected together I get perfect match on the beam. I also did check for continuity and all is fine with the coax etc. Thanks.

73 De Mike
VE3YF

--- In LDG-auto-tuners@yahoogroups.com, Mike Lichtman <TchrMe@...> wrote:
>
> Mike
> Just to be careful, check the dc continuity of all the connecting
> coax before digging into the tuner. Also make sure the correct antenna
> is chosen on the xcvr. I once had a similar issue that turned out to
> be a coax fault. 73 Mike KF6KXG
>

5408. Re: AT-1000 Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-05-18 00:31:44 UTC
From: VE3YF
Topic: 2477 Message: 5408

Ken:

Power has been off the tuner for days siting on the bench as still problem persists. I have gone over the board with a Magnifying glass and good light and I see nothing wrong. Oh well I might have to bite the bullet and send it back for LDG to have a look at it. Strange though....Tnx.

73 De Mike
VE3YF

--- In LDG-auto-tuners@yahoogroups.com, "Ken Bandy, KJ9B" <kj9b@...> wrote:
>
> Hi Mike. I had something similar happen once when I was running a bit too
> much power through the unit. I had to remove the 12 V mains from the unit
> for a few seconds to get it to reset.
>
> 73,
> Ken, KJ9B
>
> -----Original Message-----
> From: VE3YF [mailto:mike@...]
> Sent: Monday, May 14, 2012 7:53 PM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: [LDG-auto-tuners] AT-1000 Pro
>
> Hi:
>
> Strange thing happened today, the tuner decided it could not find a match
> and flashed all the leds. I tried again and still will not find a match.
> This is working into a dummy load that is confirmed being good. I opened the
> case and nothing smells burnt and upon inspection with the old magnifying
> glass I se no burnt components. Reinserted the tuner inline and still the
> same problem. Just can't find a match with either a resonant antenna or
> dummy load. Couple things come to mind, either a problem with the unit has
> locked up somehow or a firmware fault. Is there a way to completely reset
> the unit.
>
> 73 De Mike
> VE3YF
>

5409. Almost dead until tuned ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-05-20 17:13:25 UTC
From: Andrew O'Brien
Topic: 5409 Message: 5409

I am not sure if I changed a setting or not but lately I have been on 20M and the band seems almost dead, hardly any sign of signals in the digital portions I monitor. Then, if I issue a TX command and the LDG AT200 Pro briefly tunes, theTS-2000 and band is suddenly alive with loud signals when the AT200 switches back to RX.

Andy K3UK

5410. Re: [LDG-auto-tuners] Almost dead until tuned ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-05-20 17:39:02 UTC
From: Bill Aycock
Topic: 5409 Message: 5410

Sounds normal to me.
Bill--W4BSG

----- Original Message -----
From: "Andrew O'Brien" <k3ukandy@...>
To: <LDG-auto-tuners@yahoogroups.com>
Sent: Sunday, May 20, 2012 12:13 PM
Subject: [LDG-auto-tuners] Almost dead until tuned ?

>I am not sure if I changed a setting or not but lately I have been on
> 20M and the band seems almost dead, hardly any sign of signals in the
> digital portions I monitor. Then, if I issue a TX command and the LDG
> AT200 Pro briefly tunes, theTS-2000 and band is suddenly alive with
> loud signals when the AT200 switches back to RX.
>
> Andy K3UK
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

5411. Re: [LDG-auto-tuners] Almost dead until tuned ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-05-20 17:41:24 UTC
From: KK2DOG in NY
Topic: 5409 Message: 5411

If I have my tuner, say, set for 40-meters, I have to press the tune button to "touch it up" if I go to 20 meters as well. I think it's the nature of the beast.

KK2DOG
Owner/Admin
www.hamwave.com

From: Andrew O'Brien <k3ukandy@...>
To: LDG-auto-tuners@yahoogroups.com
Sent: Sunday, May 20, 2012 1:13 PM
Subject: [LDG-auto-tuners] Almost dead until tuned ?

I am not sure if I changed a setting or not but lately I have been on 20M and the band seems almost dead, hardly any sign of signals in the digital portions I monitor. Then, if I issue a TX command and the LDG AT200 Pro briefly tunes, theTS-2000 and band is suddenly alive with loud signals when the AT200 switches back to RX.

Andy K3UK

[Non-text portions of this message have been removed]

5412. Re: [LDG-auto-tuners] Almost dead until tuned ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-05-20 17:51:32 UTC
From: Sarge 43
Topic: 5409 Message: 5412

yeah, you have to tx to tell the tuner to tune the band up.

From: Andrew O'Brien <k3ukandy@...>
To: LDG-auto-tuners@yahoogroups.com
Sent: Sunday, May 20, 2012 12:13 PM
Subject: [LDG-auto-tuners] Almost dead until tuned ?

I am not sure if I changed a setting or not but lately I have been on 20M and the band seems almost dead, hardly any sign of signals in the digital portions I monitor. Then, if I issue a TX command and the LDG AT200 Pro briefly tunes, theTS-2000 and band is suddenly alive with loud signals when the AT200 switches back to RX.

Andy K3UK

Yahoo! Groups Links

[Non-text portions of this message have been removed]

5413. AT-600Pro + Kenwood TS-850

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-05-21 13:49:52 UTC
From: ei8kf
Topic: 5413 Message: 5413

Hi,

First post to the group!
I'm considering buying an LDG AT-600Pro autotuner to use with my Kenwood TS-850 and Ranger 811H amp. Anyone have any experience with the AT-600 in use with a TS-850? If so I'd like to hear your comments particularly if you experienced any issues. Do you need any kind of interface between rig and tuner or is it simply "plug 'n' play"??
Any comments welcome!

Cheers,
Andrew EI8KF

5414. Re: Almost dead until tuned ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-05-21 16:28:32 UTC
From: Mike Lichtman
Topic: 5409 Message: 5414

Andy,
This is normal as others have told you because the tuner tunes the antenna for both the transmitter and the receiver. With a better match, the receiver picks up more signals. While external tuners do this, I have read somewhere that the internal tuners on some rigs do not. They only tune for the transmitter. Another reason to use an external tuner. 73 Mike KF6KXG

5415. z-11 question

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-06-03 13:34:09 UTC
From: shfoster2001
Topic: 5415 Message: 5415

What is the difference between the z-11, and the z-11 pro2?
thanks

5416. Re: z-11 question

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-06-05 01:34:40 UTC
From: kb0naz
Topic: 5415 Message: 5416

pro2 will run on less voltage.??

Scott W0SGM

--- In LDG-auto-tuners@yahoogroups.com, "shfoster2001" <shfoster@...> wrote:
>
> What is the difference between the z-11, and the z-11 pro2?
> thanks
>

5417. Re: z-11 question

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-06-05 12:41:13 UTC
From: bsip_9
Topic: 5415 Message: 5417

There are no differences between the Z-11 and the Pro2 that a user would notice. LDG replaced my Z-11 (just out of warranty by the way) with a Pro2 and I saw no difference at all. The spec suggests that there are fewer memory slots but since there were several thousand to start with, who would notice!
Enjoy the Pro2, I certainly do!
73,
Wes
EA5/GW3RIH.

5418. at-897 tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-06-05 13:34:42 UTC
From: dmaley88
Topic: 5418 Message: 5418

I purchased an at-897 tuner along with the radio and hoping the group can help me:

1. Anyone know if its possible to have the tuner boot up in bypass mode? It appears to power up on what frequency was used last.

2. It only stores in memory perfect matches. Any way to get it to store the less than perfect matches?

Dave WA0ZZG

5419. AT-1000Pro How to change the forward power from 100 Watt to 1000 Watt peak

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-06-06 10:39:16 UTC
From: Stadler
Topic: 5419 Message: 5419

My English is not good enouph to find in the manual who to change to forward power.
Many thanks for some information
73
Gernot
DL3NCJ

5420. Re: at-897 tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-06-06 14:27:17 UTC
From: David Zahler
Topic: 5418 Message: 5420

In actuality the tuner does not "boot up"

The 897 tuner uses latching relays. Once a tune point is reached by pushing the button to unit turns off. By extension, if the tuner is in bypass, it stays in bypass.

In effect, it maintains its state regardless of whether the radio is on of off.

David, w2dz

--- In LDG-auto-tuners@yahoogroups.com, "dmaley88" <dgmaley@...> wrote:
>
> I purchased an at-897 tuner along with the radio and hoping the group can help me:
>
> 1. Anyone know if its possible to have the tuner boot up in bypass mode? It appears to power up on what frequency was used last.
>
> 2. It only stores in memory perfect matches. Any way to get it to store the less than perfect matches?
>
> Dave WA0ZZG
>

5421. Re: [LDG-auto-tuners] AT-1000Pro How to change the forward power from 100 Watt to 1000 Watt peak

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-06-06 15:51:18 UTC
From: Rick Johnson
Topic: 5419 Message: 5421

Gernot,

Use FUNC + L Up Will give 2 choices If meter goes to full scale is 100w
If only goes to 10 then it’s 1000w

73,
Rick W3BI

From: Stadler
Sent: Wednesday, June 06, 2012 6:39 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] AT-1000Pro How to change the forward power from 100 Watt to 1000 Watt peak

My English is not good enouph to find in the manual who to change to forward power.
Many thanks for some information
73
Gernot
DL3NCJ

[Non-text portions of this message have been removed]

5422. Re: at-897 tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-06-06 17:23:36 UTC
From: dmaley88
Topic: 5418 Message: 5422

Thank you David.
I forgot about it using latching relays.
I have an old ICOM marine tuner that came with an original M700. The radio got salt water in it but the tuner was perfect. It's also a switched 'L' network with one memory location. A set of DIP switches. The tuner reads the switches when powered up. I have it configured to have all relays off. All I have to do to force a bypass is cycle power to it. It always shows a proper load to the radio because of a resistor devider network used for matching. It's designed to be strapped to a mast and not very portable.

I guess the 897 tuner will always power up in bypass if the last thing I did was hit the bypass before powering down.

Dave....

--- In LDG-auto-tuners@yahoogroups.com, "David Zahler" <wa2lul@...> wrote:
>
> In actuality the tuner does not "boot up"
>
> The 897 tuner uses latching relays. Once a tune point is reached by pushing the button to unit turns off. By extension, if the tuner is in bypass, it stays in bypass.
>
> In effect, it maintains its state regardless of whether the radio is on of off.
>
> David, w2dz
>
> --- In LDG-auto-tuners@yahoogroups.com, "dmaley88" <dgmaley@> wrote:
> >
> > I purchased an at-897 tuner along with the radio and hoping the group can help me:
> >
> > 1. Anyone know if its possible to have the tuner boot up in bypass mode? It appears to power up on what frequency was used last.
> >
> > 2. It only stores in memory perfect matches. Any way to get it to store the less than perfect matches?
> >
> > Dave WA0ZZG
> >
>

5423. Re: [LDG-auto-tuners] AT-1000Pro How to change the forward power from 100 Watt to 1000 Watt peak

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-06-06 20:14:33 UTC
From: Stadler Gernot
Topic: 5419 Message: 5423

Thankyou Rick,

it[s running now!

73

Gernot Stadler
DL3NCJ DV3NCA
Dipl. Verwaltungswirt FH im Ruhestand
Weingartenstrasse 9
91477 Markt Bibart

Von: Rick Johnson <w3bi.rick@hotmail.com>
An: LDG-auto-tuners@yahoogroups.com
Gesendet: 16:51 Mittwoch, 6.Juni 2012
Betreff: Re: [LDG-auto-tuners] AT-1000Pro How to change the forward power from 100 Watt to 1000 Watt peak

Gernot,

Use FUNC + L Up Will give 2 choices If meter goes to full scale is 100w
If only goes to 10 then it’s 1000w

73,
Rick W3BI

From: Stadler
Sent: Wednesday, June 06, 2012 6:39 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] AT-1000Pro How to change the forward power from 100 Watt to 1000 Watt peak

My English is not good enouph to find in the manual who to change to forward power.
Many thanks for some information
73
Gernot
DL3NCJ

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

5424. LDG AT-100Pro11

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-06-13 16:12:03 UTC
From: John
Topic: 5424 Message: 5424

Hello All,

I have the above tuner, I use this tuner with the FT-897 radio using the "radio interface extender cable" as in the operations manual. I also have a FT-450 and was wondering if I could use the cable with this radio? Or is the cable only to be used on the FT-897 and FT-597 along with "Icom" radios?

Your thoughts please,

Kind Regards,

John G1YDQ.

5425. Re: [LDG-auto-tuners] LDG AT-100Pro11

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-06-13 23:32:31 UTC
From: Leonard K. Pennock
Topic: 5424 Message: 5425

The 857/897 cable will not work with the 450. The 450 has a 10pin din
jack that contains the fuctions provided on the ACC jack of the 857/897.
The 450 does not have the same 3.5mm stereo jack the ACC on the
857/897 uses.

On 06/13/2012 09:12 AM, John wrote:
> Hello All,
>
> I have the above tuner, I use this tuner with the FT-897 radio using the "radio interface extender cable" as in the operations manual. I also have a FT-450 and was wondering if I could use the cable with this radio? Or is the cable only to be used on the FT-897 and FT-597 along with "Icom" radios?
>
> Your thoughts please,
>
> Kind Regards,
>
> John G1YDQ.
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

--
Leonard K. Pennock
AD7AS

Those who walk bravely through life, unafraid of loss or failure,
find that they very rarely lose or fail.

5426. Re: [LDG-auto-tuners] LDG AT-100Pro11

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-06-14 07:22:58 UTC
From: John Carpenter
Topic: 5424 Message: 5426

Hello Leonard,

Thanks for the info, that's put that one to bed then.

Kind Regards,

John G1YDQ.

On 14 June 2012 00:32, Leonard K. Pennock <leonardpennock@...> wrote:

> **
>
>
> The 857/897 cable will not work with the 450. The 450 has a 10pin din
> jack that contains the fuctions provided on the ACC jack of the 857/897.
> The 450 does not have the same 3.5mm stereo jack the ACC on the
> 857/897 uses.
>
>
> On 06/13/2012 09:12 AM, John wrote:
> > Hello All,
> >
> > I have the above tuner, I use this tuner with the FT-897 radio using the
> > "radio interface extender cable" as in the operations manual. I also have a
> > FT-450 and was wondering if I could use the cable with this radio? Or is
> > the cable only to be used on the FT-897 and FT-597 along with "Icom" radios?
> >
> > Your thoughts please,
> >
> > Kind Regards,
> >
> > John G1YDQ.
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
> >
> >
>
> --
> Leonard K. Pennock
> AD7AS
>

> Those who walk bravely through life, unafraid of loss or failure,
> find that they very rarely lose or fail.
>
>
>

[Non-text portions of this message have been removed]

5427. Re: LDG AT-100Pro11

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-06-14 14:03:42 UTC
From: Mike Parker
Topic: 5424 Message: 5427

Hi John,

Probably teaching grandma to suck egg here, but of course the Z-11 is a fully auto tuner so you can just transmit a carrier by whatever means and it will tune anyway - regardless of an interface cable.

I have that tuner and can use with any radio with or without the cable (that just does the carrier bit on a button). When using the fully auto mode, its worth using a lower power carrier, AM mode is perfect for this. All modern Yaesu radios have an SWR roll-back but if you can tune at 5w instead of 100w, that's better.

73

Mike
M0SAZ

--- In LDG-auto-tuners@yahoogroups.com, John Carpenter <johncarpenterg1ydq@...> wrote:
>
> Hello Leonard,
>
> Thanks for the info, that's put that one to bed then.
>
> Kind Regards,
>
> John G1YDQ.

5428. Re: [LDG-auto-tuners] Re: LDG AT-100Pro11

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-06-14 18:40:28 UTC
From: John Carpenter
Topic: 5424 Message: 5428

Hello Mike,

Thanyou for the input, me being a mere "b class" licence holder and not having the knowledge of the "a class" people, I needed to ask the question. Only joking Mike, but tis nice to know there's help out there.

Kind Regards from a very wet and windy SE Cornwall,

John G1YDQ sysop GB3DQ.
On Jun 14, 2012 3:03 PM, "Mike Parker" <michael@...> wrote:

> **
>
>
> Hi John,
>
> Probably teaching grandma to suck egg here, but of course the Z-11 is a
> fully auto tuner so you can just transmit a carrier by whatever means and
> it will tune anyway - regardless of an interface cable.
>
> I have that tuner and can use with any radio with or without the cable
> (that just does the carrier bit on a button). When using the fully auto
> mode, its worth using a lower power carrier, AM mode is perfect for this.
> All modern Yaesu radios have an SWR roll-back but if you can tune at 5w
> instead of 100w, that's better.
>
> 73
>
> Mike
> M0SAZ
>
> --- In LDG-auto-tuners@yahoogroups.com, John Carpenter
> <johncarpenterg1ydq@...> wrote:
> >
> > Hello Leonard,
> >
> > Thanks for the info, that's put that one to bed then.
> >
> > Kind Regards,
> >
> > John G1YDQ.
>
>
>

[Non-text portions of this message have been removed]

5429. LDG 600 Pro info

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-06-16 00:17:08 UTC
From: mcyman
Topic: 5429 Message: 5429

LDG 600 Pro info ,
Hi all, just purchased a 600 pro auto tuner, and was having an issue with the 600 OFF position.

I had my antenna connected to the ANT 1 port, and when the tuner power was OFF, the tuner did not By pass to Ant 1?

I than connected my Antenna to Ant Port 2 and it worked.
My Transceiver was than connected to the antenna with the LDG600pro OFF!

I was wondering if this is normal? I did not find any info in the Owners manual.

Lastly I could not get the Bypass LED to work , and finally found the info on top of Page 16, when the tuner power is on, Pressing the TUNE button momentarily places the tuner in BYPASS. Maybe this info will help others.

thanks rob n8rt

5430. Re: [LDG-auto-tuners] LDG 600 Pro info

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-06-16 02:57:59 UTC
From: Jimmy (WB8NBI)
Topic: 5429 Message: 5430

Yes that is normal.

DE Jimmy (WB8NBI)

From: mcyman
Sent: Friday, June 15, 2012 8:17 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] LDG 600 Pro info

LDG 600 Pro info ,
Hi all, just purchased a 600 pro auto tuner, and was having an issue with the 600 OFF position.

I had my antenna connected to the ANT 1 port, and when the tuner power was OFF, the tuner did not By pass to Ant 1?

I than connected my Antenna to Ant Port 2 and it worked.
My Transceiver was than connected to the antenna with the LDG600pro OFF!

I was wondering if this is normal? I did not find any info in the Owners manual.

Lastly I could not get the Bypass LED to work , and finally found the info on top of Page 16, when the tuner power is on, Pressing the TUNE button momentarily places the tuner in BYPASS. Maybe this info will help others.

thanks rob n8rt

[Non-text portions of this message have been removed]

5431. ldg 600pro tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-06-16 12:23:52 UTC
From: mcyman
Topic: 5431 Message: 5431

Jimmy (WB8NBI),Thanks for the info, I found out that the LDG Tuners are made in Taiwan (surprise) ,didn't know that! Wish they were made in the USA instead!
I also think that LDG could do a better job with the owners manual, at best it is poorly organized and some features regarding to operation are missing!

rob m8rt

5432. Re: [LDG-auto-tuners] ldg 600pro tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-06-16 13:21:48 UTC
From: Jimmy (WB8NBI)
Topic: 5431 Message: 5432

Myself I have been very happy with my LDG tuners at this time I have a AT600Pro and a AT 200Pro II both work well for me. I have had several others AT-1000Pro, IT-100, AT200Pro, Z-817, and YT-100 all have worked very good for me.

DE Jimmy (WB8NBI)

From: mcyman
Sent: Saturday, June 16, 2012 8:23 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] ldg 600pro tuner

Jimmy (WB8NBI),Thanks for the info, I found out that the LDG Tuners are made in Taiwan (surprise) ,didn't know that! Wish they were made in the USA instead!
I also think that LDG could do a better job with the owners manual, at best it is poorly organized and some features regarding to operation are missing!

rob m8rt

[Non-text portions of this message have been removed]

5434. ic706 with LDG Pro 100 II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-06-17 13:52:21 UTC
From: kd4rfv
Topic: 5434 Message: 5434

Hi All, I have a Pro 100 II that I use with all my Icom radios. I have all three of the different 706s. Im using it right now on one if the original version of the 706. I have two of these and have tried it on both and both do the same thing. With the control cable hooked up the tune button on the front of the radio will not put the tuner in tune mode. I tried it with my mkII and MKIIG and it works with the button on the radio no problem. I also have the LDG AT11MP tuner and it works with the Tuner button on the radio on the original no problem. I must be missing something. Anyone have any ideas? Thanks Ricky KD4RFV.

5435. Tuner for IC-746 remote station

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-06-17 14:09:35 UTC
From: Joe
Topic: 5434 Message: 5435

Hello to All,

I'm looking for an auto-tuner solution for an internet accessed remote ham station for my club. The radio will be an Icom IC-746 connected to a multiband 80-10 vertical. I will be using Ham Radio Deluxe and Skype for remote control.

I would like to leave the tuner active at all times so wherever a user transmits it will automatically tune for minimum VSWR. The LDG tuners have memory available, but I do not know what frequency the users will be on in order to pretune it and memorize the settings.

Any ideas?

73, Joe, K1ike

5436. Re: [LDG-auto-tuners] Tuner for IC-746 remote station

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-06-17 14:54:58 UTC
From: N2CKH
Topic: 5434 Message: 5436

Hi Joe,

You would be best served by rolling your own software to intercept the remote user frequency entry and using an LDG AT-200PC until such time a replacement comes along with enough remote control support to handle such applications.

However, that being said, an AT-200PRO and later that you pre-tune in 50khz steps up front across all bands would be a fair approach.

The one issue that you are going to have is the last tune frequency when not in bypass if previously tuned within the low bands. Due to the tuners Hi-Q when tuned and not in bypass the lower in frequency, this presents an issue on RX within the low bands and above However if tuned on say 10 meters, the attenuation on RX will be minimal. Providing for RX BYPASS can be achieved by custom interfacing and software, the PRO series will exit BYPASS upon application of RF automatically.

Here my main station is remote just 100 feet up the hill from the house via a wireless bridge, the software that I author supports the AT-200PC with macro and on the fly use of any command (all LDG PRO series tuners as well as all transceiver internal ATU's via CAT are also supported) thus in both automated ALE operation when in manual control for various uses, I have full command and control of all station aspects that can be remote controlled and also I have visual awareness using USB port CCD camera's, which I highly recommend having in place for all remote controlled stations.

/s/ Steve, N2CKH

At 10:09 AM 6/17/2012, you wrote:
>
>
>Hello to All,
>
>I'm looking for an auto-tuner solution for an internet accessed remote
>ham station for my club. The radio will be an Icom IC-746 connected to
>a multiband 80-10 vertical. I will be using Ham Radio Deluxe and Skype
>for remote control.
>
>I would like to leave the tuner active at all times so wherever a user
>transmits it will automatically tune for minimum VSWR. The LDG tuners
>have memory available, but I do not know what frequency the users will
>be on in order to pretune it and memorize the settings.
>
>Any ideas?

>
>73, Joe, K1ike

5437. AT 1000 Pro II A/T - FB

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-06-23 02:33:16 UTC
From: w5xj2011
Topic: 5437 Message: 5437

Wow i just got the new model of the AT 1000 Pro II and it is even better than the older model i had before. I run the tuner with an Orion I and the no-tune TT Hercules II solid state 550 W linear. I don't miss the analog meter either. Many thanks to Dwayne at LDG for the assistance and for making such great products with FB service & support.

LDG is FB

73 & good DX de W5XJ in Dallas (EM12OU)

5438. Re: [LDG-auto-tuners] AT 1000 Pro II A/T - FB

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-06-23 02:44:10 UTC
From: Pete Theer
Topic: 5437 Message: 5438

I agree, Grant. Over the last 2 days I installed (with help because I'm in
a wheelchair) a ALS-600 Ameritron No-Tune Solid State Amp on an IC-7410
HF/50MHz rig and through an LDG AT1000 Pro II with the external M1000 Meter.
No trouble at all.

Pete
K5PRT
LSDXA also.

When the people fear their government, there is TYRANNY.
When the government fears the people, there is LIBERTY.
- Thomas Jefferson.

Pete Theer K5PRT
Kempner, Texas
ex: WA2YDG, WB5RPU
Reply to: K5PRT@...
or: K5PRT@...
Please visit my website: http://www.k5prt.com
Licensed since 1961
ARRL & AMSAT Life Member
10-10 Life Member #13678
FISTS# 13919, SKCC# 4695
NAQCC# 3129, SWOT #294

----- Original Message -----
From: "w5xj2011" <cole505@...>
To: <LDG-auto-tuners@yahoogroups.com>
Sent: Friday, June 22, 2012 9:33 PM
Subject: [LDG-auto-tuners] AT 1000 Pro II A/T - FB

> Wow i just got the new model of the AT 1000 Pro II and it is even better
> than the older model i had before. I run the tuner with an Orion I and the
> no-tune TT Hercules II solid state 550 W linear. I don't miss the analog
> meter either. Many thanks to Dwayne at LDG for the assistance and for
> making such great products with FB service & support.
>
> LDG is FB
>
> 73 & good DX de W5XJ in Dallas (EM12OU)
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links

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>
>

5439. LDG AT-200Pro II problem icom IC-7600

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-06-24 16:09:47 UTC
From: yv5of
Topic: 5439 Message: 5439

Hi groups,

week installing my new IC-7600 with my AT-200pro II (attach ICOM cable interfaces) but I have the problem that when I perform the tuning of the antenna (G5RV Jr), the tunner indicate error lost tunner RF. Test other automatic tunner same error.

My Yaesu FT- 950 working fine (No cable interfaces) with AT-200 Pro II and G5RV Jr antena.

What could be happening? Someone had this problem?

Thx - 73!

Severino - YV5OF.

5440. Quirky AT-897

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-06-24 20:10:11 UTC
From: n2csa
Topic: 5440 Message: 5440

My amateur radio club used my FT-897D and AT-897 with a full sized G5RV for field day. My AT-897 has a quirk. It will not tune the G5RV on 80 meters between 3.850 and 3.999. It tunes 80 meters below 3.850 and all the other bands just fine. On the affected frequencies the AT-897 relays do their clicking and eventually stop but the FT-897D continues to transmit. I have to power the FT-897D off and back on to get it back into receive mode. We tried varying the length of coax from G5RV to tuner to no avail.

Any ideas?

5441. Z-11Pro won't stay bypassed.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-06-25 09:25:49 UTC
From: Jim Lynch
Topic: 5441 Message: 5441

At field day we had multiple antennas we swapped from transmitter to transmitter. One of these was a 220' longwire with an SGC-230 antenna coupler. It worked great but when we connected it to one of the radios with a Z-11Pro tuner in bypass mode and tuned the radio to a frequency that the SGC had to tune, the Z-11 came out of bypass mode and started to try to tune the antenna at the same time the SGC was. I'm of the opinion that the Z-11 shouldn't do anything when it's in bypass mode. By bypass mode I mean pressing the tune momentarily and observing the lights flash 3 times.

Other than causing the 706 to key momentarily, it didn't cause any harm. The SGC did its thing and the Z-11 was happy, it was just very irritating to have the excess tuning and have the transmitter key up automatically.

Jim. de K4GVO

5442. Re: [LDG-auto-tuners] Z-11Pro won't stay bypassed.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-06-25 12:14:23 UTC
From: Leonard K. Pennock
Topic: 5441 Message: 5442

You didn't put the tuner in semi mode by just doing the quick press of the tune button. To keep it in bypass mode you also need to put it in semi mode where a press longer press of the tune button is required to do a tune cycle.

Leonard K. Pennock (AD7AS)

Jim Lynch <k4gvo@...> wrote:

At field day we had multiple antennas we swapped from transmitter to transmitter. One of these was a 220' longwire with an SGC-230 antenna coupler. It worked great but when we connected it to one of the radios with a Z-11Pro tuner in bypass mode and tuned the radio to a frequency that the SGC had to tune, the Z-11 came out of bypass mode and started to try to tune the antenna at the same time the SGC was. I'm of the opinion that the Z-11 shouldn't do anything when it's in bypass mode. By bypass mode I mean pressing the tune momentarily and observing the lights flash 3 times.

Other than causing the 706 to key momentarily, it didn't cause any harm. The SGC did its thing and the Z-11 was happy, it was just very irritating to have the excess tuning and have the transmitter key up automatically.

Jim. de K4GVO

Yahoo! Groups Links

[Non-text portions of this message have been removed]

5443. Re: [LDG-auto-tuners] Re: AT 1000 pro II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-06-25 12:26:17 UTC
From: doug pfaff
Topic: 5382 Message: 5443

Why would you run a KW on AM its such a waste of bandwidth . How many hams are on AM these days and is 6khz wide mode reduces number of users in comparison to ssb operation.

The use of fm and ssb makes better use of the spectrum

AM tends to splatter so bad if the amp is not properly set up and correct filtering exists. AM is an dinosaur mode from the 1960 ERA before the technical refinement(s) existed for ssb operation.

One would sincerely hope this is not a widespread practice in the hobby and hopefully the operators do know how to properly set up the older equipment.

Many new hams are strictly appliance operators according to today's license structures in most countries.

We have heard some poorly operated equipment consuming 25khz bandwidth and wiping out a large part of the spectrum in North America lately by some hams being very poor operators.

Doug ve5dcp

Doug Pfaff
doug.pfaff@...
----- Original Message -----
From: slaternorthp
To: LDG-auto-tuners@yahoogroups.com
Sent: Wednesday, May 02, 2012 7:07 PM
Subject: [LDG-auto-tuners] Re: AT 1000 pro II

Thank Michael will give this a try along with Mike's suggesting tonight. KL1AZ John.

--- In LDG-auto-tuners@yahoogroups.com, Michael Walker <mikenbrenda@...> wrote:
>
> You need to autotune in AM Mode at like try 7.2 mhz
>
> On Tue, May 1, 2012 at 9:12 PM, slaternorthp <slaternorthp@...>wrote:
>
> > **
> >
> >
> > have just purchased a AT 1000 pro II and attempting to connect to a
> > Kenwood TS2000 and Ameritron AL-811.
> >
> > Currently do not have AL-811 connected or inline at this time until I get
> > the bugs worked out of the Kenwood connection.
> >
> > When set in the auto mode on the AT 1000 it will not tune my G5RV, no
> > tuning cycle takes place. have attempted a manual tune as well with no

> > success on the tune cycle operating.
> >
> > am using 5 watts to attempt to tune/activate the tuner in the auto mode
> > for tuner.
> >
> > Do have a IT100 for my Icom 706 MKG II which works prefect on the G5RV.
> >
> > anyone else have this tuner connected to a Kenwood?
> >
> >
> >
>
>
>
> --
> Michael Walker
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

5444. Re: [LDG-auto-tuners] Re: IT100/Icom 7200 woes followup

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-06-25 12:30:59 UTC
From: doug pfaff
Topic: 5332 Message: 5444

Hi Jim

AM TRANSMISSION usually has 50% Carrier and 25%USB(UPPER SIDE BAND), 25%LSB(LOWER SIDE BAND),power split

SSB PUTS 100% POWER INTO EITHER LSB OR USB DEPENDING ON THE BAND WORKED MAKING BETTER USE OF BAND WIDTH AM WAS 6KHZ WIDE 3kc either side of the carrier.

LSB (7.0 AND BELOW) ABOVE 7.3 MHZ USB .BASED ON NORTH AMERICAN BAND PLAN FREQUENCY ALLOCATIONS

TODAYS SOLID STATE RIGS SELECT THE CORRECT SSB AUTOMATICALLY,older tube rigs you had to select manually

Doug ve5dcp

Doug Pfaff
doug.pfaff@...
----- Original Message -----
From: Jim
To: LDG-auto-tuners@yahoogroups.com
Sent: Monday, April 02, 2012 8:06 PM
Subject: [LDG-auto-tuners] Re: IT100/Icon 7200 woes follow-up

Well, therein might be my problem and I'll have to go back to the manual. I have been under the impression that the radio automatically scaled back power on each of those modes if the power was set to max, i.e., 100 W. If it doesn't, well, I need to manually control power out accordingly.

Thanks for that tip.

-- Jim

--- In LDG-auto-tuners@yahoogroups.com, "Bill Aycock" <billaycock@...> wrote:
>
> What power are you trying for RTTY and AM? Most modern Transceivers will not
> work constant power Modes, such as RTTY and AM, without problems.
> What you are seeing with RTTY and AM may be normal.
> Bill--W4BSG
>
> ----- Original Message -----
> From: "Jim" <n6med@...>
> To: <LDG-auto-tuners@yahoogroups.com>
> Sent: Monday, April 02, 2012 9:10 PM
> Subject: [LDG-auto-tuners] Re: IT100/Icom 7200 woes followup
>
>

> >I tried all the great suggestions including from LDG: I removed the SWR/Pwr
> >meter from the transmission line entirely, added several ferrites to the
> >tuner control cable and rechecked/retweaked my Buddipole. Configuration now
> >consists of radio-tuner-feedline-TRSB balun-antenna. Cured my problem for
> >SSB anyway. Can now transmit at 100W without the prob manifesting.
> >Howumsoever, in RTTY or AM modes (I've not attempted CW as I have no key
> >and CW will not key up via the PTT), pro is still there unless I back off
> >20-30W. Going to retry adding in the water pipe ground just to see what it
> >does ...
> > Argh!!!!
> >
> > -- Jim
> >
> > --- In LDG-auto-tuners@yahoogroups.com, "doug pfaff" <doug.pfaff@>
> > wrote:
> >>
> >> The other problem might be ground loop between gear usually caused by
> >> daisy chain ground method.
> >>
> >> The rf has no place to go that's why the single point ground
> >> system.(refer to page 7 note in the LDG manual it makes no mention of
> >> daisy chain grounding.
> >>
> >> My LDG works flawlessly on a single ground point
> >>
> >> Ask about the susceptibility of control wiring between tuner and radio
> >>
> >> Every ham shack is different
> >>
> >> Doug ve5dcp
> >>
> >> Doug Pfaff
> >> doug.pfaff@
> >> ----- Original Message -----
> >> From: Jim
> >> To: LDG-auto-tuners@yahoogroups.com
> >> Sent: Sunday, April 01, 2012 6:50 PM
> >> Subject: [LDG-auto-tuners] Re: IT100/Icom 7200 woes
> >>
> >>
> >>
> >>
> >> One puzzler about my tuner problem is that when I remove the tuner and
> >> go direct between the radio and the antenna (regardless whether my Daiwa
> >> meter is in line or not), the problem does not occur. So, tuner problem,
> >> like maybe it is radiating?
> >>
> >> -- Jim
> >>
> >>

> >>
> >>
> >>
> >> [Non-text portions of this message have been removed]
> >>
> >
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
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>

[Non-text portions of this message have been removed]

5445. Re: Quirky AT-897

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-06-25 12:58:48 UTC
From: dmaley88
Topic: 5440 Message: 5445

This sounds familiar.

Had a similar situation, but my 897d would just lock up and required a power cycle to get it running. I can tell you what I did to fix it. Problem is with the radio, not the tuner. I ended up using a six foot length of coax between them and rolling it up in a tight loop. This acts as a balun and keeps rf from feeding back on the shield.
Dave
WA0ZZG

--- In LDG-auto-tuners@yahoogroups.com, "n2csa" <bcole3@...> wrote:
>
> My amateur radio club used my FT-897D and AT-897 with a full sized G5RV for field day. My AT-897 has a quirk. It will not tune the G5RV on 80 meters between 3.850 and 3.999. It tunes 80 meters below 3.850 and all the other bands just fine. On the affected frequencies the AT-897 relays do their clicking and eventually stop but the FT-897D continues to transmit. I have to power the FT-897D off and back on to get it back into receive mode. We tried varying the length of coax from G5RV to tuner to no avail.
>
> Any ideas?
>

5446. Re: Quirky AT-897

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-06-25 17:09:32 UTC
From: Mike Lichtman
Topic: 5440 Message: 5446

N2CSA,
Do you use a balun or air choke with the G5RV? If not try it. It's a great ant but some of the ones now sold (like MFJ) do not come with a balun as the ant was originally designed to use. We used one at field day, but I wound an air choke and we had no problems. Basically just wind the coax where it connects to the ant into a coil about 6 or 8 turns, 6" diameter and zip tie them together. 73 Mike KF6KXG

5447. HELP with M1000 meter.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-06-26 02:55:51 UTC
From: Pete
Topic: 5447 Message: 5447

I purchased an AT-1000 Pro II and M1000 Meter from R&L Electronics in Ohio last week. To go with an Icom IC-7410 and Ameritron ALS-600 Solid State Amplifier. The meter was first taken out of the box yesterday. The tuner appears to function correctly, but the Meter appears to have a problem. When the needle is deflected and returns to 0, it goes beyond 0 and hits the "pin" where it sticks until the meter is gently slapped on top. This happens at 100 Watts or 600 Watts.

Any ideas?

Pete K5PRT
Central Texas

5448. What LDG tuner for IC-735?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-06-26 03:54:35 UTC
From: k4rjj@comcast.net
Topic: 5448 Message: 5448

What LDG tuner for IC-735? I looked at the site and could not see one that has a cable to plug directly to the 7 pin DIN.

Thanks!

K4RJJ

Ronny

[Non-text portions of this message have been removed]

5449. Re: [LDG-auto-tuners] What LDG tuner for IC-735?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-06-26 09:03:46 UTC
From: Jim Lynch
Topic: 5448 Message: 5449

On 06/25/2012 11:54 PM, k4rjj@... wrote:
> What LDG tuner for IC-735? I looked at the site and could not see one that has a cable
> to plug directly to the 7 pin DIN.
>
Personally I wouldn't worry about connecting the tuner to the 735. Just put a AT 200 Pro II tuner in line, set it to auto tune. Tune to the frequency you want to operate, switch to AM and press the mike button. It'll tune and that's that. Next time you are near that frequency the tuner will consult its memory and tune extremely quickly. Once you've used it for a while, you'll find it never needs tuning unless you change antennas. I have been known to turn my IC-730 down to 5 watts to avoid interference. Plug in a key, start at one end of the band and find a clear frequency, send your call and then hold the key down until it tunes, slide up (or down) 30 khz more or less and repeat. Do this for all the bands you operate on and from then on, the memory takes over and you don't have to do anything until you change antennas.

Jim.

5450. Re: [LDG-auto-tuners] What LDG tuner for IC-735?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-06-26 09:27:06 UTC
From: k4rjj@comcast.net
Topic: 5448 Message: 5450

I'll probaby do that. Thanks! My other question is if I'm handy with a soldering iron and have a 7 pin DIN connector will this tuner work with the IC-735? H as this cable been made/sold before?

----- Original Message -----
From: "Jim Lynch" <k4gvo@...>
To: LDG-auto-tuners@yahoogroups.com
Sent: Tuesday, June 26, 2012 5:03:46 AM
Subject: Re: [LDG-auto-tuners] What LDG tuner for IC-735?

On 06/25/2012 11:54 PM, k4rjj@... wrote:
> What LDG tuner for IC-735? I looked at the site and could not see one that has a cable
> to plug directly to the 7 pin DIN.
>
Personally I wouldn't worry about connecting the tuner to the 735. Just put a AT 200 Pro II tuner in line, set it to auto tune. Tune to the frequency you want to operate, switch to AM and press the mike button. It'll tune and that's that. Next time you are near that frequency the tuner will consult its memory and tune extremely quickly. Once you've used it for a while, you'll find it never needs tuning unless you change antennas. I have been known to turn my IC-730 down to 5 watts to avoid interference. Plug in a key, start at one end of the band and find a clear frequency, send your call and then hold the key down until it tunes, slide up (or down) 30 khz more or less and repeat. Do this for all the bands you operate on and from then on, the memory takes over and you don't have to do anything until you change antennas.

Jim.

[Non-text portions of this message have been removed]

5451. Re: HELP with M1000 meter.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-06-26 12:48:55 UTC
From: Mike Parker
Topic: 5447 Message: 5451

If after a tap it then goes back to 0 (i.e. isn't adjusted wrong), I would say it is a fault. Dwayne will probably confirm but if you speak to the dealer I am sure they would swap it out.

Mike
M0SAZ

--- In LDG-auto-tuners@yahoogroups.com, "Pete" <k5prt@...> wrote:
>
> I purchased an AT-1000 Pro II and M1000 Meter from R&L Electronics in Ohio last week. To go with an Icom IC-7410 and Ameritron ALS-600 Solid State Amplifier. The meter was first taken out of the box yesterday. The tuner appears to function correctly, but the Meter appears to have a problem. When the needle is deflected and returns to 0, it goes beyond 0 and hits the "pin" where it sticks until the meter is gently slapped on top. This happens at 100 Watts or 600 Watts.
>
> Any ideas?
>
> Pete K5PRT
> Central Texas
>

5452. Re: [LDG-auto-tuners] What LDG tuner for IC-735?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-06-26 15:43:22 UTC
From: doug pfaff
Topic: 5448 Message: 5452

Just make that simple phone call to LDG tech support folks so your not guessing.

I can't see them(LDG) listing every conceivable radio made(remember it might be 30 years back or longer) from all the manufacturers that have existed as maintaining a long list is very time consuming.

Making that phone call is a lot cheaper than blowing up your rig or new tuner

Use common sense and keep it clean and simple.

Doug ve5dcp

----- Original Message -----
From: k4rjj@...
To: LDG-auto-tuners@yahoogroups.com
Sent: Monday, June 25, 2012 9:54 PM
Subject: [LDG-auto-tuners] What LDG tuner for IC-735?

What LDG tuner for IC-735? I looked at the site and could not see one that has a cable to plug directly to the 7 pin DIN.

Thanks!

K4RJJ

Ronny

[Non-text portions of this message have been removed]

Doug Pfaff
doug.pfaff@...

[Non-text portions of this message have been removed]

5453. Re: [LDG-auto-tuners] What LDG tuner for IC-735?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-06-26 14:53:59 UTC
From: wa9dgm@aol.com
Topic: 5448 Message: 5453

Finds ah2 interface box that went btwn the 735 and ah2 tuner. 73john

On Jun 25, 2012, at 20:54, k4rjj@... wrote:

>
>
> What LDG tuner for IC-735? I looked at the site and could not see one that has a cable
> to plug directly to the 7 pin DIN.
>
> Thanks!
>
> K4RJJ
>
> Ronny
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

5454. Re: [LDG-auto-tuners] What LDG tuner for IC-735?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-06-26 23:33:28 UTC
From: k4rjj@comcast.net
Topic: 5448 Message: 5454

Thanks John.

----- Original Message -----
From: wa9dgm@...
To: LDG-auto-tuners@yahoogroups.com
Sent: Tuesday, June 26, 2012 10:53:59 AM
Subject: Re: [LDG-auto-tuners] What LDG tuner for IC-735?

Finds ah2 interface box that went btwn the 735 and ah2 tuner. 73john

On Jun 25, 2012, at 20:54, k4rjj@... wrote:

>
>
> What LDG tuner for IC-735? I looked at the site and could not see one that has a cable
> to plug directly to the 7 pin DIN.
>
> Thanks!
>
> K4RJJ
>
> Ronny
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

5455. Question about LDG Baluns

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-06-26 22:41:39 UTC
From: n8xxham
Topic: 5455 Message: 5455

Is the a place to ask a question about a defunct LDG Balun?

I have a LDG 4/1 balun which got "fried" during Field Day (We were running 100 watts to "probably" a very high impedance - but which a LDG autotuner would match. When I switched to 40 metres, it tuned up nicely at 10 watts, but went bonkers at 100 watts, with highly erratic SWR.

A minute or so later I noted that there was a dent in the case, and it was quite hot to the touch. Another op had a KW balun, which we put in place.

After opening the case, it looked like some (much?) of the enamel was off the magnet wire, and the smell was very similar to "fried magnet wire."

Does anyone know the proper specs for the core? I've the question to LDG Tech Service, but figure someone here might know.

BTW I have a replacement on order from Universal Radio. Should be here by this weekend. But I might as well rebuild the olde one for a spare

Thanks for the bandwidth.

73 de n8xx Hg

5456. Re: Question about LDG Baluns

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-06-27 16:16:50 UTC
From: Rex Simmons, NX8G
Topic: 5455 Message: 5456

I have an LDG 4:1 balun that is very similar to yours (fried) and a second one got very hot, both were running about 80 watts on RTTY. According to some knowledgeable sources these baluns are only good for about 50 watts although they say they are rated at 200 watts by the manufacturer. I solved my problem by replacing it with a 5KW balun.

73,

Rex, NX8G

[Non-text portions of this message have been removed]

5457. Re: Question about LDG Baluns

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-06-27 21:33:30 UTC
From: Dwayne
Topic: 5455 Message: 5457

Hi Rex,

You are correct, in RTTY mode, LDG baluns would have a rating of about 50 watts. We rate them at 200 watts PEP.

However, I did notice that we did not have the "PEP" listed on our web site, so we've added that to the specs.

Thanks for the feedback,

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "Rex Simmons, NX8G" <nx8g.01@...> wrote:
>
> I have an LDG 4:1 balun that is very similar to yours (fried) and a second
> one got very hot, both were running about 80 watts on RTTY. According to
> some knowledgeable sources these baluns are only good for about 50 watts
> although they say they are rated at 200 watts by the manufacturer. I solved
> my problem by replacing it with a 5KW balun.
>
> 73,
>
> Rex, NX8G
>
>
> [Non-text portions of this message have been removed]
>

5458. Re: Question about LDG Baluns

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-06-28 12:36:16 UTC
From: Cortland Richmond
Topic: 5455 Message: 5458

Dwayne,

We were using a friends 4:1 LDG Balun at the W8M CW position for Field Day and suffered first intermittent, then permanent, mismatch with the Z-11Pro. The Balun case was starting to melt with 100 Watts of RF and repeated CQ's . He's already contacted you and I suspect he'll rewind it with a larger core.

I substituted a Palomar HB6 and normal tuner operation was restored .

However, it appears that these (as you say) 50W continuous-rating Baluns are may not be well suited for use after LDG's otherwise excellent tuners, which when matching a high SWR load can subject a following Balun to more stress than a matched load on its balanced terminals would, as that has the effect of reducing the RF they can safely handle. Sevick has something to say about tuner Baluns and it appears he is right. FWIW, even a 1:1 LDG Balun warmed up perceptibly there, which is when I got out the big guy.

By the way, I'm not knocking LDG Baluns in particular. I've seen someone else's 2.4 inch diameter 1:1 get hot at 100 W with a inappropriate load.

As Robby says: Danger Will Robinson!

Cortland
KA5S

On Wed Jun 27, 2012 2:33 pm ((PDT)) "Dwayne" ldgyahoo@...
ldgelectronics wrote:
> Hi Rex,
>
> You are correct, in RTTY mode, LDG baluns would have a rating of about 50 watts. We rate them at 200 watts PEP.
>
> However, I did notice that we did not have the "PEP" listed on our web site, so we've added that to the specs.
>
> Thanks for the feedback,
>
> Dwayne Kincaid
> LDG

5459. Supplied cables with Z11 ProII

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-06-28 02:00:15 UTC
From: Mike
Topic: 5459 Message: 5459

Are ICOM and coax jumper cables supposed to be supplied with the Z11?
The Rev B manual says "supplied".
Didn't get any in the one I got from GigaParts today.
Mike WA8EBM

5460. Re: Quirky AT-897

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-06-28 12:19:50 UTC
From: n2csa
Topic: 5440 Message: 5460

--- In LDG-auto-tuners@yahoogroups.com, "n2csa" <bcole3@...> wrote:
>
> My amateur radio club used my FT-897D and AT-897 with a full sized G5RV for field day. My AT-897 has a quirk. It will not tune the G5RV on 80 meters between 3.850 and 3.999. It tunes 80 meters below 3.850 and all the other bands just fine. On the affected frequencies the AT-897 relays do their clicking and eventually stop but the FT-897D continues to transmit. I have to power the FT-897D off and back on to get it back into receive mode. We tried varying the length of coax from G5RV to tuner to no avail.
>
> Any ideas?
>

Thanks to all who replied. You were both on the right track. I posed the problem to LDG and they recommended putting rf chokes on the cables connecting the tuner and radio.

5461. Re: [LDG-auto-tuners] Re: Quirky AT-897

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-06-28 15:25:51 UTC
From: Hank Greeb
Topic: 5440 Message: 5461

Note that the G5RV has SWR>9 over most of the 80/75 metre band. I don't understand why people say it is a multi band antenna with such a SWR.

Also, the "ground steaks" to which the antenna and rig are attached may be questionable (in our case, non existent).

73 de n8xx Hg

On 6/28/2012 8:19 AM, n2csa wrote:
> --- InLDG-auto-tuners@yahoogroups.com, "n2csa"<bcole3@...> wrote:
>> My amateur radio club used my FT-897D and AT-897 with a full sized G5RV for field day. My AT-897 has a quirk. It will not tune the G5RV on 80 meters between 3.850 and 3.999. It tunes 80 meters below 3.850 and all the other bands just fine. On the affected frequencies the AT-897 relays do their clicking and eventually stop but the FT-897D continues to transmit. I have to power the FT-897D off and back on to get it back into receive mode. We tried varying the length of coax from G5RV to tuner to no avail.
>>
>> Any ideas?
>>
> Thanks to all who replied. You were both on the right track. I posed the problem to LDG and they recommended putting rf chokes on the cables connecting the tuner and radio.

[Non-text portions of this message have been removed]

5462. Re: Question about LDG Baluns

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-06-28 16:45:56 UTC
From: Dwayne
Topic: 5455 Message: 5462

Cortland,

Thanks for the input. Pretty much everything that LDG makes is rated in PEP. So it's up to the user to de-rate the unit to their particular level of duty cycle usage.

If an LDG balun melted with 100 watts PEP of SSB, I would suspect a bad core in the balun. While we do test every unit, it's not out of the question that it was damaged in shipping or had a defect that only showed up at the maximum stress point.

I know there is no real "standard" for de-rating, but I'll look around and see what is generally used.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, Cortland Richmond <ka5s@...> wrote:
>
> Dwayne,
>
> We were using a friends 4:1 LDG Balun at the W8M CW position for Field
> Day and suffered first intermittent, then permanent, mismatch with the
> Z-11Pro. The Balun case was starting to melt with 100 Watts of RF and
> repeated CQ's . He's already contacted you and I suspect he'll rewind
> it with a larger core.
>
> I substituted a Palomar HB6 and normal tuner operation was restored .
>
> However, it appears that these (as you say) 50W continuous-rating Baluns
> are may not be well suited for use after LDG's otherwise excellent
> tuners, which when matching a high SWR load can subject a following
> Balun to more stress than a matched load on its balanced terminals
> would, as that has the effect of reducing the RF they can safely
> handle. Sevick has something to say about tuner Baluns and it appears
> he is right. FWIW, even a 1:1 LDG Balun warmed up perceptibly there,
> which is when I got out the big guy.
>
> By the way, I'm not knocking LDG Baluns in particular. I've seen someone
> else's 2.4 inch diameter 1:1 get hot at 100 W with a inappropriate load.
>
> As Robby says: Danger Will Robinson!
>
> Cortland
> KA5S
>
> On Wed Jun 27, 2012 2:33 pm ((PDT)) "Dwayne" ldgyahoo@...
> ldgelectronics wrote:

> > Hi Rex,
> >
> > You are correct, in RTTY mode, LDG baluns would have a rating of about 50 watts. We rate them at 200 watts PEP.
> >
> > However, I did notice that we did not have the "PEP" listed on our web site, so we've added that to the specs.
> >
> > Thanks for the feedback,
> >
> > Dwayne Kincaid
> > LDG
>

5463. Re: Question about LDG Baluns

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-06-28 18:19:32 UTC
From: ka5s
Topic: 5455 Message: 5463

This is an exercise that has bit other folks before,Dwayne. A National 500 used sweep tubes with only 60 or so watts of dissipation, and I had one that would regularly melt holes in the PA tube glass. 500/2 for uncompressed SSB = 250, 250/4 for 1/4 of the time spent transmitting gives 63W. EASY to exceed that. And Radio Shack guaranteed their sweep tubes for the life of the product they were used in. Heh.

If SSB PEP is 200 watts, or 100 W average, and if only half the time is spent talking (another /2 = 50W), one might think he only needs to build for 50 watts on average. But for CW, the duty cycle is actually higher than SSB while transmitting, and more if most of the time is spent sending CQ running a frequency during a contest. And that assumes the load is perfectly matched AFTER the Balun.

It looks like these Baluns are meant to follow an LDG tuner (makes sense to me anyway) so for *those* cases, you need to size the core and windings for perhaps 75 percent of PEP and add more for increased current and voltage due to SWR. That last, I think, is why this one got hot.

Cortland
KA5S

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
> Cortland,
>
> Thanks for the input. Pretty much everything that LDG makes is rated in PEP. So it's up to the user to de-rate the unit to their particular level of duty cycle usage.
>
> If an LDG balun melted with 100 watts PEP of SSB, I would suspect a bad core in the balun. While we do test every unit, it's not out of the question that it was damaged in shipping or had a defect that only showed up at the maximum stress point.
>
> I know there is no real "standard" for de-rating, but I'll look around and see what is generally used.
>
> Dwayne Kincaid
> LDG

5464. RE: [LDG-auto-tuners] Re: Question about LDG Baluns

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-06-28 18:45:13 UTC
From: Jerry Haigwood
Topic: 5455 Message: 5464

Cortland,

I am not sure what type of core is used by Dwayne, but if he used two stacked cores instead of one it would double the power dissipation and probably fix the problem. However, more than likely, the number of turns would have to change.

Jerry w5JH

From: LDG-auto-tuners@yahoogroups.com
[mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of ka5s
Sent: Thursday, June 28, 2012 1:20 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: Question about LDG Baluns

This is an exercise that has bit other folks before,Dwayne. A National 500 used sweep tubes with only 60 or so watts of dissipation, and I had one that would regularly melt holes in the PA tube glass. 500/2 for uncompressed SSB = 250, 250/4 for 1/4 of the time spent transmitting gives 63W. EASY to exceed that. And Radio Shack guaranteed their sweep tubes for the life of the product they were used in. Heh.

If SSB PEP is 200 watts, or 100 W average, and if only half the time is spent talking (another /2 = 50W), one might think he only needs to build for 50 watts on average. But for CW, the duty cycle is actually higher than SSB while transmitting, and more if most of the time is spent sending CQ running a frequency during a contest. And that assumes the load is perfectly matched AFTER the Balun.

It looks like these Baluns are meant to follow an LDG tuner (makes sense to me anyway) so for *those* cases, you need to size the core and windings for perhaps 75 percent of PEP and add more for increased current and voltage due to SWR. That last, I think, is why this one got hot.

Cortland
KA5S

--- In LDG-auto-tuners@yahoogroups.com
<mailto:LDG-auto-tuners%40yahoogroups.com> , "Dwayne" <ldgyahoo@...> wrote:
>
> Cortland,
>
> Thanks for the input. Pretty much everything that LDG makes is rated in PEP. So it's up to the user to de-rate the unit to their particular level of duty cycle usage.
>
> If an LDG balun melted with 100 watts PEP of SSB, I would suspect a bad

core in the balun. While we do test every unit, it's not out of the question that it was damaged in shipping or had a defect that only showed up at the maximum stress point.
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> I know there is no real "standard" for de-rating, but I'll look around and see what is generally used.
>
> Dwayne Kincaid
> LDG

[Non-text portions of this message have been removed]

5465. Re: Question about LDG Baluns

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-06-28 19:19:34 UTC
From: Dwayne
Topic: 5455 Message: 5465

Exactly correct Cortland,

That's why we built our tuners for about 100 watts PEP and our baluns for 200 watts PEP.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "ka5s" <ka5s@...> wrote:
>
> This is an exercise that has bit other folks before,Dwayne. A National 500 used sweep tubes with only 60 or so watts of dissipation, and I had one that would regularly melt holes in the PA tube glass. 500/2 for uncompressed SSB = 250, 250/4 for 1/4 of the time spent transmitting gives 63W. EASY to exceed that. And Radio Shack guaranteed their sweep tubes for the life of the product they were used in. Heh.
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> If SSB PEP is 200 watts, or 100 W average, and if only half the time is spent talking (another /2 = 50W), one might think he only needs to build for 50 watts on average. But for CW, the duty cycle is actually higher than SSB while transmitting, and more if most of the time is spent sending CQ running a frequency during a contest. And that assumes the load is perfectly matched AFTER the Balun.
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>
>
>
> Cortland
> KA5S
>
>

5466. Bad balun

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-06-29 02:51:19 UTC
From: Rich
Topic: 5466 Message: 5466

I like LDG tuners and needed a 4:1 balun so for $20 I bought one @ Dayton. The ant connector was crooked, well that was just cosmetics until I tried to connect to it. Must be the Chinese threads, I was disappointed and wrote a letter to LDG.....hello.....no response!
I know it's only $20,however that's NOT the point or with 2 problems
should it be points?

Rich KC8HMJ

5467. Re: Bad balun

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-06-30 20:15:59 UTC
From: Dwayne
Topic: 5466 Message: 5467

Hi Rich,

We have not received a letter from you. Perhaps you could send us an e-mail directly to us if you have more information to pass along.

Thanks,

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "Rich" <richard@...> wrote:
>
> I like LDG tuners and needed a 4:1 balun so for $20 I bought one @ Dayton. The ant connector was crooked, well that was just cosmetics until I tried to connect to it. Must be the Chinese threads, I was disappointed and wrote a letter to LDG.......hello.....no response!
> I know it's only $20,however that's NOT the point or with 2 problems
> should it be points?
>
> Rich KC8HMJ
>

5468. LDG Z11 ProIIF Inductance/Capacitance

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-01 03:21:48 UTC
From: gealto2000
Topic: 5468 Message: 5468

I'm planning on purchasing one of these very soon, and would like to know the total maximum inductance and capacitance that it's capable of. I don't see this information in any literature, but would like to know for system design purposes.

Thanks in advance,

Gene A. Townsend
KC9WFW

5469. FW: [LDG-auto-tuners] Digest Number 1877

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-01 20:34:05 UTC
From: Tom Ed Moore
Topic: 5469 Message: 5469

I have never encountered any non-standard threads for any balun on four different LDG tuners. Maybe your balun has been cross threaded?

Tom, k5bm

Tom

From: LDG-auto-tuners@yahoogroups.com
[mailto:LDG-auto-tuners@yahoogroups.com]
Sent: Sunday, July 01, 2012 5:56 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Digest Number 1877

<http://groups.yahoo.com/;_ylc=X3oDMTJlYm43anNuBF9TAzk3MzU5NzE1BGdycElkAzExNzAyNTMzBGdycHNwSWQDMTcwNTA2MzEwOARzZWMDZnRyBHNsawNnZnAEc3RpbWUDMTM0MTE0MDE3NA--> Yahoo! Groups

<http://groups.yahoo.com/group/LDG-auto-tuners;_ylc=X3oDMTJlcDVvYWhzBF9TAzk3MzU5NzE1BGdycElkAzExNzAyNTMzBGdycHNwSWQDMTcwNTA2MzEwOARzZWMDaGRyBHNsawNocGgEc3RpbWUDMTM0MTE0MDE3Mw--> LDG Auto Antenna Tuners & Accessories Group

1 New Message

Digest #1877

1a

Re: Bad balun by "Dwayne" ldgelectronics

1a

<http://groups.yahoo.com/group/LDG-auto-tuners/message/5467;_ylc=X3oDMTJybTVkamlxBF9TAzk3MzU5NzE1BGdycElkAzExNzAyNTMzBGdycHNwSWQDMTcwNTA2MzEwOARtc2dJZAM1NDY3BHNlYwNkbXNnBHNsawN2bXNnBHN0aW1lAzEzNDExNDAxNzQ-> Re: Bad balun

Sat Jun 30, 2012 1:35 pm (PDT) . Posted by:
<mailto:ldgyahoo@...?Subject=%20Re%3A%20Bad%20balun> "Dwayne" ldgelectronics

Hi Rich,

We have not received a letter from you. Perhaps you could send us an e-mail directly to us if you have more information to pass along.

Thanks,

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com
<mailto:LDG-auto-tuners%40yahoogroups.com> , "Rich" <richard@...> wrote:
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> I like LDG tuners and needed a 4:1 balun so for $20 I bought one @ Dayton.
The ant connector was crooked, well that was just cosmetics until I tried to
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letter to LDG.......hello........no response!
> I know it's only $20,however that's NOT the point or with 2 problems
> should it be points?
>
> Rich KC8HMJ
>

^

Top

<mailto:ldgyahoo@...?Subject=Re%3A%20Bad%20balun> Reply to
sender

.

<mailto:LDG-auto-tuners@yahoogroups.com?Subject=%20Re%3A%20Bad%20balun>
Reply to group

.

<http://groups.yahoo.com/group/LDG-auto-tuners/post;_ylc=X3oDMTJycTNtbTYyBF9
TAzk3MzU5NzE1BGdycElkAzExNzAyNTMzBGdycHNwSWQDMTcwNTA2MzEwOARtc2dJZAM1NDY3BHN
lYwNkbXNnBHNsawNycGx5BHN0aW1lAzEzNDExNDAxNzQ-?act=reply&messageNum=5467>
Reply via Web Post

.

<http://groups.yahoo.com/group/LDG-auto-tuners/message/5466;_ylc=X3oDMTM2ZHR
0MWV0BF9TAzk3MzU5NzE1BGdycElkAzExNzAyNTMzBGdycHNwSWQDMTcwNTA2MzEwOARtc2dJZAM
1NDY3BHNlYwNkbXNnBHNsawN2dHBjBHN0aW1lAzEzNDExNDAxNzQEdHBjSWQDNTQ2Ng--> All
Messages (2)

<http://groups.yahoo.com/group/LDG-auto-tuners;_ylc=X3oDMTJmaGxmMm5zBF9TAzk3
MzU5NzE1BGdycElkAzExNzAyNTMzBGdycHNwSWQDMTcwNTA2MzEwOARzZWMDdnRsBHNsawN2Z2hw
BHN0aW1lAzEzNDExNDAxNzQ-> Visit Your Group

<http://groups.yahoo.com/group/LDG-auto-tuners;_ylc=X3oDMTJmaGxmMm5zBF9TAzk3
MzU5NzE1BGdycElkAzExNzAyNTMzBGdycHNwSWQDMTcwNTA2MzEwOARzZWMDdnRsBHNsawN2Z2hw
BHN0aW1lAzEzNDExNDAxNzQ-> >

<http://groups.yahoo.com/group/LDG-auto-tuners/messages;_ylc=X3oDMTJnZGNkMWV
rBF9TAzk3MzU5NzE1BGdycElkAzExNzAyNTMzBGdycHNwSWQDMTcwNTA2MzEwOARzZWMDZG1zZwR
zbGsDYXRwYwRzdGltZQMxMzQxMTQwMTc0?xm=1&m=p&tidx=1> View All Topics

>

<http://groups.yahoo.com/group/LDG-auto-tuners/post;_ylc=X3oDMTJncW5laW52BF9
TAzk3MzU5NzE1BGdycElkAzExNzAyNTMzBGdycHNwSWQDMTcwNTA2MzEwOARzZWMDZG1zZwRzbGs

DbnRwYwRzdGltZQMxMzQxMTQwMTc0> Create New Topic

>

<http://groups.yahoo.com/group/LDG-auto-tuners/members;_ylc=X3oDMTJnbW81cnNl
BF9TAzk3MzU5NzE1BGdycElkAzExNzAyNTMzBGdycHNwSWQDMTcwNTA2MzEwOARzZWMDdnRsBHNs
awN2bWJycwRzdGltZQMxMzQxMTQwMTc0?o=6> 11 New Members

<http://groups.yahoo.com/group/LDG-auto-tuners/members;_ylc=X3oDMTJnbW81cnNl
BF9TAzk3MzU5NzE1BGdycElkAzExNzAyNTMzBGdycHNwSWQDMTcwNTA2MzEwOARzZWMDdnRsBHNs
awN2bWJycwRzdGltZQMxMzQxMTQwMTc0?o=6> >

We are making changes based on your feedback, Thank you !

<mailto:ygroupsnotifications@yahoogroups.com?Subject=%20Feedback%20on%20the%
20redesigned%20daily%20digest> Submit Feedback

>

<http://groups.yahoo.com/;_ylc=X3oDMTJlYm43anNuBF9TAzk3MzU5NzE1BGdycElkAzExN
zAyNTMzBGdycHNwSWQDMTcwNTA2MzEwOARzZWMDZnRyBHNsawNnZnAEc3RpbWUDMTM0MTE0MDE3N
A--> Yahoo! Groups

<http://groups.yahoo.com/group/LDG-auto-tuners/join;_ylc=X3oDMTJnOW83bHZsBF9
TAzk3MzU5NzE1BGdycElkAzExNzAyNTMzBGdycHNwSWQDMTcwNTA2MzEwOARzZWMDZnRyBHNsawN
zdG5ncwRzdGltZQMxMzQxMTQwMTc0> CHANGE SETTINGS

<http://groups.yahoo.com/group/LDG-auto-tuners/join;_ylc=X3oDMTJnOW83bHZsBF9
TAzk3MzU5NzE1BGdycElkAzExNzAyNTMzBGdycHNwSWQDMTcwNTA2MzEwOARzZWMDZnRyBHNsawN
zdG5ncwRzdGltZQMxMzQxMTQwMTc0> >

<http://docs.yahoo.com/info/terms/> TERMS OF USE

<http://docs.yahoo.com/info/terms/> >

<mailto:LDG-auto-tuners-unsubscribe@yahoogroups.com?subject=Unsubscribe>
UNSUBSCRIBE

<mailto:LDG-auto-tuners-unsubscribe@yahoogroups.com?subject=Unsubscribe> >

[Non-text portions of this message have been removed]

5470. Antenna addition

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-03 23:35:51 UTC
From: tkift
Topic: 5470 Message: 5470

I currently have a Yaesu FT-840 using an LDG AT-100Pro autotuner running up to a Alpha-Delta DX-EE antenna. I've no problems with the set up until now.

I had to cut down a tree that was supporting one end of the antenna and moved that end to my chimney. As a result I added another 50' of RG 8X to reach the antenna in it's new set up. Now I can't get the antenna tuned up properly. Did I mess up the whole system by adding the extra 50' of antenna? I've tried to reset the AT-100 but nothing is working.

Any ideas?

Thanks,
Terry
KD0JAX

5471. Re: [LDG-auto-tuners] Antenna addition

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-04 02:24:40 UTC
From: Bill Aycock
Topic: 5470 Message: 5471

Terry==
Two things come to mind; The added cable has a bad connection (short or open), or, the added length presents a tune problem.
The first possibility can be tested with an Ohmmeter, or by substituting another cable.
The second can be tested by adding some length of cable, to "detune". Note--this is a test, not necessarily a fix.
Good luck--Bill--W4BSG

-----Original Message-----
From: tkift
Sent: Tuesday, July 03, 2012 6:35 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Antenna addition

I currently have a Yaesu FT-840 using an LDG AT-100Pro autotuner running up to a Alpha-Delta DX-EE antenna. I've no problems with the set up until now.

I had to cut down a tree that was supporting one end of the antenna and moved that end to my chimney. As a result I added another 50' of RG 8X to reach the antenna in it's new set up. Now I can't get the antenna tuned up properly. Did I mess up the whole system by adding the extra 50' of antenna? I've tried to reset the AT-100 but nothing is working.

Any ideas?

Thanks,
Terry
KD0JAX

Yahoo! Groups Links

5472. Z11Pro2, by-pass ignored...

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-04 04:38:10 UTC
From: ac6dn
Topic: 5472 Message: 5472

Hi,

I have a Z11Pro2 and I have a FT-857d, both are remote mounted in my trunk. My antenna is a HAM Stick whip. I'll spear you all the gory details of my set up, as its complicated (See "The TMI" at the bottom of this post).

With the tuner (transmatch) physically removed from the system, the only SWR change I see, while driving around, is do to tree contact, and nearby wires (phone/cable) near the antenna, these are extremity momentary. There appears to be no loose connections (the SWR is stable, other than the aforementioned)....

1. The tuner keeps jumping from by-passed to tune, making it imposable to tune the actual antenna its self.
2. As I drive around, while talking, the tuner will suddenly tune, with no apparent change to SWR exceeding 3.0, causing it to tune.

My solution:
I added a remote power switch to the tuner. The 12V is off, except when I need to tune, the tuner (transmatch).

My question:
Anyone else, have this problem of needing to kill the 12V DC power to the tuner (I mentioned this problem to a friend who has a Z11pro, who said he pulls the DC, from the back of his tuner?

AC6DN

The TMI:
The mess, to avoid antenna switches and excessive complications, in my car is:
A Comet CF-706, is used on the radio-side, and a CF-360 is used to connect the HF antenna, and a SBB15 (6m, 2m, and 70cm) antenna. The common jacks to the diplexers are connected together.
The HF-only port out the CF-360 connects to the Z11Pro2. Each antenna coax has a MFJ-270 EMP/lightning protector (gas discharge tube, rated for 400WPEP) prior to going to the diplexers, or in the case of HF, to the tuner.

5473. Re: [LDG-auto-tuners] Z11Pro2, by-pass ignored...

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-04 18:13:38 UTC
From: Leonard K. Pennock
Topic: 5472 Message: 5473

I saw that where it turned out the hamstick was going bad. I've also seen it with loose connections. Normally I don't see it with the Z11Pro or AT100Pro mobile installs I have. Check all your connections to make sure they are tight.

On 07/03/2012 09:38 PM, ac6dn wrote:
> Hi,
>
> I have a Z11Pro2 and I have a FT-857d, both are remote mounted in my trunk. My antenna is a HAM Stick whip. I'll spear you all the gory details of my set up, as its complicated (See "The TMI" at the bottom of this post).
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> AC6DN
> ----------
>
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>
>
>

>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

--
Leonard K. Pennock
AD7AS

Those who walk bravely through life, unafraid of loss or failure,
find that they very rarely lose or fail.

5474. Re: Z11Pro2, by-pass ignored...

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-05 00:23:57 UTC
From: ac6dn
Topic: 5472 Message: 5474

I'll recheck. With the tuner powered off, or if its not installed, I dont see and big jumps other than the ones described previously.

The weird part is the tuner switching from by-passed to enabled, I find weird. EMI/RFI? I have a farrite on every lead with more than two turns though them.

AC6DN

--- In LDG-auto-tuners@yahoogroups.com, "Leonard K. Pennock" <leonardpennock@...> wrote:
>
> I saw that where it turned out the hamstick was going bad. I've also
> seen it with loose connections. Normally I don't see it with the Z11Pro
> or AT100Pro mobile installs I have. Check all your connections to make
> sure they are tight.
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> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
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>
> --
> Leonard K. Pennock
> AD7AS
>
> Those who walk bravely through life, unafraid of loss or failure,
> find that they very rarely lose or fail.
>

5475. Re: [LDG-auto-tuners] Z11Pro2, by-pass ignored...

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-04 21:14:58 UTC
From: joe_aj3o@yahoo.com
Topic: 5472 Message: 5475

Pull the hamstick off of the mount and check for any signs of corrosion. Clean both the mount and antenna threads and apply some silicone dielectric grease and reassemble assuring everything is tight. Then check the coax for shorts or loose connections. This may or may not solve your problem. This should be done periodically anyways.
Sent from my Motorola Smartphone on the Now Network from Sprint!

-----Original message-----
From: "Leonard K. Pennock" <leonardpennock@...>
To: LDG-auto-tuners@yahoogroups.com
Sent: Wed, Jul 4, 2012 14:15:29 EDT
Subject: Re: [LDG-auto-tuners] Z11Pro2, by-pass ignored...

I saw that where it turned out the hamstick was going bad. I've also seen it with loose connections. Normally I don't see it with the Z11Pro or AT100Pro mobile installs I have. Check all your connections to make sure they are tight.

On 07/03/2012 09:38 PM, ac6dn wrote:
> Hi,
>
> I have a Z11Pro2 and I have a FT-857d, both are remote mounted in my trunk. My antenna is a HAM Stick whip. I'll spear you all the gory details of my set up, as its complicated (See "The TMI" at the bottom of this post).
>
> With the tuner (transmatch) physically removed from the system, the only SWR change I see, while driving around, is do to tree contact, and nearby wires (phone/cable) near the antenna, these are extremity momentary. There appears to be no loose connections (the SWR is stable, other than the aforementioned)....
>
> 1. The tuner keeps jumping from by-passed to tune, making it imposable to tune the actual antenna its self.
> 2. As I drive around, while talking, the tuner will suddenly tune, with no apparent change to SWR exceeding 3.0, causing it to tune.
>
> My solution:
> I added a remote power switch to the tuner. The 12V is off, except when I need to tune, the tuner (transmatch).
>
> My question:
> Anyone else, have this problem of needing to kill the 12V DC power to the tuner (I mentioned this problem to a friend who has a Z11pro, who said he pulls the DC, from the back of his tuner?
>
> AC6DN

> ----------------------------------
>
> The TMI:
> The mess, to avoid antenna switch

[Non-text portions of this message have been removed]

5476. New to group with a Z11ProII

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-05 00:48:39 UTC
From: Mike
Topic: 5476 Message: 5476

Just posted some pics of my portable setup under "Portable KX3......
Tuner is working FB with everything I throw at it.
Mike WA8EBM

5477. Re: Z11Pro2, by-pass ignored...

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-05 11:16:23 UTC
From: Mike Parker
Topic: 5472 Message: 5477

When working with another station on field days/fun days etc. they used to initiate my Z11 tuning because of the close vicinity of the antennas. So I put a in-line switch on the power cable to take it off power when I was tuned up.

Regards,

Mike
M0SAZ

--- In LDG-auto-tuners@yahoogroups.com, "joe_aj3o@..." <joe_aj3o@...> wrote:
>
> Pull the hamstick off of the mount and check for any signs of corrosion.
> Clean both the mount and antenna threads and apply some silicone dielectric
> grease and reassemble assuring everything is tight. Then check the coax for
> shorts or loose connections. This may or may not solve your problem. This
> should be done periodically anyways.
> Sent from my Motorola Smartphone on the Now Network from Sprint!
>
> -----Original message-----
> From: "Leonard K. Pennock" <leonardpennock@...>
> To: LDG-auto-tuners@yahoogroups.com
> Sent: Wed, Jul 4, 2012 14:15:29 EDT
> Subject: Re: [LDG-auto-tuners] Z11Pro2, by-pass ignored...
>
> I saw that where it turned out the hamstick was going bad. I've also
> seen it with loose connections. Normally I don't see it with the Z11Pro
> or AT100Pro mobile installs I have. Check all your connections to make
> sure they are tight.
>
> On 07/03/2012 09:38 PM, ac6dn wrote:
> > Hi,
> >
> > I have a Z11Pro2 and I have a FT-857d, both are remote mounted in my
> trunk. My antenna is a HAM Stick whip. I'll spear you all the gory details
> of my set up, as its complicated (See "The TMI" at the bottom of this post).
> >
> > With the tuner (transmatch) physically removed from the system, the only
> SWR change I see, while driving around, is do to tree contact, and nearby
> wires (phone/cable) near the antenna, these are extremity momentary. There
> appears to be no loose connections (the SWR is stable, other than the
> aforementioned)....
> >
> > 1. The tuner keeps jumping from by-passed to tune, making it imposable to
> tune the actual antenna its self.
> > 2. As I drive around, while talking, the tuner will suddenly tune, with
> no apparent change to SWR exceeding 3.0, causing it to tune.

> >
> > My solution:
> > I added a remote power switch to the tuner. The 12V is off, except when I
> need to tune, the tuner (transmatch).
> >
> > My question:
> > Anyone else, have this problem of needing to kill the 12V DC power to the
> tuner (I mentioned this problem to a friend who has a Z11pro, who said he
> pulls the DC, from the back of his tuner?
> >
> > AC6DN
> > ----------
> >
> > The TMI:
> > The mess, to avoid antenna switch
>
>
> [Non-text portions of this message have been removed]
>

5478. Re: Z11Pro2, by-pass ignored...

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-05 17:58:14 UTC
From: k5bm_tom
Topic: 5472 Message: 5478

I would not trunk mount without it being airconditioned. Under the seat is how I mount mine. Where I live, the trunk temp gets above 140 degrees F.
Tom, k5bm

5479. Tuning with an AT-600Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-05 19:11:18 UTC
From: ei8kf
Topic: 5479 Message: 5479

I recently invested in a AT-600Pro tuner and overall I'm pretty happy with the tuner. I do have a question about its use when tuning... I find that I can usually tune to a lower SWR manually after the tuner has found a match but why doesn't the tuner find this lower SWR setting when it's going through the tuning phase??

Andrew

5480. Re: [LDG-auto-tuners] Tuning with an AT-600Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-05 20:40:28 UTC
From: Jimmy (WB8NBI)
Topic: 5479 Message: 5480

What do you have your threshold at?
The lower you set it the lower SWR it will match to but takes longer.

DE Jimmy (WB8NBI)

From: ei8kf
Sent: Thursday, July 05, 2012 3:11 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Tuning with an AT-600Pro

I recently invested in a AT-600Pro tuner and overall I'm pretty happy with the tuner. I do have a question about its use when tuning... I find that I can usually tune to a lower SWR manually after the tuner has found a match but why doesn't the tuner find this lower SWR setting when it's going through the tuning phase??

Andrew

[Non-text portions of this message have been removed]

5481. Re: Z11Pro2, by-pass ignored...

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-06 02:49:06 UTC
From: ac6dn
Topic: 5472 Message: 5481

With the tuner removed, no SWR spikes.

I use oz-gard, This is a new install.
http://www.olypen.com/craigh/oxgard.htm
It cheap and available at ANY hardware store. Dont use it ACROSS connections, as it got conductive particles in it...

BTW: The trunk lid has its own 1-inch jacked Brade.

--- In LDG-auto-tuners@yahoogroups.com, "joe_aj3o@..." <joe_aj3o@...> wrote:
>
> Pull the hamstick off of the mount and check for any signs of corrosion.
> Clean both the mount and antenna threads and apply some silicone dielectric
> grease and reassemble assuring everything is tight. Then check the coax for
> shorts or loose connections. This may or may not solve your problem. This
> should be done periodically anyways.
> Sent from my Motorola Smartphone on the Now Network from Sprint!
>
> -----Original message-----
> From: "Leonard K. Pennock" <leonardpennock@...>
> To: LDG-auto-tuners@yahoogroups.com
> Sent: Wed, Jul 4, 2012 14:15:29 EDT
> Subject: Re: [LDG-auto-tuners] Z11Pro2, by-pass ignored...
>
> I saw that where it turned out the hamstick was going bad. I've also
> seen it with loose connections. Normally I don't see it with the Z11Pro
> or AT100Pro mobile installs I have. Check all your connections to make
> sure they are tight.
>
> On 07/03/2012 09:38 PM, ac6dn wrote:
> > Hi,
> >
> > I have a Z11Pro2 and I have a FT-857d, both are remote mounted in my
> trunk. My antenna is a HAM Stick whip. I'll spear you all the gory details
> of my set up, as its complicated (See "The TMI" at the bottom of this post).
> >
> > With the tuner (transmatch) physically removed from the system, the only
> SWR change I see, while driving around, is do to tree contact, and nearby
> wires (phone/cable) near the antenna, these are extremity momentary. There
> appears to be no loose connections (the SWR is stable, other than the
> aforementioned)....
> >
> > 1. The tuner keeps jumping from by-passed to tune, making it imposable to
> tune the actual antenna its self.
> > 2. As I drive around, while talking, the tuner will suddenly tune, with
> no apparent change to SWR exceeding 3.0, causing it to tune.

> >
> > My solution:
> > I added a remote power switch to the tuner. The 12V is off, except when I
> need to tune, the tuner (transmatch).
> >
> > My question:
> > Anyone else, have this problem of needing to kill the 12V DC power to the
> tuner (I mentioned this problem to a friend who has a Z11pro, who said he
> pulls the DC, from the back of his tuner?
> >
> > AC6DN
> > ----------
> >
> > The TMI:
> > The mess, to avoid antenna switch
>
>
> [Non-text portions of this message have been removed]
>

5482. Re: Z11Pro2, by-pass ignored...

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-06 03:02:58 UTC
From: ac6dn
Topic: 5472 Message: 5482

Depends on the car. My Ford Taures' (light blue) truck got extremely hot when it was hot out side. My Honda Accord (dark blue), is cooler than inside the car (both when they were parked in the sun).

New cars have electronics in the car seat area. I had my radios installed under the seat for a while, with no problems, but I have stock in farrite companies ;-)

--- In LDG-auto-tuners@yahoogroups.com, "k5bm_tom" <k5bm@...> wrote:
>
>
> I would not trunk mount without it being airconditioned. Under the seat is how I mount mine. Where I live, the trunk temp gets above 140 degrees F.
> Tom, k5bm
>

5483. Re: New to group with a Z11ProII

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-06 03:05:21 UTC
From: ac6dn
Topic: 5476 Message: 5483

The KX3 tuner is awussume, kinda suprized you did not use it?

--- In LDG-auto-tuners@yahoogroups.com, "Mike" <mpenkas@...> wrote:
>
> Just posted some pics of my portable setup under "Portable KX3......
> Tuner is working FB with everything I throw at it.
> Mike WA8EBM
>

5484. Re: [LDG-auto-tuners] Re: New to group with a Z11ProII

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-06 13:49:06 UTC
From: Mike Penkas
Topic: 5476 Message: 5484

On 7/5/2012 11:05 PM, ac6dn wrote:
>
> The KX3 tuner is awussume, kinda suprized you did not use it?
>
> --- In LDG-auto-tuners@yahoogroups.com
> <mailto:LDG-auto-tuners%40yahoogroups.com>, "Mike" <mpenkas@...> wrote:
> >
> > Just posted some pics of my portable setup under "Portable KX3......
> > Tuner is working FB with everything I throw at it.
> > Mike WA8EBM
> >
>
>
Yes the KX3 tuner is great but not much use when connecting an amp!
Mike WA8EBM

[Non-text portions of this message have been removed]

5485. IT-100 IC Chip

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-07 01:05:30 UTC
From: kc9eke
Topic: 5485 Message: 5485

Does anyone have a Version 1.0 IC Chip for the IT-100 tuner.I beleave that is what's wrong with mine. The green light stays on and the ic-706 will not activate it.

5486. Re: IT-100 IC Chip

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-07 21:37:27 UTC
From: Dwayne
Topic: 5485 Message: 5486

Hello KC9EKE,

We have those. Send us an e-mail directly with your address.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "kc9eke" <kc9eke@...> wrote:
>
> Does anyone have a Version 1.0 IC Chip for the IT-100 tuner.I beleave that is what's wrong with mine. The green light stays on and the ic-706 will not activate it.
>

5487. Bypass in AT-600Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-08 13:14:10 UTC
From: traburgess1945
Topic: 5487 Message: 5487

I can not get my AT-600Pro out of bypass. It has been tried with Yaesu FT-897D and Kenwood TS-489sat with the AL-811 amp. Watt output range has been 5 watts to 300 watts. It tuned once and went south.
It is currently packed for shipping but is there any way to reset it without sending it in.

Travis
K5HTB

5488. Re: Bypass in AT-600Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-09 15:13:44 UTC
From: traburgess1945
Topic: 5487 Message: 5488

Correction: 480sat, not 489. I am also using the Ameritron ARB-704 xceiver/amp interface.

Travis
K5HTB

--- In LDG-auto-tuners@yahoogroups.com, "traburgess1945" <travburg1@...> wrote:
>
> I can not get my AT-600Pro out of bypass. It has been tried with Yaesu FT-897D and Kenwood TS-489sat with the AL-811 amp. Watt output range has been 5 watts to 300 watts. It tuned once and went south.
> It is currently packed for shipping but is there any way to reset it without sending it in.
>
> Travis
> K5HTB
>

5489. New to the group

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-09 16:05:44 UTC
From: TLN
Topic: 5489 Message: 5489

I have a IT100 and IC7000.

-Tom, W3TLN

5490. New to the group and confused (AT-200 Pro II and AT-200-PC)

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-09 20:18:29 UTC
From: Bob
Topic: 5490 Message: 5490

For the past several months I've been busy moving and upgrading my ham shack. As part of that process I bought a refurbished AT-200-PC primarily for use with HF MARS, especially ALE. I plan to use the AT-200 Pro II with an older TS-830S. I am just about finished moving the ham shack and I've stated getting everything back in operation. My primary rig is an Icom IC-756 Pro III and my antenna is an 80m dipole cut for the lower end of the band, and that is what I am using to test and learn about the AT-200 Pro II.

For years my setup was an HF rig, a home brew Ultimate Transmatch (QST July 1970), and my trusty 80m dipole feed with a home brew open wire, balanced feed line. With that setup there was not any where in the ham bands or on the MARS frequencies that I could not get an 1:1 match. Concurrent with the move, I decided to add a couple of HF antennas, a terminated fan and a HyGain AV-640 vertical. That mean that the trusty old balanced feed line had to go so that I could do some coax switching between antennas. Enter the confusion.

First the symptoms:

1. The transmatch will still tune a coat hanger if so desired.

2. The internal tuner in the radio will tune all of 40m to a perfect match.

3. The AT-200 Pro II will not tune any portion of 40m.

Since both the rig has an internal tuner, the process I have used with the LDG is:

1. Zero the 756's internal tuner by tuning it into a 50Î© dummy load.
2. Turn off the 756s internal tuner and leave it off.

3. Turn on the LDG 200 Pro II.

4. Initiate tuning process. with the LDG.

The LDG does not ever bring the load into resonance . . . not even close. Most of the time it goes into a continuous, relay chattering tuning cycle. I'm going to keep at it, but so far it's frustrating as hell as well as very disappointing.

73s es gud DX de Bob NT0A

[Non-text portions of this message have been removed]

5491. LDG Tuners and ALE (was New to the group and confused (AT-200 Pro II / PC)

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-09 21:18:43 UTC
From: yg@internetsmallfry.com
Topic: 5490 Message: 5491

Good afternoon, Bob.

I can't help you with your question, it certainly seems to me like it should work, but I wanted to comment on your plan to use the AT-200-PC with ALE.

I asked LDG about ALE a while ago (a year or two, I think) and the response I got back then was that ALE operation wasn't recommended with autotuners that use mechanical relays, at least not in modes that require continuous retuning (e.g. scanning and sounding). The advice from LDG at the time was that the relays would be unlikely to last more than a year or so under that kind of operation.

It would probably be a good idea to check in with them before you implement any kind of ALE service with the AT-200-PC.

Rick WA1RKT
Londonderry, NH
Catch me on 14.300 MHz Intercon / MMSN most days

--- In LDG-auto-tuners@yahoogroups.com, "Bob" <nt0a@...> wrote:
>
> For the past several months I've been busy moving and upgrading my ham
> shack. As part of that process I bought a refurbished AT-200-PC
> primarily for use with HF MARS, especially ALE.

5492. Re: LDG Tuners and ALE (was New to the group and confused (AT-200 Pro II / PC)

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-10 02:02:38 UTC
From: Dwayne
Topic: 5490 Message: 5492

Rick,

That is true with all LDG tuners except the AT-200PC. The AT-200PC was specifically designed to work with ALE.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, yg@... wrote:
>
> Good afternoon, Bob.
>
> I can't help you with your question, it certainly seems to me like it should work, but I wanted to comment on your plan to use the AT-200-PC with ALE.
>
> I asked LDG about ALE a while ago (a year or two, I think) and the response I got back then was that ALE operation wasn't recommended with autotuners that use mechanical relays, at least not in modes that require continuous retuning (e.g. scanning and sounding). The advice from LDG at the time was that the relays would be unlikely to last more than a year or so under that kind of operation.
>
> It would probably be a good idea to check in with them before you implement any kind of ALE service with the AT-200-PC.
>
> Rick WA1RKT
> Londonderry, NH
> Catch me on 14.300 MHz Intercon / MMSN most days
>
>
> --- In LDG-auto-tuners@yahoogroups.com, "Bob" <nt0a@> wrote:
> >
> > For the past several months I've been busy moving and upgrading my ham
> > shack. As part of that process I bought a refurbished AT-200-PC
> > primarily for use with HF MARS, especially ALE.
>

5493. Anyone have a QUick Chart for the LDG AT-600Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-10 02:15:25 UTC
From: mcyman
Topic: 5493 Message: 5493

Hello all,
I looked in the file section and didn't find one.
Anyone have a QUick Chart for the LDG AT-600Pro
Thanks rob n8rt

5494. Re: [LDG-auto-tuners] Re: LDG Tuners and ALE (was New to the group and confused (AT-200 Pro II / PC)

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-10 02:22:28 UTC
From: N2CKH
Topic: 5490 Message: 5494

Hi Rick,

In addition to Dwayne's comments, let me add that
the AT-200PC under PC-ALE or MARS-ALE make use of
the AT-200PC in a manor where the ATU is in
BYPASS during scanning and tuned from memory but
sending the ATU the next TX frequency prior to
any application of RF and where re-tuning by
application of RF can be had should the antenna
system characteristics have changed since last stored memory parameters.

In addition, MARS members, using MARS-ALE can use
any of the LDG PRO models are supported for ALE
use via their Remote Port for BYPASS during
scanning and re-entry to tuning with the
application of RF. A specific RS-232 signal line
and simple interface is used for ATU bypass and
ATU RF tuning signal can be setup prior to ALE
data being sent. At some point, time permitting,
more of the ATU support found in MARS-ALE may migrate to PC-ALE.

/s/ Steve, N2CKH

At 10:02 PM 7/9/2012, you wrote:
>
>
>Rick,
>
>That is true with all LDG tuners except the
>AT-200PC. The AT-200PC was specifically designed to work with ALE.
>
>Dwayne Kincaid
>LDG
>
>--- In
><mailto:LDG-auto-tuners%40yahoogroups.com>LDG-auto-tuners@yahoogroups.com,
>yg@... wrote:
> >
> > Good afternoon, Bob.
> >
> > I can't help you with your question, it
> certainly seems to me like it should work, but
> I wanted to comment on your plan to use the AT-200-PC with ALE.
> >
> > I asked LDG about ALE a while ago (a year or

> two, I think) and the response I got back then
> was that ALE operation wasn't recommended with
> autotuners that use mechanical relays, at least
> not in modes that require continuous retuning
> (e.g. scanning and sounding). The advice from
> LDG at the time was that the relays would be
> unlikely to last more than a year or so under that kind of operation.
> >
> > It would probably be a good idea to check in
> with them before you implement any kind of ALE service with the AT-200-PC.
> >
> > Rick WA1RKT
> > Londonderry, NH
> > Catch me on 14.300 MHz Intercon / MMSN most days
> >
> >
> > --- In
> <mailto:LDG-auto-tuners%40yahoogroups.com>LDG-auto-tuners@yahoogroups.com,
> "Bob" <nt0a@> wrote:
> > >
> > > For the past several months I've been busy moving and upgrading my ham
> > > shack. As part of that process I bought a refurbished AT-200-PC
> > > primarily for use with HF MARS, especially ALE.
> >
>
>

[Non-text portions of this message have been removed]

5495. Re: LDG Tuners and ALE (was New to the group and confused (AT-200 Pro II / PC)

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-10 03:47:38 UTC
From: yg@internetsmallfry.com
Topic: 5490 Message: 5495

Thanks, Dwayne, that's good to know. I wanted some kind of autotuner to use with ALE and didn't know that the AT-200PC was designed for that. I think that back when you and I had this conversation, the AT-200PC might not have been out yet.

Rick

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
> Rick,
>
> That is true with all LDG tuners except the AT-200PC. The AT-200PC
> was specifically designed to work with ALE.
>
> Dwayne Kincaid
> LDG

5496. Re: LDG Tuners and ALE (was New to the group and confused (AT-200 Pro II / PC)

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-10 03:51:22 UTC
From: yg@internetsmallfry.com
Topic: 5490 Message: 5496

Good evening, Steve.

I suppose that could work somewhat, but one of the objectives of ALE is to find the best frequency to use at a given time, not just to find one frequency that will work. If your antenna is seriously mismatched to your receiver, the perceived signal strength will be much less even for a frequency that would otherwise be optimum, unless the entenna just happens to be tuned for that frequency. So I don't see how you can use ALE to its full advantage unless your antenna can track your receiver as well as your transmitter.

Rick WA1RKT

--- In LDG-auto-tuners@...m, N2CKH <n2ckh@...> wrote:
>
>
> Hi Rick,
>
> In addition to Dwayne's comments, let me add that
> the AT-200PC under PC-ALE or MARS-ALE make use of
> the AT-200PC in a manor where the ATU is in
> BYPASS during scanning and tuned from memory but
> sending the ATU the next TX frequency prior to
> any application of RF and where re-tuning by
> application of RF can be had should the antenna
> system characteristics have changed since last stored memory
> parameters.
>
> In addition, MARS members, using MARS-ALE can use
> any of the LDG PRO models are supported for ALE
> use via their Remote Port for BYPASS during
> scanning and re-entry to tuning with the
> application of RF. A specific RS-232 signal line
> and simple interface is used for ATU bypass and
> ATU RF tuning signal can be setup prior to ALE
> data being sent. At some point, time permitting,
> more of the ATU support found in MARS-ALE may migrate to PC-ALE.
>
> /s/ Steve, N2CKH

5497. Re: [LDG-auto-tuners] Re: LDG Tuners and ALE (was New to the group and confused (AT-200 Pro II / PC)

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-10 11:58:22 UTC
From: N2CKH
Topic: 5490 Message: 5497

Hi Rick,

It's all relative, so unless you have an antenna that is not providing a relative signal on RX across the board, it works as it should. Most ALE stations make use of "so called" broadband antenna systems, where the random wire is often used, some designs are poor on RX but pretty equal across the board, no dead spot anywhere on RX as there would be with a loaded antenna way off resonance. The use of multi-band resonant antenna systems work fine as long as their use is on band where they are resonant and the harmonics.

/s/ Steve, N2CKH

At 11:51 PM 7/9/2012, you wrote:
>
>
>Good evening, Steve.
>
>I suppose that could work somewhat, but one of the objectives of ALE
>is to find the best frequency to use at a given time, not just to
>find one frequency that will work. If your antenna is seriously
>mismatched to your receiver, the perceived signal strength will be
>much less even for a frequency that would otherwise be optimum,
>unless the entenna just happens to be tuned for that frequency. So I
>don't see how you can use ALE to its full advantage unless your
>antenna can track your receiver as well as your transmitter.
>
>Rick WA1RKT

5498. Re: LDG Tuners and ALE (was New to the group and confused (AT-200 Pro II / PC)

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-10 13:45:04 UTC
From: yg@internetsmallfry.com
Topic: 5490 Message: 5498

Right, that's my point. An antenna that is resonant for one point in the band (and even a random wire is "resonant" somewhere) will not provide a relative signal all across the band, meaning that a given signal strength at the resonant point will result in a higher "S" meter reading than the same signal strength at an off-resonant point. This also assumes that at resonance the antenna is a reasonable impedance match.

Currently I use a tilted-terminated-folded-dipole (T2FD), the B&W type (though it is not a B&W), otherwise known as a "radiating dummy load", for ALE on the Civil Air Patrol HF nets using a Micom radio. I wouldn't be using it at all if it wasn't given to me (actually "loaned" to me) by CAP... certainly I wouldn't have spent $300 of my own money on anything like that. It works about as well as can be expected from something so inefficient, and does provide a reasonable match across the band. Actually, though, it suffers somewhat from the same kind of problem as a non-resonant antenna or random wire... its inefficiency (or "loss" vs gain) varies widely across the band and so it also doesn't really provide a relative signal across all the band, although it is probably closer than a resonant antenna or random wire.

Like I said, it's good to know the AT-200PC is designed for ALE. I'll try that and see how it works.

Rick WA1RKT

--- In LDG-auto-tuners@yahoogroups.com, N2CKH <n2ckh@...> wrote:
>
>
> Hi Rick,
>
> It's all relative, so unless you have an antenna that is not
> providing a relative signal on RX across the board, it works as it
> should. Most ALE stations make use of "so called" broadband antenna
> systems, where the random wire is often used, some designs are poor
> on RX but pretty equal across the board, no dead spot anywhere on
> RX as there would be with a loaded antenna way off resonance. The use
> of multi-band resonant antenna systems work fine as long as their use
> is on band where they are resonant and the harmonics.
>
> /s/ Steve, N2CKH

5499. Re: LDG Tuners and ALE (was New to the group and confused (AT-200 Pro II / PC)

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-10 14:17:30 UTC
From: Bob
Topic: 5490 Message: 5499

Rick,

> I suppose that could work somewhat, but one of the objectives of ALE
is to find the best frequency to use at a given time, not just to find
one frequency that will work. If your antenna is seriously mismatched
to your receiver, the perceived signal strength will be much less even
for a frequency that would otherwise be optimum, unless the entenna just
happens to be tuned for that frequency. So I don't see how you can use
ALE to its full advantage unless your antenna can track your receiver as
well as your transmitter.
>
> Rick WA1RKT

I'll second what Steve said about the broadband antenna. I am in the
process of constructing a terminated fan antenna which is very
broadbanded from 1.8 to 30 MHz. It's a bit of a beast that covers 0.4 of
an acre without the support ropes, 1.21 acres with the support ropes,
and has 987 feet of wire and six 600Î© 200W, wire wound, non
inductive resistors. As you can see, all of that results in an antenna
with a SWR curve is very flat
70 foot height
UXO terminated fan
Radiation
Frequency dB Gain Angle SWR
2.00 0.36 90 1.40
2.20 1.22 90 1.27
2.50 2.21 90 1.22
2.67 2.63 90 1.23
3.00 3.22 90 1.27
3.50 3.70 75 1.28
4.00 3.99 58 1.24
4.50 4.24 50 1.15
5.00 4.38 44 1.03
5.50 4.34 39 1.12
6.00 4.20 34 1.31
6.20 4.14 33 1.39
6.50 4.08 31 1.53
7.00 4.69 29 1.78
7.30 5.10 28 1.95
7.50 5.30 28 2.08
8.00 5.76 24 2.59
8.20 6.18 23 2.75
8.50 5.45 25 2.22
9.00 5.57 23 1.60

9.50 3.49 22 1.40
10.00 3.94 19 1.38
15.00 6.32 13 1.06
Hopefully, I will have the antenna in the air this weekend, and, if I can find and fix the problem with the LDG tuners, I will be working ALE next week. Your concern about the mechanical relays would be valid without a broadband antenna. I would love to see LDG or someone else design and build an external tuner for ALE that did not use mechanical relays and could keep up with switching rate of 10 to 20 times a second.

For now that is just a pipe dream because it is such a limited market. So limited in fact that LDG no longer makes or markets the AT-200-PC. However, when the tri-service MARS organization finally dictates that ALE will be the primary mode, the market should entice LDG or a competitor to produce a robust, non mechanical tuner.

73s de Bob NT0A

[Non-text portions of this message have been removed]

5500. Re: LDG Tuners and ALE (was New to the group and confused (AT-200 Pro II / PC)

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-10 14:25:44 UTC
From: Bob
Topic: 5490 Message: 5500

I don't know why the font and spacing formatting was lost in the table,
but I hope that you can still decipher it.

Bob NT0A

[Non-text portions of this message have been removed]

5501. Re: LDG Tuners and ALE (was New to the group and confused (AT-200 Pro II / PC)

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-10 14:59:31 UTC
From: yg@internetsmallfry.com
Topic: 5490 Message: 5501

I didn't realize the AT-200PC had been discontinued <grumble> <moan> <#$@^%>. Guess I'll have to try to find one on ebay unless LDG has a few leftovers (Dwayne?).

MARS + CAP together aren't likely to represent enough of a market to provide an adequate incentive, especially since those services (CAP definitely, and MARS too even if it's not yet being universally enforced) are required to use NTIA-compliant radios of which there are few if any in the amateur service. CAP has a more or less "official" HF ALE package consisting of a Micom radio and Yaesu T2FD (B&W equivalent). For each CAP wing that needs HF capability (which is pretty much all of them), that's what they get. Getting that changed to make the AT-200PC (or equivalent) part of the officially-approved package probably will not happen in most of our lifetimes even if it is shown to be a great idea. Also, last I looked, PC-ALE was specifically disapproved for use on the CAP HF network, which may or may not still be the case (haven't looked in a couple of years or more).

Rick WA1RKT

--- In LDG-auto-tuners@yahoogroups.com, "Bob" <nt0a@...> wrote:
>
> <snip>
>
> For now that is just a pipe dream because it is such a limited
> market. So limited in fact that LDG no longer makes or markets the
> AT-200-PC. However, when the tri-service MARS organization finally
> dictates that ALE will be the primary mode, the market should
> entice LDG or a competitor to produce a robust, non mechanical
> tuner.
>
> 73s de Bob NT0A

5502. Re: LDG Tuners and ALE (was New to the group and confused (AT-200 Pro II / PC)

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-10 15:02:48 UTC
From: Dwayne
Topic: 5490 Message: 5502

Hi Bob,

We do not have any plans for a relay-less tuner. We did make one some time back. However, the market is not nearly big enough (as you said) and the cost would be "very" prohibitive. Unfortunately, the ALE market was not even large enough to sustain even the AT-200PC.

We finally ran out of the last of the AT-200PC units from www.cheapham.com, so that unit is only available on the used market.

Dwayne Kincaid
LDG

> Hopefully, I will have the antenna in the air this weekend, and, if I
> can find and fix the problem with the LDG tuners, I will be working ALE
> next week. Your concern about the mechanical relays would be valid
> without a broadband antenna. I would love to see LDG or someone else
> design and build an external tuner for ALE that did not use mechanical
> relays and could keep up with switching rate of 10 to 20 times a second.
>
> For now that is just a pipe dream because it is such a limited market.
> So limited in fact that LDG no longer makes or markets the AT-200-PC.
> However, when the tri-service MARS organization finally dictates that
> ALE will be the primary mode, the market should entice LDG or a
> competitor to produce a robust, non mechanical tuner.
>
> 73s de Bob NT0A
>

5503. Re: [LDG-auto-tuners] Re: LDG Tuners and ALE (was New to the group and confused (AT-200 Pro II / PC)

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-10 20:21:18 UTC
From: N2CKH
Topic: 5490 Message: 5503

Hi Rick,

As this is an ATU forum a better forum to discuss broader ALE related matters would be
http://groups.yahoo.com/group/MARS_ALE_RADIO_SYSTEMS/ or
http://groups.yahoo.com/group/MARS-ALE/ for those qualified to join.

However, NTIA radio certification does NOT apply to MARS.

The CAP at present is ALE hardware based only and supplying said hardware in limited quantities as I understand it.

The various organizations providing AUX functions such as MARS, CAP, USCGAUX that apply ALE have different rules and functions, however all make use of hardware ALE, but MARS does not provide equipments to its members any more, in the past there was a surplus program, its long gone, as such most MARS members use MARS-ALE for their ALE capability, even most of those with hardware ALE use MARS-ALE as well and in combination.

By the way, LDG should have received an award for designing the AT-200PC, it stands to this day the most feature rich, versatile and least expensive ATU brought to market for remote control applications in a stand alone or OEM configuration in my opinion.

/s/ Steve, N2CKH

At 10:59 AM 7/10/2012, you wrote:
>
>I didn't realize the AT-200PC had been discontinued <grumble> <moan>
><#$@^%>. Guess I'll have to try to find one on ebay unless LDG has a
>few leftovers (Dwayne?).
>
>MARS + CAP together aren't likely to represent enough of a market to
>provide an adequate incentive, especially since those services (CAP
>definitely, and MARS too even if it's not yet being universally
>enforced) are required to use NTIA-compliant radios of which there
>are few if any in the amateur service. CAP has a more or less
>"official" HF ALE package consisting of a Micom radio and Yaesu T2FD
>(B&W equivalent). For each CAP wing that needs HF capability (which
>is pretty much all of them), that's what they get. Getting that
>changed to make the AT-200PC (or equivalent) part of the
>officially-approved package probably will not happen in most of our
>lifetimes even if it is shown to be a great idea. Also, last I
>looked, PC-ALE was specifically disapproved for use on the CAP HF

>network, which may or may not still be the case (haven't looked in a
>couple of years or more).
>
>Rick WA1RKT

5504. Re: New to the group and confused (AT-200 Pro II / PC)

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-10 21:23:34 UTC
From: Bob
Topic: 5490 Message: 5504

Dwayne,

> We do not have any plans for a relay-less tuner. We did make one some time back. However, the market is not nearly big enough (as you said) and the cost would be "very" prohibitive. Unfortunately, the ALE market was not even large enough to sustain even the AT-200PC.
>
> We finally ran out of the last of the AT-200PC units from www.cheapham.com, so that unit is only available on the used market.

Yeah, them thar pin diodes and related circuits get expensive, especially when the power goes up. I was looking to put a QSK mod into an older tube amplifier, but the price of the components convinced me that I should just wait until after I collect on the lottery.

[Non-text portions of this message have been removed]

5505. AT1000Pro DC power

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-11 01:48:02 UTC
From: Michael Walker
Topic: 5505 Message: 5505

Is there anyway to have the AT1000 Pro in bypass mode when DC power is removed?

I'm using my AT1000 on my remote base, and at the moment, if I remove DC power to turn it off, there is no RF path to the antenna.

Mike va3mw

[Non-text portions of this message have been removed]

5506. Re: AT1000Pro DC power

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-11 01:56:57 UTC
From: Dwayne
Topic: 5505 Message: 5506

Mike,

Maybe put the antenna on the other Antenna port on the back of the tuner.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, Michael Walker <va3mw@...> wrote:
>
> Is there anyway to have the AT1000 Pro in bypass mode when DC power is
> removed?
>
> I'm using my AT1000 on my remote base, and at the moment, if I remove DC
> power to turn it off, there is no RF path to the antenna.
>
> Mike va3mw
>
>
> [Non-text portions of this message have been removed]
>

5507. Running 2x YT-450 Possible?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-10 21:57:12 UTC
From: Mike Parker
Topic: 5507 Message: 5507

Hi,

This is a bit of a sad question "sad" as in oh dear I have finally lost it. I like the idea of the rig-specific tuner for the FT-950, but I would like to tune 2 antennas.... can't believe I am asking this.... hem...

If I was to buy 2 YT-450 tuners, and pugged the RS232 lead into the radio and then into the "radio" socket on the tuner, could I then plug the 2nd YF-450 unit into the computer socket of the 1st and into the "radio" port of the 2nd i.e. a daisy chain.

The thinking is that it would pass through the computer port straight into the other tuner?

So:

FT950---YT-450---YT450.

Ideas?

Mike
M0SAZ

5508. Re: Running 2x YT-450 Possible?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-11 01:59:49 UTC
From: Dwayne
Topic: 5507 Message: 5508

Mike,

I think that is outlined on page 17 of the YT-450 manual.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "Mike Parker" <michael@...> wrote:
>
> Hi,
>
> This is a bit of a sad question "sad" as in oh dear I have finally lost it. I like the idea of the rig-specific tuner for the FT-950, but I would like to tune 2 antennas.... can't believe I am asking this.... hem...
>
> If I was to buy 2 YT-450 tuners, and pugged the RS232 lead into the radio and then into the "radio" socket on the tuner, could I then plug the 2nd YF-450 unit into the computer socket of the 1st and into the "radio" port of the 2nd i.e. a daisy chain.
>
> The thinking is that it would pass through the computer port straight into the other tuner?
>
> So:
>
> FT950---YT-450---YT450.
>
> Ideas?
>
> Mike
> M0SAZ
>

5509. LCD ATA.100 Extreme remoting

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-11 08:14:06 UTC
From: Giuseppe Marullo
Topic: 5509 Message: 5509

Hi all,
I am thinking of completely remote my station, and I would like to add the ability to somewhat operate the tuner remotely.
I think that antenna switch and manual tuning button is what I need, but I am asking to the list what I might need more.

I have a total of 7 relays, the first operates mains power for both the computer and the radio(killswitch!), the others can be operated by the pc using the serial port and/or by SMS messages.

How could I safely connect the buttons to the relay unit avoiding RFI and such? Would a shielded cable with two wires suffice? The unit is within 1meter maximum from the tuner.

TIA

Giuseppe Marullo
IW2JWW

PS: here comes the unit:
http://www.ebay.it/itm/7-Switch-GSM-Remote-Control-Relay-Quad-Band-/200525147857?pt=Home_Automation_Controls_Touchscreens&hash=item2eb03aeed1

5510. Re: [LDG-auto-tuners] LCD ATA.100 Extreme remoting

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-11 08:18:34 UTC
From: Giuseppe Marullo
Topic: 5509 Message: 5510

I was meant to say LDG Ata-100 Pro, sorry.

5511. Re: Running 2x YT-450 Possible?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-11 10:22:25 UTC
From: Mike Parker
Topic: 5507 Message: 5511

Hi Dwayne,

Thanks very much. I have just ordered 2x YT-450s and an additional power cable. I noticed the tuner does not do fully automatic mode, but
does semi. Does that have to be done via the tune button on the YT-450 or can a carrier activate a memory tune?

Just so I know.

73

Mike
M0SAZ

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
> Mike,
>
> I think that is outlined on page 17 of the YT-450 manual.
>
> Dwayne Kincaid
> LDG
>
> --- In LDG-auto-tuners@yahoogroups.com, "Mike Parker" <michael@> wrote:
> >
> > Hi,
> >
> > This is a bit of a sad question "sad" as in oh dear I have finally lost it. I like the idea of the rig-specific tuner for the FT-950, but I would like to tune 2 antennas.... can't believe I am asking this.... hem...
> >
> > If I was to buy 2 YT-450 tuners, and pugged the RS232 lead into the radio and then into the "radio" socket on the tuner, could I then plug the 2nd YF-450 unit into the computer socket of the 1st and into the "radio" port of the 2nd i.e. a daisy chain.
> >
> > The thinking is that it would pass through the computer port straight into the other tuner?
> >
> > So:
> >
> > FT950---YT-450---YT450.
> >
> > Ideas?
> >
> > Mike
> > M0SAZ

> >
>

5512. Re: Running 2x YT-450 Possible?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-11 16:31:45 UTC
From: Dwayne
Topic: 5507 Message: 5512

Mike,

For the YT-450, you must press the tune button on the tuner.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "Mike Parker" <michael@...> wrote:
>
> Hi Dwayne,
>
> Thanks very much. I have just ordered 2x YT-450s and an additional power cable. I noticed the tuner does not do fully automatic mode, but
> does semi. Does that have to be done via the tune button on the YT-450 or can a carrier activate a memory tune?
>
> Just so I know.
>
> 73
>
> Mike
> M0SAZ
>
> --- In LDG-auto-tuners@...m, "Dwayne" <ldgyahoo@> wrote:
> >
> > Mike,
> >
> > I think that is outlined on page 17 of the YT-450 manual.
> >
> > Dwayne Kincaid
> > LDG
> >
> > --- In LDG-auto-tuners@yahoogroups.com, "Mike Parker" <michael@> wrote:
> > >
> > > Hi,
> > >
> > > This is a bit of a sad question "sad" as in oh dear I have finally lost it. I like the idea of the rig-specific tuner for the FT-950, but I would like to tune 2 antennas.... can't believe I am asking this.... hem...
> > >
> > > If I was to buy 2 YT-450 tuners, and pugged the RS232 lead into the radio and then into the "radio" socket on the tuner, could I then plug the 2nd YF-450 unit into the computer socket of the 1st and into the "radio" port of the 2nd i.e. a daisy chain.
> > >
> > > The thinking is that it would pass through the computer port straight into the other tuner?

> > >
> > > So:
> > >
> > > FT950---YT-450---YT450.
> > >
> > > Ideas?
> > >
> > > Mike
> > > M0SAZ
> > >
> >
>

5513. Re: Running 2x YT-450 Possible?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-11 18:11:26 UTC
From: Mike Parker
Topic: 5507 Message: 5513

Thanks Dwayne, good stuff. Not having all the RF sensing bits in there has an advantage that one won't set the other off I guess. I will do a video and images of the tuner stack when they arrive - there isn't as much on the web as there is of other LDG tuners.

73,

Mike
M0SAZ

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
> Mike,
>
> For the YT-450, you must press the tune button on the tuner.
>
> Dwayne Kincaid
> LDG
>
> --- In LDG-auto-tuners@yahoogroups.com, "Mike Parker" <michael@> wrote:
> >
> > Hi Dwayne,
> >
> > Thanks very much. I have just ordered 2x YT-450s and an additional power cable. I noticed the tuner does not do fully automatic mode, but
> > does semi. Does that have to be done via the tune button on the YT-450 or can a carrier activate a memory tune?
> >
> > Just so I know.
> >
> > 73
> >
> > Mike
> > M0SAZ
> >
> > --- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@> wrote:
> > >
> > > Mike,
> > >
> > > I think that is outlined on page 17 of the YT-450 manual.
> > >
> > > Dwayne Kincaid
> > > LDG
> > >
> > > --- In LDG-auto-tuners@yahoogroups.com, "Mike Parker" <michael@> wrote:
> > > >
> > > > Hi,

> > > >
> > > > This is a bit of a sad question "sad" as in oh dear I have finally lost it. I like the idea of the rig-specific tuner for the FT-950, but I would like to tune 2 antennas.... can't believe I am asking this.... hem...
> > > >
> > > > If I was to buy 2 YT-450 tuners, and pugged the RS232 lead into the radio and then into the "radio" socket on the tuner, could I then plug the 2nd YF-450 unit into the computer socket of the 1st and into the "radio" port of the 2nd i.e. a daisy chain.
> > > >
> > > > The thinking is that it would pass through the computer port straight into the other tuner?
> > > >
> > > > So:
> > > >
> > > > FT950---YT-450---YT450.
> > > >
> > > > Ideas?
> > > >
> > > > Mike
> > > > M0SAZ
> > > >
> > >
> >
>

5514. Re: Tuning with an AT-600Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-11 23:06:17 UTC
From: ei8kf
Topic: 5479 Message: 5514

Hi,

Thanks for your reply Jimmy. I had it set at 2.0:1 but I set it to 1.5:1 and tuned up on 21.300. It managed to settle at 1.58:1 but again I was able to manually tune it lower. It seems kinda pointless having this feature as if I set the threshold lower the tuner will occasionally kick off the tuning cycle during a QSO and, as I illustrated above, despite setting the threshold lower I was still able to manually tune lower. I think I may revert to my trusty Palstar manual tuner!

Andrew

--- In LDG-auto-tuners@yahoogroups.com, "Jimmy \(WB8NBI\)" <wb8nbi@...> wrote:
>
> What do you have your threshold at?
> The lower you set it the lower SWR it will match to but takes longer.
>
> DE Jimmy (WB8NBI)
>
> From: ei8kf
> Sent: Thursday, July 05, 2012 3:11 PM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: [LDG-auto-tuners] Tuning with an AT-600Pro
>
>
> I recently invested in a AT-600Pro tuner and overall I'm pretty happy with the tuner. I do have a question about its use when tuning... I find that I can usually tune to a lower SWR manually after the tuner has found a match but why doesn't the tuner find this lower SWR setting when it's going through the tuning phase??
>
> Andrew
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

5515. Re: [LDG-auto-tuners] Re: Tuning with an AT-600Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-12 00:04:00 UTC
From: Jimmy (WB8NBI)
Topic: 5479 Message: 5515

I keep mine set to 1.5 witch my TS-590 likes just fine and gives full power. But mine AT-600 will tune lower than 1.5 by its self.

DE Jimmy (WB8NBI)

From: ei8kf
Sent: Wednesday, July 11, 2012 7:06 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: Tuning with an AT-600Pro

Hi,

Thanks for your reply Jimmy. I had it set at 2.0:1 but I set it to 1.5:1 and tuned up on 21.300. It managed to settle at 1.58:1 but again I was able to manually tune it lower. It seems kinda pointless having this feature as if I set the threshold lower the tuner will occasionally kick off the tuning cycle during a QSO and, as I illustrated above, despite setting the threshold lower I was still able to manually tune lower. I think I may revert to my trusty Palstar manual tuner!

Andrew

--- In mailto:LDG-auto-tuners%40yahoogroups.com, "Jimmy \(WB8NBI\)" <wb8nbi@...> wrote:
>
> What do you have your threshold at?
> The lower you set it the lower SWR it will match to but takes longer.
>
> DE Jimmy (WB8NBI)
>
> From: ei8kf
> Sent: Thursday, July 05, 2012 3:11 PM
> To: mailto:LDG-auto-tuners%40yahoogroups.com
> Subject: [LDG-auto-tuners] Tuning with an AT-600Pro
>
>
> I recently invested in a AT-600Pro tuner and overall I'm pretty happy with the tuner. I do have a question about its use when tuning... I find that I can usually tune to a lower SWR manually after the tuner has found a match but why doesn't the tuner find this lower SWR setting when it's going through the tuning phase??
>
> Andrew
>
>
>
>
>
> [Non-text portions of this message have been removed]

>

[Non-text portions of this message have been removed]

5516. Re: Tuning with an AT-600Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-12 15:06:52 UTC
From: Dwayne
Topic: 5479 Message: 5516

Jimmy,

This is incorrect. The setting for the threshold is only for the starting threshold when in Auto mode. It has nothing to do with the final SWR.

The tuner always looks for the best match when it does a full tune, no matter what the starting threshold is set to.

All newer models have the minimum threshold range selectable between 1.7 and 3.0.

Dwayne Kincaid
LDG

> The lower you set it [the starting threshold] the lower SWR it will match to but takes longer.
>
> DE Jimmy (WB8NBI)

5517. Re: [LDG-auto-tuners] Re: Tuning with an AT-600Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-12 15:27:10 UTC
From: Jimmy (WB8NBI)
Topic: 5479 Message: 5517

Ok Dwayne I guess I thought wrong. 1.7 to 3 is what my AT-200Pro II does but my AT-600Pro will go lower it seems to start at 1.3 to 3 is this right?

DE Jimmy (WB8NBI)

From: Dwayne
Sent: Thursday, July 12, 2012 11:06 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: Tuning with an AT-600Pro

Jimmy,

This is incorrect. The setting for the threshold is only for the starting threshold when in Auto mode. It has nothing to do with the final SWR.

The tuner always looks for the best match when it does a full tune, no matter what the starting threshold is set to.

All newer models have the minimum threshold range selectable between 1.7 and 3.0.

Dwayne Kincaid
LDG

> The lower you set it [the starting threshold] the lower SWR it will match to but takes longer.
>
> DE Jimmy (WB8NBI)

[Non-text portions of this message have been removed]

5518. Re: Running 2x YT-450 Possible?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-12 23:56:48 UTC
From: Mike Parker
Topic: 5507 Message: 5518

Dwayne,

Thanks for your help. The YT-450's are working great. I am very happy with them. Here's a picture of the shack now with the updated Tuners. I still have my Z-11Pro II (in picture) and Z-817H too.

http://lrgsoftware.com/mike/m0saz.jpg

Mike
M0SAZ

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
> Mike,
>
> For the YT-450, you must press the tune button on the tuner.
>
> Dwayne Kincaid
> LDG
>

5519. Re: Tuning with an AT-600Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-13 12:12:41 UTC
From: Mike Parker
Topic: 5479 Message: 5519

Jimmy, the threshold isn't what the tuner will go down to - it will always try and tune as low as possible, its just the maximum you wish the SWR to be before the tuner initiates an auto tune.

Say you had a really badly resonant antenna and the ATU could only bring the SWR down to 2. If the threshold is set to 1.7, every time you transmit, the tuner will initiate a tune.

To stop this you could bring the threshold up to say, 2.5 then the tuner will sit still when you are transmitting at 2.0 SWR.

73
Mike
M0SAZ

--- In LDG-auto-tuners@yahoogroups.com, "Jimmy \(WB8NBI\)" <wb8nbi@...> wrote:
>
> Ok Dwayne I guess I thought wrong. 1.7 to 3 is what my AT-200Pro II does but my AT-600Pro will go lower it seems to start at 1.3 to 3 is this right?
>
> DE Jimmy (WB8NBI)
>
> From: Dwayne
> Sent: Thursday, July 12, 2012 11:06 AM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: [LDG-auto-tuners] Re: Tuning with an AT-600Pro
>
>
> Jimmy,
>
> This is incorrect. The setting for the threshold is only for the starting threshold when in Auto mode. It has nothing to do with the final SWR.
>
> The tuner always looks for the best match when it does a full tune, no matter what the starting threshold is set to.
>
> All newer models have the minimum threshold range selectable between 1.7 and 3.0.
>
> Dwayne Kincaid
> LDG
>
> > The lower you set it [the starting threshold] the lower SWR it will match to but takes longer.
> >
> > DE Jimmy (WB8NBI)
>
>

>
>
>
>
> [Non-text portions of this message have been removed]
>

5520. Re: [LDG-auto-tuners] Re: Tuning with an AT-600Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-13 14:21:00 UTC
From: Jimmy (WB8NBI)
Topic: 5479 Message: 5520

Ok thanks Dwayne.

DE Jimmy (WB8NBI)

From: Mike Parker
Sent: Friday, July 13, 2012 8:12 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: Tuning with an AT-600Pro

Jimmy, the threshold isn't what the tuner will go down to - it will always try and tune as low as possible, its just the maximum you wish the SWR to be before the tuner initiates an auto tune.

Say you had a really badly resonant antenna and the ATU could only bring the SWR down to 2. If the threshold is set to 1.7, every time you transmit, the tuner will initiate a tune.

To stop this you could bring the threshold up to say, 2.5 then the tuner will sit still when you are transmitting at 2.0 SWR.

73
Mike
M0SAZ

--- In mailto:LDG-auto-tuners%40yahoogroups.com, "Jimmy \(WB8NBI\)" <wb8nbi@...> wrote:
>
> Ok Dwayne I guess I thought wrong. 1.7 to 3 is what my AT-200Pro II does but my AT-600Pro will go lower it seems to start at 1.3 to 3 is this right?
>
> DE Jimmy (WB8NBI)
>
> From: Dwayne
> Sent: Thursday, July 12, 2012 11:06 AM
> To: mailto:LDG-auto-tuners%40yahoogroups.com
> Subject: [LDG-auto-tuners] Re: Tuning with an AT-600Pro
>
>
> Jimmy,
>
> This is incorrect. The setting for the threshold is only for the starting threshold when in Auto mode. It has nothing to do with the final SWR.
>
> The tuner always looks for the best match when it does a full tune, no matter what the starting threshold is set to.
>
> All newer models have the minimum threshold range selectable between 1.7 and 3.0.
>
> Dwayne Kincaid

> LDG
>
> > The lower you set it [the starting threshold] the lower SWR it will match to but takes longer.
> >
> > DE Jimmy (WB8NBI)
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

5523. Gomennasai = AT-200-PC Operator Error

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-14 13:35:20 UTC
From: Bob
Topic: 5490 Message: 5523

I have been conducting a direct email discussion with LDG on the problems with my AT-2 Pro II, and performed some specific test at their request non of which were successful. I was advised that I should return the unit to LDG for testing and warranty repair. I replied that I wanted to do some additional testing to ensure that "stray" RF was not getting into the unit. Here is the last email that I sent to LDG:

>> Thought you would like to know the results of some further testing.
>> The first result is that there is no problem with RFI or a common
>> mode RF problem. Before I tell you the rest of the results I must
>> bow deeply and say, "gomennasai."

>> There's not a damn thing wrong with the AT-200 Pro II other than
>> the fool who bought it from www.CheapHam.com. I did not allow
>> the unit to crank away long enough to match the antenna to the
>> transmitter. As long as I let it "ka-chink, ka chink" long enough,
>> it will tune any HF frequency to my 80m dipole that I desire, even
>> the MARS frequencies that are not even close to a harmonic of 80m.

>> On page 24 the manual states:

>> >> Thus, it may take several seconds before all relay combinations
>> >> are exhausted, in the case of a difficult tune.

>> Several seconds to me is 3 to 4 seconds. I did not anticipate that it
>> might have to "ka-chink, ka chink" for almost as long as it takes me
>> to tune up my home brew Ultimate Transmatch (QST JUL 1970).
>> Again I apologize for wasting your time, but I also want to say
>> thanks for taking the time for working with a terribly retarded
>> mental yo-yo.

>> Regards,

>> Bob Wilson NT0A

Obviously I need to also bow deeply before this group and say, "gomennasai" and beg forgiveness for wasting everyone's valuable time.

Bob Wilson NT0A / TRMY (Terribly Retarded Mental Yo-yo)

[Non-text portions of this message have been removed]

5524. LDG 600 pro one month old problem

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-14 16:44:13 UTC
From: sarmeros
Topic: 5524 Message: 5524

Hello Al, purchased an LDG 600 pro auto tuner less than 30 days ago and had the following problem. My conditions were as follows.
Using the ts 590 connected directly to the tuner with 100 watts and into a 50 ohm dummy load, before connecting to an antenna.
The pwr switch turned on propery and the ant 2 confirmed tuner setup.
I started checking all bands from 1.8 thru 21mhz and the ant tuned properly with the threshold at 2.0.swr.
When I got to 24.9, the bypass lite turned on and and the tuner would no longer respond and locked up.

Removed the dc pwr and reconnected and the bypass lite would not turn of. Pushing the pwr switch of and on I could not hear the relay click on and off and the bypass lite would not go off. Momentarly pushing the tune button would not turn the bypass lite of either.
The unit was sent in for repair to LDG and the tech reported no faults with the unit.

Thank you LDG for the fast turn around, received the unit yesterday and went thru the same testing and when I got to 24.9 it locked up agn just like before. Any help would be appreciated with regard to my problem with this tuner.

Steve
N4PIQ

5525. Re: LDG 600 pro one month old problem

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-14 19:50:09 UTC
From: Daniel
Topic: 5524 Message: 5525

Are you reducing power when you change frequencies and retune?

If your radio isn't automatically doing it, like Icom with the
special cable, you're supposed to.

Dan

--- In LDG-auto-tuners@yahoogroups.com, "sarmeros" <sarmeros@...> wrote:
>
> Hello Al, purchased an LDG 600 pro auto tuner less than 30 days ago and had the following problem. My conditions were as follows.
> Using the ts 590 connected directly to the tuner with 100 watts and into a 50 ohm dummy load, before connecting to an antenna.
> The pwr switch turned on propery and the ant 2 confirmed tuner setup.
> I started checking all bands from 1.8 thru 21mhz and the ant tuned properly with the threshold at 2.0.swr.
> When I got to 24.9, the bypass lite turned on and and the tuner would no longer respond and locked up.
>
> Removed the dc pwr and reconnected and the bypass lite would not turn of. Pushing the pwr switch of and on I could not hear the relay click on and off and the bypass lite would not go off. Momentarly pushing the tune button would not turn the bypass lite of either.
> The unit was sent in for repair to LDG and the tech reported no faults with the unit.
>
> Thank you LDG for the fast turn around, received the unit yesterday and went thru the same testing and when I got to 24.9 it locked up agn just like before. Any help would be appreciated with regard to my problem with this tuner.
>
>
> Steve
> N4PIQ
>

5526. Re: LDG 600 pro one month old problem

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-14 21:30:00 UTC
From: sarmeros
Topic: 5524 Message: 5526

Tnks Dan
Well the tuner is locked up and can't do nothing right now. Nothing works. No matter what I do. Did it when I got it, Is doing it after I got it back fron LDG. Tech says he could not duplicate the problem.

--- In LDG-auto-tuners@yahoogroups.com, "Daniel" <foreveraccount@...> wrote:
>
>
> Are you reducing power when you change frequencies and retune?
>
> If your radio isn't automatically doing it, like Icom with the
> special cable, you're supposed to.
>
> Dan
>
>
>
>
>
>
>
>
> --- In LDG-auto-tuners@yahoogroups.com, "sarmeros" <sarmeros@> wrote:
> >
> > Hello Al, purchased an LDG 600 pro auto tuner less than 30 days ago and had the following problem. My conditions were as follows.
> > Using the ts 590 connected directly to the tuner with 100 watts and into a 50 ohm dummy load, before connecting to an antenna.
> > The pwr switch turned on propery and the ant 2 confirmed tuner setup.
> > I started checking all bands from 1.8 thru 21mhz and the ant tuned properly with the threshold at 2.0.swr.
> > When I got to 24.9, the bypass lite turned on and and the tuner would no longer respond and locked up.
> >
> > Removed the dc pwr and reconnected and the bypass lite would not turn of. Pushing the pwr switch of and on I could not hear the relay click on and off and the bypass lite would not go off. Momentarly pushing the tune button would not turn the bypass lite of either.
> > The unit was sent in for repair to LDG and the tech reported no faults with the unit.
> >
> > Thank you LDG for the fast turn around, received the unit yesterday and went thru the same testing and when I got to 24.9 it locked up agn just like before. Any help would be appreciated with regard to my problem with this tuner.
> >
> >
> > Steve

> > N4PIQ
> >
>

5527. Re: [LDG-auto-tuners] Re: LDG 600 pro one month old problem

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-14 21:33:28 UTC
From: joe_aj3o@yahoo.com
Topic: 5524 Message: 5527

Is it possible the tuner thinks the antenna is tuned and not needed?

Sent from my Motorola Smartphone on the Now Network from Sprint!

-----Original message-----
From: sarmeros <sarmeros@...>
To: LDG-auto-tuners@yahoogroups.com
Sent: Sat, Jul 14, 2012 17:30:15 EDT
Subject: [LDG-auto-tuners] Re: LDG 600 pro one month old problem

Tnks Dan
Well the tuner is locked up and can't do nothing right now. Nothing works.
No matter what I do. Did it when I got it, Is doing it after I got it back
fron LDG. Tech says he could not duplicate the problem.

--- In LDG-auto-tuners@yahoogroups.com, "Daniel" <foreveraccount@...> wrote:
>
>
> Are you reducing power when you change frequencies and retune?
>
> If your radio isn't automatically doing it, like Icom with the
> special cable, you're supposed to.
>
> Dan
>
>
>
>
>
>
>
>
>
> --- In LDG-auto-tuners@yahoogroups.com, "sarmeros" <sarmeros@> wrote:
> >
> > Hello Al, purchased an LDG 600 pro auto tuner less than 30 days ago and
had the following problem. My conditions were as follows.
> > Using the ts 590 connected directly to the tuner with 100 watts and into
a 50 ohm dummy load, before connecting to an antenna.
> > The pwr switch turned on propery and the ant 2 confirmed tuner setup.
> > I started checking all bands from 1.8 thru 21mhz and the ant tuned
properly with the threshold at 2.0.swr.
> > When I got to 24.9, the bypass lite turned on and and the tuner would no
longer respond and locked up.
> >
> > Removed the dc pwr and reconnected and the bypass lite would not turn
of. Pushing the pwr switch of and on I could not hear the relay click on

and off and the bypass lite would not go off. Momentarly pushing the tune button would not turn the bypass lite of either.
> > The unit was sent in f

[Non-text portions of this message have been removed]

5528. Re: LDG 600 pro one month old problem

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-14 21:54:10 UTC
From: sarmeros
Topic: 5524 Message: 5528

Tnks

Keep in mind that I am going from the TS 590 into the tuner direct into a dummy load...

--- In LDG-auto-tuners@yahoogroups.com, "joe_aj3o@..." <joe_aj3o@...> wrote:
>
> Is it possible the tuner thinks the antenna is tuned and not needed?
>
> Sent from my Motorola Smartphone on the Now Network from Sprint!
>
> -----Original message-----
> From: sarmeros <sarmeros@...>
> To: LDG-auto-tuners@yahoogroups.com
> Sent: Sat, Jul 14, 2012 17:30:15 EDT
> Subject: [LDG-auto-tuners] Re: LDG 600 pro one month old problem
>
>
>
> Tnks Dan
> Well the tuner is locked up and can't do nothing right now. Nothing works.
> No matter what I do. Did it when I got it, Is doing it after I got it back
> fron LDG. Tech says he could not duplicate the problem.
>
>
>
> --- In LDG-auto-tuners@yahoogroups.com, "Daniel" <foreveraccount@> wrote:
> >
> >
> > Are you reducing power when you change frequencies and retune?
> >
> > If your radio isn't automatically doing it, like Icom with the
> > special cable, you're supposed to.
> >
> > Dan
> >
> >
> >
> >
> >
> >
> >
> >
> > --- In LDG-auto-tuners@yahoogroups.com, "sarmeros" <sarmeros@> wrote:
> > >
> > > Hello Al, purchased an LDG 600 pro auto tuner less than 30 days ago and

> had the following problem. My conditions were as follows.
> > > Using the ts 590 connected directly to the tuner with 100 watts and into
> a 50 ohm dummy load, before connecting to an antenna.
> > > The pwr switch turned on propery and the ant 2 confirmed tuner setup.
> > > I started checking all bands from 1.8 thru 21mhz and the ant tuned
> properly with the threshold at 2.0.swr.
> > > When I got to 24.9, the bypass lite turned on and and the tuner would no
> longer respond and locked up.
> > >
> > > Removed the dc pwr and reconnected and the bypass lite would not turn
> of. Pushing the pwr switch of and on I could not hear the relay click on
> and off and the bypass lite would not go off. Momentarly pushing the tune
> button would not turn the bypass lite of either.
> > > The unit was sent in f
>
>
> [Non-text portions of this message have been removed]
>

5529. Re: [LDG-auto-tuners] Re: LDG 600 pro one month old problem

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-14 21:58:24 UTC
From: Joshua Mesilane
Topic: 5524 Message: 5529

One might ask the question, why are you trying to tune up a dummy load? If you're trying to "test" the tuner, then this isn't really a very accurate test. The best match to the dummy load is going to be with the tuner switched out. Unless you tell it to do a full tuning cycle it's always going to see a 1:1 match once it enters the bypass mode, and thus stay in bypass mode. It probably hasn't locked up, but has found the best "match", which would be, a dummy load.

Isn't the idea for a tuner to use it on a non-resonant antenna, what are you actually trying to achieve by running this test?

On Sun, Jul 15, 2012 at 7:54 AM, sarmeros <sarmeros@...> wrote:

> **
>
>
>
> Tnks
>
> Keep in mind that I am going from the TS 590 into the tuner direct into a
> dummy load...
>
>
> --- In LDG-auto-tuners@yahoogroups.com, "joe_aj3o@..." <joe_aj3o@...>
> wrote:
> >
> > Is it possible the tuner thinks the antenna is tuned and not needed?
> >
> > Sent from my Motorola Smartphone on the Now Network from Sprint!
> >
> > -----Original message-----
> > From: sarmeros <sarmeros@...>
> > To: LDG-auto-tuners@yahoogroups.com
> > Sent: Sat, Jul 14, 2012 17:30:15 EDT
> > Subject: [LDG-auto-tuners] Re: LDG 600 pro one month old problem
> >
> >
> >
> > Tnks Dan
> > Well the tuner is locked up and can't do nothing right now. Nothing
> works.
> > No matter what I do. Did it when I got it, Is doing it after I got it
> back
> > fron LDG. Tech says he could not duplicate the problem.
> >
> >

> >
> > --- In LDG-auto-tuners@yahoogroups.com, "Daniel" <foreveraccount@>
> wrote:
> > >
> > >
> > > Are you reducing power when you change frequencies and retune?
> > >
> > > If your radio isn't automatically doing it, like Icom with the
> > > special cable, you're supposed to.
> > >
> > > Dan
> > >
> > >
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> > >
> > >
> > >
> > >
> > >
> > > --- In LDG-auto-tuners@yahoogroups.com, "sarmeros" <sarmeros@> wrote:
> > > >
> > > > Hello Al, purchased an LDG 600 pro auto tuner less than 30 days ago
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> > had the following problem. My conditions were as follows.
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> > > > The pwr switch turned on propery and the ant 2 confirmed tuner setup.
> > > > I started checking all bands from 1.8 thru 21mhz and the ant tuned
> > properly with the threshold at 2.0.swr.
> > > > When I got to 24.9, the bypass lite turned on and and the tuner
> would no
> > longer respond and locked up.
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> > > > Removed the dc pwr and reconnected and the bypass lite would not
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> > of. Pushing the pwr switch of and on I could not hear the relay click on
> > and off and the bypass lite would not go off. Momentarly pushing the
> tune
> > button would not turn the bypass lite of either.
> > > > The unit was sent in f
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> >
> >
> >

--
VK3XJM
0416039082
josh@...
http://www.zindello.com.au/

[Non-text portions of this message have been removed]

5530. Re: [LDG-auto-tuners] Re: LDG 600 pro one month old problem

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-14 22:00:33 UTC
From: Joshua Mesilane
Topic: 5524 Message: 5530

Further to what I've just said, you've said it's locked up and useless, what I would suggest is it's more likely that it's found the perfect match, which logically would be in bypass mode (straight to the dummy load). Have you tried hooking it up to an antenna, applying some RF and seeing if it tries to re-tune?

On Sun, Jul 15, 2012 at 7:58 AM, Joshua Mesilane <josh@zindello.com.au>wrote:

> One might ask the question, why are you trying to tune up a dummy load? If
> you're trying to "test" the tuner, then this isn't really a very accurate
> test. The best match to the dummy load is going to be with the tuner
> switched out. Unless you tell it to do a full tuning cycle it's always
> going to see a 1:1 match once it enters the bypass mode, and thus stay in
> bypass mode. It probably hasn't locked up, but has found the best "match",
> which would be, a dummy load.
>
> Isn't the idea for a tuner to use it on a non-resonant antenna, what are
> you actually trying to achieve by running this test?
>
>
> On Sun, Jul 15, 2012 at 7:54 AM, sarmeros <sarmeros@...> wrote:
>
>> **
>>
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>>
>> Tnks
>>
>> Keep in mind that I am going from the TS 590 into the tuner direct into a
>> dummy load...
>>
>>
>> --- In LDG-auto-tuners@yahoogroups.com, "joe_aj3o@..." <joe_aj3o@...>
>> wrote:
>> >
>> > Is it possible the tuner thinks the antenna is tuned and not needed?
>> >
>> > Sent from my Motorola Smartphone on the Now Network from Sprint!
>> >
>> > -----Original message-----
>> > From: sarmeros <sarmeros@...>
>> > To: LDG-auto-tuners@yahoogroups.com
>> > Sent: Sat, Jul 14, 2012 17:30:15 EDT
>> > Subject: [LDG-auto-tuners] Re: LDG 600 pro one month old problem
>> >

>> >
>> >
>> > Tnks Dan
>> > Well the tuner is locked up and can't do nothing right now. Nothing
>> works.
>> > No matter what I do. Did it when I got it, Is doing it after I got it
>> back
>> > fron LDG. Tech says he could not duplicate the problem.
>> >
>> >
>> >
>> > --- In LDG-auto-tuners@yahoogroups.com, "Daniel" <foreveraccount@>
>> wrote:
>> > >
>> > >
>> > > Are you reducing power when you change frequencies and retune?
>> > >
>> > > If your radio isn't automatically doing it, like Icom with the
>> > > special cable, you're supposed to.
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>> > > Dan
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>> > >
>> > > --- In LDG-auto-tuners@yahoogroups.com, "sarmeros" <sarmeros@> wrote:
>> > > >
>> > > > Hello Al, purchased an LDG 600 pro auto tuner less than 30 days ago
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>> > had the following problem. My conditions were as follows.
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>> > a 50 ohm dummy load, before connecting to an antenna.
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>> > > > I started checking all bands from 1.8 thru 21mhz and the ant tuned
>> > properly with the threshold at 2.0.swr.
>> > > > When I got to 24.9, the bypass lite turned on and and the tuner
>> would no
>> > longer respond and locked up.
>> > > >
>> > > > Removed the dc pwr and reconnected and the bypass lite would not
>> turn
>> > of. Pushing the pwr switch of and on I could not hear the relay click
>> on
>> > and off and the bypass lite would not go off. Momentarly pushing the

>> tune
>> > button would not turn the bypass lite of either.
>> > > > The unit was sent in f
>> >
>> >
>> > [Non-text portions of this message have been removed]
>> >
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>
>
> --
> VK3XJM
> 0416039082
> josh@...
> http://www.zindello.com.au/
>
>

--
VK3XJM
0416039082
josh@...
http://www.zindello.com.au/

[Non-text portions of this message have been removed]

5531. Re: LDG 600 pro one month old problem

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-14 22:06:26 UTC
From: sarmeros
Topic: 5524 Message: 5531

Well then should not the tuner tune the dummy load and not lock up?
Right now the tuner is locked up no matter whether it is on the dummy load or an antenna. Even if u pwr it down then up it still is locked up. Will not do anything, and the bypass lite will not go out.

--- In LDG-auto-tuners@yahoogroups.com, Joshua Mesilane <josh@...> wrote:
>
> One might ask the question, why are you trying to tune up a dummy load? If
> you're trying to "test" the tuner, then this isn't really a very accurate
> test. The best match to the dummy load is going to be with the tuner
> switched out. Unless you tell it to do a full tuning cycle it's always
> going to see a 1:1 match once it enters the bypass mode, and thus stay in
> bypass mode. It probably hasn't locked up, but has found the best "match",
> which would be, a dummy load.
>
> Isn't the idea for a tuner to use it on a non-resonant antenna, what are
> you actually trying to achieve by running this test?
>
> On Sun, Jul 15, 2012 at 7:54 AM, sarmeros <sarmeros@...> wrote:
>
> > **
> > >
> > >
> > >
> > > Tnks
> > >
> > > Keep in mind that I am going from the TS 590 into the tuner direct into a
> > > dummy load...
> > >
> > >
> > > --- In LDG-auto-tuners@yahoogroups.com, "joe_aj3o@" <joe_aj3o@>
> > > wrote:
> > > >
> > > > Is it possible the tuner thinks the antenna is tuned and not needed?
> > > >
> > > > Sent from my Motorola Smartphone on the Now Network from Sprint!
> > > >
> > > > -----Original message-----
> > > > From: sarmeros <sarmeros@>
> > > > To: LDG-auto-tuners@yahoogroups.com
> > > > Sent: Sat, Jul 14, 2012 17:30:15 EDT
> > > > Subject: [LDG-auto-tuners] Re: LDG 600 pro one month old problem
> > > >
> > > >
> > > >

> > > Tnks Dan
> > > Well the tuner is locked up and can't do nothing right now. Nothing
> > works.
> > > No matter what I do. Did it when I got it, Is doing it after I got it
> > back
> > > fron LDG. Tech says he could not duplicate the problem.
> > >
> > >
> > >
> > > --- In LDG-auto-tuners@yahoogroups.com, "Daniel" <foreveraccount@>
> > wrote:
> > > >
> > > >
> > > > Are you reducing power when you change frequencies and retune?
> > > >
> > > > If your radio isn't automatically doing it, like Icom with the
> > > > special cable, you're supposed to.
> > > >
> > > > Dan
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > > --- In LDG-auto-tuners@yahoogroups.com, "sarmeros" <sarmeros@> wrote:
> > > > >
> > > > > Hello Al, purchased an LDG 600 pro auto tuner less than 30 days ago
> > and
> > > had the following problem. My conditions were as follows.
> > > > > Using the ts 590 connected directly to the tuner with 100 watts and
> > into
> > > a 50 ohm dummy load, before connecting to an antenna.
> > > > > The pwr switch turned on propery and the ant 2 confirmed tuner setup.
> > > > > I started checking all bands from 1.8 thru 21mhz and the ant tuned
> > > properly with the threshold at 2.0.swr.
> > > > > When I got to 24.9, the bypass lite turned on and and the tuner
> > would no
> > > longer respond and locked up.
> > > > >
> > > > > Removed the dc pwr and reconnected and the bypass lite would not
> > turn
> > > of. Pushing the pwr switch of and on I could not hear the relay click on
> > > and off and the bypass lite would not go off. Momentarly pushing the
> > tune
> > > button would not turn the bypass lite of either.
> > > > > The unit was sent in f
> > > >

> > >
> > > [Non-text portions of this message have been removed]
> > >
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> >
>
>
>
> --
> VK3XJM
> 0416039082
> josh@...
> http://www.zindello.com.au/
>
>
> [Non-text portions of this message have been removed]
>

5532. Re: [LDG-auto-tuners] Re: LDG 600 pro one month old problem

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-14 22:07:27 UTC
From: Joshua Mesilane
Topic: 5524 Message: 5532

So you're saying, that even hooked up to the antenna, when presented with a high SWR the tuner is not establishing a tuning cycle?

On Sun, Jul 15, 2012 at 8:06 AM, sarmeros <sarmeros@...> wrote:

> **
>
>
>
> Well then should not the tuner tune the dummy load and not lock up?
> Right now the tuner is locked up no matter whether it is on the dummy load
> or an antenna. Even if u pwr it down then up it still is locked up. Will
> not do anything, and the bypass lite will not go out.
>
>
> --- In LDG-auto-tuners@yahoogroups.com, Joshua Mesilane <josh@...> wrote:
> >
> > One might ask the question, why are you trying to tune up a dummy load?
> If
> > you're trying to "test" the tuner, then this isn't really a very accurate
> > test. The best match to the dummy load is going to be with the tuner
> > switched out. Unless you tell it to do a full tuning cycle it's always
> > going to see a 1:1 match once it enters the bypass mode, and thus stay in
> > bypass mode. It probably hasn't locked up, but has found the best
> "match",
> > which would be, a dummy load.
> >
> > Isn't the idea for a tuner to use it on a non-resonant antenna, what are
> > you actually trying to achieve by running this test?
> >
> > On Sun, Jul 15, 2012 at 7:54 AM, sarmeros <sarmeros@...> wrote:
> >
> > > **
> >
> > >
> > >
> > >
> > > Tnks
> > >
> > > Keep in mind that I am going from the TS 590 into the tuner direct
> into a
> > > dummy load...
> > >
> > >
> > > --- In LDG-auto-tuners@yahoogroups.com, "joe_aj3o@" <joe_aj3o@>

>
> > > wrote:
> > > >
> > > > Is it possible the tuner thinks the antenna is tuned and not needed?
> > > >
> > > > Sent from my Motorola Smartphone on the Now Network from Sprint!
> > > >
> > > > -----Original message-----
> > > > From: sarmeros <sarmeros@>
> > > > To: LDG-auto-tuners@yahoogroups.com
> > > > Sent: Sat, Jul 14, 2012 17:30:15 EDT
> > > > Subject: [LDG-auto-tuners] Re: LDG 600 pro one month old problem
> > > >
> > > >
> > > >
> > > > Tnks Dan
> > > > Well the tuner is locked up and can't do nothing right now. Nothing
> > > works.
> > > > No matter what I do. Did it when I got it, Is doing it after I got it
> > > back
> > > > fron LDG. Tech says he could not duplicate the problem.
> > > >
> > > >
> > > >
> > > > --- In LDG-auto-tuners@yahoogroups.com, "Daniel" <foreveraccount@>
> > > wrote:
> > > > >
> > > > >
> > > > > Are you reducing power when you change frequencies and retune?
> > > > >
> > > > > If your radio isn't automatically doing it, like Icom with the
> > > > > special cable, you're supposed to.
> > > > >
> > > > > Dan
> > > > >
> > > > >
> > > > >
> > > > >
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> > > > >
> > > > >
> > > > >
> > > > > --- In LDG-auto-tuners@yahoogroups.com, "sarmeros" <sarmeros@>
> > > wrote:
> > > > > >
> > > > > > Hello Al, purchased an LDG 600 pro auto tuner less than 30 days
> > > ago
> > > > > and
> > > > > had the following problem. My conditions were as follows.
> > > > > > Using the ts 590 connected directly to the tuner with 100 watts

> and
> > > into
> > > > a 50 ohm dummy load, before connecting to an antenna.
> > > > > > The pwr switch turned on propery and the ant 2 confirmed tuner
> setup.
> > > > > > I started checking all bands from 1.8 thru 21mhz and the ant
> tuned
> > > > properly with the threshold at 2.0.swr.
> > > > > > When I got to 24.9, the bypass lite turned on and and the tuner
> > > would no
> > > > longer respond and locked up.
> > > > > >
> > > > > > Removed the dc pwr and reconnected and the bypass lite would not
> > > turn
> > > > of. Pushing the pwr switch of and on I could not hear the relay
> click on
> > > > and off and the bypass lite would not go off. Momentarly pushing the
> > > tune
> > > > button would not turn the bypass lite of either.
> > > > > > The unit was sent in f
> > > >
> > > >
> > > > [Non-text portions of this message have been removed]
> > > >
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> >
> >
> > --
> > VK3XJM
> > 0416039082
> > josh@...
> > http://www.zindello.com.au/
>
> >
> >
> > [Non-text portions of this message have been removed]
> >
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>

--
VK3XJM
0416039082
josh@...
http://www.zindello.com.au/

[Non-text portions of this message have been removed]

5533. Re: [LDG-auto-tuners] Re: LDG 600 pro one month old problem

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-14 22:09:49 UTC
From: Joshua Mesilane
Topic: 5524 Message: 5533

Few more questions:

Is the antenna hooked up to the ANT1 or the ANT2 port?
Is the ANT2 light on the tuner lit?

Cheers,
Josh

On Sun, Jul 15, 2012 at 8:07 AM, Joshua Mesilane <josh@...>wrote:

> So you're saying, that even hooked up to the antenna, when presented with
> a high SWR the tuner is not establishing a tuning cycle?
>
>
> On Sun, Jul 15, 2012 at 8:06 AM, sarmeros <sarmeros@...> wrote:
>
>> **
>>
>>
>>
>> Well then should not the tuner tune the dummy load and not lock up?
>> Right now the tuner is locked up no matter whether it is on the dummy
>> load or an antenna. Even if u pwr it down then up it still is locked up.
>> Will not do anything, and the bypass lite will not go out.
>>
>>
>> --- In LDG-auto-tuners@yahoogroups.com, Joshua Mesilane <josh@...> wrote:
>> >
>> > One might ask the question, why are you trying to tune up a dummy load?
>> If
>> > you're trying to "test" the tuner, then this isn't really a very
>> accurate
>> > test. The best match to the dummy load is going to be with the tuner
>> > switched out. Unless you tell it to do a full tuning cycle it's always
>> > going to see a 1:1 match once it enters the bypass mode, and thus stay
>> in
>> > bypass mode. It probably hasn't locked up, but has found the best
>> "match",
>> > which would be, a dummy load.
>> >
>> > Isn't the idea for a tuner to use it on a non-resonant antenna, what are
>> > you actually trying to achieve by running this test?
>> >
>> > On Sun, Jul 15, 2012 at 7:54 AM, sarmeros <sarmeros@...> wrote:
>> >
>> > > **
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>>
>> > >
>> > >
>> > >
>> > > Tnks
>> > >
>> > > Keep in mind that I am going from the TS 590 into the tuner direct
>> into a
>> > > dummy load...
>> > >
>> > >
>> > > --- In LDG-auto-tuners@yahoogroups.com, "joe_aj3o@" <joe_aj3o@>
>>
>> > > wrote:
>> > > >
>> > > > Is it possible the tuner thinks the antenna is tuned and not needed?
>> > > >
>> > > > Sent from my Motorola Smartphone on the Now Network from Sprint!
>> > > >
>> > > > -----Original message-----
>> > > > From: sarmeros <sarmeros@>
>> > > > To: LDG-auto-tuners@yahoogroups.com
>> > > > Sent: Sat, Jul 14, 2012 17:30:15 EDT
>> > > > Subject: [LDG-auto-tuners] Re: LDG 600 pro one month old problem
>> > > >
>> > > >
>> > > >
>> > > > Tnks Dan
>> > > > Well the tuner is locked up and can't do nothing right now. Nothing
>> > > works.
>> > > > No matter what I do. Did it when I got it, Is doing it after I got
>> it
>> > > back
>> > > > fron LDG. Tech says he could not duplicate the problem.
>> > > >
>> > > >
>> > > >
>> > > > --- In LDG-auto-tuners@yahoogroups.com, "Daniel" <foreveraccount@>
>> > > wrote:
>> > > > >
>> > > > >
>> > > > > Are you reducing power when you change frequencies and retune?
>> > > > >
>> > > > > If your radio isn't automatically doing it, like Icom with the
>> > > > > special cable, you're supposed to.
>> > > > >
>> > > > > Dan
>> > > > >
>> > > > >
>> > > > >

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>> > > > >
>> > > > >
>> > > > >
>> > > > > --- In LDG-auto-tuners@yahoogroups.com, "sarmeros" <sarmeros@>
>> wrote:
>> > > > > >
>> > > > > > Hello Al, purchased an LDG 600 pro auto tuner less than 30 days
>> ago
>> > > and
>> > > > had the following problem. My conditions were as follows.
>> > > > > > Using the ts 590 connected directly to the tuner with 100 watts
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>> > > > a 50 ohm dummy load, before connecting to an antenna.
>> > > > > > The pwr switch turned on propery and the ant 2 confirmed tuner
>> setup.
>> > > > > > I started checking all bands from 1.8 thru 21mhz and the ant
>> tuned
>> > > > properly with the threshold at 2.0.swr.
>> > > > > > When I got to 24.9, the bypass lite turned on and and the tuner
>> > > would no
>> > > > longer respond and locked up.
>> > > > > >
>> > > > > > Removed the dc pwr and reconnected and the bypass lite would not
>> > > turn
>> > > > of. Pushing the pwr switch of and on I could not hear the relay
>> click on
>> > > > and off and the bypass lite would not go off. Momentarly pushing the
>> > > tune
>> > > > button would not turn the bypass lite of either.
>> > > > > > The unit was sent in f
>> > > >
>> > > >
>> > > > [Non-text portions of this message have been removed]
>> > > >
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>> >
>> >
>> > --
>> > VK3XJM
>> > 0416039082
>> > josh@...
>> > http://www.zindello.com.au/
>>
>> >

>> >
>> > [Non-text portions of this message have been removed]
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> --
> VK3XJM
> 0416039082
> josh@...
> http://www.zindello.com.au/
>
>

--
VK3XJM
0416039082
josh@...
http://www.zindello.com.au/

[Non-text portions of this message have been removed]

5534. Re: LDG 600 pro one month old problem

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-14 22:25:12 UTC
From: sarmeros
Topic: 5524 Message: 5534

Tnks Josh;

Looks like this is going to be a long thread..... The dummy load is hooked up on ant 2 The ant 2 lite is lite along with the bypass lite.. Will not clear. Locked up.... FROZE

--- In LDG-auto-tuners@yahoogroups.com, Joshua Mesilane <josh@...> wrote:
>
> Few more questions:
>
> Is the antenna hooked up to the ANT1 or the ANT2 port?
> Is the ANT2 light on the tuner lit?
>
> Cheers,
> Josh
>
> On Sun, Jul 15, 2012 at 8:07 AM, Joshua Mesilane <josh@...>wrote:
>
> > So you're saying, that even hooked up to the antenna, when presented with
> > a high SWR the tuner is not establishing a tuning cycle?
> >
> >
> > On Sun, Jul 15, 2012 at 8:06 AM, sarmeros <sarmeros@...> wrote:
> >
> >> **
> >>
> >>
> >>
> >> Well then should not the tuner tune the dummy load and not lock up?
> >> Right now the tuner is locked up no matter whether it is on the dummy
> >> load or an antenna. Even if u pwr it down then up it still is locked up.
> >> Will not do anything, and the bypass lite will not go out.
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> >>
> >> --- In LDG-auto-tuners@yahoogroups.com, Joshua Mesilane <josh@> wrote:
> >> >
> >> > One might ask the question, why are you trying to tune up a dummy load?
> >> If
> >> > you're trying to "test" the tuner, then this isn't really a very
> >> accurate
> >> > test. The best match to the dummy load is going to be with the tuner
> >> > switched out. Unless you tell it to do a full tuning cycle it's always
> >> > going to see a 1:1 match once it enters the bypass mode, and thus stay
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> >> "match",

> >> > which would be, a dummy load.
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> >> > Isn't the idea for a tuner to use it on a non-resonant antenna, what are
> >> > you actually trying to achieve by running this test?
> >> >
> >> > On Sun, Jul 15, 2012 at 7:54 AM, sarmeros <sarmeros@> wrote:
> >> >
> >> > > **
> >>
> >> > >
> >> > >
> >> > >
> >> > > Tnks
> >> > >
> >> > > Keep in mind that I am going from the TS 590 into the tuner direct
> >> into a
> >> > > dummy load...
> >> > >
> >> > >
> >> > > --- In LDG-auto-tuners@yahoogroups.com, "joe_aj3o@" <joe_aj3o@>
> >>
> >> > > wrote:
> >> > > >
> >> > > > Is it possible the tuner thinks the antenna is tuned and not needed?
> >> > > >
> >> > > > Sent from my Motorola Smartphone on the Now Network from Sprint!
> >> > > >
> >> > > > -----Original message-----
> >> > > > From: sarmeros <sarmeros@>
> >> > > > To: LDG-auto-tuners@yahoogroups.com
> >> > > > Sent: Sat, Jul 14, 2012 17:30:15 EDT
> >> > > > Subject: [LDG-auto-tuners] Re: LDG 600 pro one month old problem
> >> > > >
> >> > > >
> >> > > >
> >> > > > Tnks Dan
> >> > > > Well the tuner is locked up and can't do nothing right now. Nothing
> >> > > works.
> >> > > > No matter what I do. Did it when I got it, Is doing it after I got
> >> it
> >> > > back
> >> > > > fron LDG. Tech says he could not duplicate the problem.
> >> > > >
> >> > > >
> >> > > >
> >> > > > --- In LDG-auto-tuners@yahoogroups.com, "Daniel" <foreveraccount@>
> >> > > wrote:
> >> > > > >
> >> > > > >
> >> > > > > Are you reducing power when you change frequencies and retune?

> >> > > > >
> >> > > > > If your radio isn't automatically doing it, like Icom with the
> >> > > > > special cable, you're supposed to.
> >> > > > >
> >> > > > > Dan
> >> > > > >
> >> > > > >
> >> > > > >
> >> > > > >
> >> > > > >
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> >> > > > > --- In LDG-auto-tuners@yahoogroups.com, "sarmeros" <sarmeros@>
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> >> > > > > > Hello Al, purchased an LDG 600 pro auto tuner less than 30 days
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> >> > > and
> >> > > > > had the following problem. My conditions were as follows.
> >> > > > > > Using the ts 590 connected directly to the tuner with 100 watts
> >> and
> >> > > into
> >> > > > > a 50 ohm dummy load, before connecting to an antenna.
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> >> setup.
> >> > > > > > I started checking all bands from 1.8 thru 21mhz and the ant
> >> tuned
> >> > > > properly with the threshold at 2.0.swr.
> >> > > > > > When I got to 24.9, the bypass lite turned on and and the tuner
> >> > > would no
> >> > > > > longer respond and locked up.
> >> > > > > > >
> >> > > > > > Removed the dc pwr and reconnected and the bypass lite would not
> >> > > turn
> >> > > > > of. Pushing the pwr switch of and on I could not hear the relay
> >> click on
> >> > > > > and off and the bypass lite would not go off. Momentarly pushing the
> >> > > tune
> >> > > > > button would not turn the bypass lite of either.
> >> > > > > > The unit was sent in f
> >> > > > > >
> >> > > > > >
> >> > > > > [Non-text portions of this message have been removed]
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> >> >
> >> > --
> >> > VK3XJM
> >> > 0416039082
> >> > josh@
> >> > http://www.zindello.com.au/
> >>
> >> >
> >> >
> >> > [Non-text portions of this message have been removed]
> >> >
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> > > VK3XJM
> > > 0416039082
> > > josh@...
> > > http://www.zindello.com.au/
> > >
> > >
>
>
> --
> VK3XJM
> 0416039082
> josh@...
> http://www.zindello.com.au/
>
>
> [Non-text portions of this message have been removed]
>

5535. Re: [LDG-auto-tuners] Re: LDG 600 pro one month old problem

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-14 22:44:31 UTC
From: joe_aj3o@yahoo.com
Topic: 5524 Message: 5535

Dummy load is already a match if I am not mistaken.

Sent from my Motorola Smartphone on the Now Network from Sprint!

-----Original message-----
From: sarmeros <sarmeros@...>
To: LDG-auto-tuners@yahoogroups.com
Sent: Sat, Jul 14, 2012 17:54:14 EDT
Subject: [LDG-auto-tuners] Re: LDG 600 pro one month old problem

Tnks

Keep in mind that I am going from the TS 590 into the tuner direct into a
dummy load...

--- In LDG-auto-tuners@yahoogroups.com, "joe_aj3o@..." <joe_aj3o@...> wrote:
>
> Is it possible the tuner thinks the antenna is tuned and not needed?
>
> Sent from my Motorola Smartphone on the Now Network from Sprint!
>
> -----Original message-----
> From: sarmeros <sarmeros@...>
> To: LDG-auto-tuners@yahoogroups.com
> Sent: Sat, Jul 14, 2012 17:30:15 EDT
> Subject: [LDG-auto-tuners] Re: LDG 600 pro one month old problem
>
>
>
> Tnks Dan
> Well the tuner is locked up and can't do nothing right now. Nothing
works.
> No matter what I do. Did it when I got it, Is doing it after I got it
back
> fron LDG. Tech says he could not duplicate the problem.
>
>
>
> --- In LDG-auto-tuners@yahoogroups.com, "Daniel" <foreveraccount@> wrote:
> >
> >
> > Are you reducing power when you change frequencies and retune?
> >
> > If your radio isn't automatically doing it, like Icom with the
> > special cable, you're supposed to.
> >

> > Dan
> >
> >
> >
> >
> >
> >
> >
> >
> > --- In LDG-auto-tuners@yahoogroups.com, "sarmeros" <sarmeros@> wrote:
> > >
> > > Hello Al, purchased an LDG 600 pro auto tuner less than 30 days ago
and
> had the following problem. My conditions were as follows.
> > > Using the ts 590 connected directly to the tuner with 100 watts and
into
> a 50 ohm dummy l

[Non-text portions of this message have been removed]

5536. Re: LDG 600 pro one month old problem

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-14 22:58:23 UTC
From: sarmeros
Topic: 5524 Message: 5536

Guys
Tnks so much for ur help,, but the issue has been the unit is locked up on the dummy load and/or antenna and will not do anything. Was wondering if any one else has had this problem.

--- In LDG-auto-tuners@yahoogroups.com, "joe_aj3o@..." <joe_aj3o@...> wrote:
>
> Dummy load is already a match if I am not mistaken.
>
> Sent from my Motorola Smartphone on the Now Network from Sprint!
>
> -----Original message-----
> From: sarmeros <sarmeros@...>
> To: LDG-auto-tuners@yahoogroups.com
> Sent: Sat, Jul 14, 2012 17:54:14 EDT
> Subject: [LDG-auto-tuners] Re: LDG 600 pro one month old problem
>
>
> Tnks
>
> Keep in mind that I am going from the TS 590 into the tuner direct into a
> dummy load...
>
>
> --- In LDG-auto-tuners@yahoogroups.com, "joe_aj3o@" <joe_aj3o@> wrote:
> >
> > Is it possible the tuner thinks the antenna is tuned and not needed?
> >
> > Sent from my Motorola Smartphone on the Now Network from Sprint!
> >
> > -----Original message-----
> > From: sarmeros <sarmeros@>
> > To: LDG-auto-tuners@yahoogroups.com
> > Sent: Sat, Jul 14, 2012 17:30:15 EDT
> > Subject: [LDG-auto-tuners] Re: LDG 600 pro one month old problem
> >
> >
> >
> > Tnks Dan
> > Well the tuner is locked up and can't do nothing right now. Nothing
> works.
> > No matter what I do. Did it when I got it, Is doing it after I got it
> back
> > fron LDG. Tech says he could not duplicate the problem.
> >

> >
> >
> > --- In LDG-auto-tuners@yahoogroups.com, "Daniel" <foreveraccount@> wrote:
> > >
> > >
> > > Are you reducing power when you change frequencies and retune?
> > >
> > > If your radio isn't automatically doing it, like Icom with the
> > > special cable, you're supposed to.
> > >
> > > Dan
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > > --- In LDG-auto-tuners@yahoogroups.com, "sarmeros" <sarmeros@> wrote:
> > > >
> > > > Hello Al, purchased an LDG 600 pro auto tuner less than 30 days ago
> and
> > had the following problem. My conditions were as follows.
> > > > Using the ts 590 connected directly to the tuner with 100 watts and
> into
> > a 50 ohm dummy l
>
>
> [Non-text portions of this message have been removed]
>

5537. Re: [LDG-auto-tuners] LDG 600 pro one month old problem

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-14 21:00:25 UTC
From: doug pfaff
Topic: 5524 Message: 5537

According to the canadian hf band plan 24.9 is the top of the band edge for the 12 m band.

one possibility is to phone the tech support folks at LDG and ask the specific question about band edge operation, ask LDG if the tuner goes to the band edge and tunes no further due to the bandwidth allocation for assigned mode.
eg ssb 6 khz max bandwith for example ,sstv has a different requirement for example than ssb operation .

Refer to the table for each itu region eg region 1 vs 2 vs 3 there not all identical and the regulations for your country may have have some specific modifications to meet the itu intent.

I suspect the reason you have got a no fault found analysis is there is likely operator error on your part.

My previous tuner eg Kenwood AT-50 kept you in band on all band and if the radio had no tuner attached it would transmiter outside of assigned hf band plans which was not a legal ham operaation.

Have you possibly overlooked the bandwith associated with your signal(and mode of communication eg ssb, sstv, other digital mode cw etc) and the tuner is legitimately cutting you off to keep you within 12 m band allocation meaning you have to operated below the band edge extreme.

Doug ve5dcp
----- Original Message -----
From: sarmeros
To: LDG-auto-tuners@yahoogroups.com
Sent: Saturday, July 14, 2012 10:44 AM
Subject: [LDG-auto-tuners] LDG 600 pro one month old problem

Hello Al, purchased an LDG 600 pro auto tuner less than 30 days ago and had the following problem. My conditions were as follows.
Using the ts 590 connected directly to the tuner with 100 watts and into a 50 ohm dummy load, before connecting to an antenna.
The pwr switch turned on propery and the ant 2 confirmed tuner setup.
I started checking all bands from 1.8 thru 21mhz and the ant tuned properly with the threshold at 2.0.swr.
When I got to 24.9, the bypass lite turned on and and the tuner would no longer respond and locked up.

Removed the dc pwr and reconnected and the bypass lite would not turn of. Pushing the pwr switch of and on I could not hear the relay click on and off and the bypass lite would not go off. Momentarly pushing the tune button would not turn the bypass lite of either.
The unit was sent in for repair to LDG and the tech reported no faults with the unit.

Thank you LDG for the fast turn around, received the unit yesterday and went thru the same testing and when I got to 24.9 it locked up agn just like before. Any help would be appreciated with regard to my problem with this tuner.

Steve
N4PIQ

[Non-text portions of this message have been removed]

5538. Re: [LDG-auto-tuners] Re: LDG 600 pro one month old problem

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-15 11:13:34 UTC
From: doug pfaff
Topic: 5524 Message: 5538

Just some general comment you may have overlooked

Which brand is the TS590 is it a Kenwood?. My internet search makes me think this is possibly so.

Its totally unclear from your question as to what your dealing with for both a rig and antenna you know these facts but other responders including myself are tying to second guess what your doing

Have you read your printed LDG operating manual shipped with the tuner or downloaded the pdf online version from LDG web site. Have you also checked the faq section for this specific tuner

My kenwood TS50 automatically reduces power to the output during tuning to10 watt level when using the tune button on the rig as others have stated are you reducing power? see my comment re correct mode during tuning see your rig operating manual.

Are you reducing the power output during tuning and also using the right mode eg cw instead of ssb operation, tuners generally need a low level continous signal to use during tuning operation.

The resistive dummy load is a 1:1 match as its a 50 ohm load against the theoretical value for a solid state rig wanting a output impedance of 50 ohms.

A reactive component due to real world conditions of inductance or capactive reactance is present in all real world antennas and the tuner will not react to situations thats close to a theoretical perfect match either tuning and will generally go into bypass mode of operation if the antenna presents value close to theroretical to its analysis circuitry.

Are you possibly a new novice operator? or possibly a older ham used to the days of tube operation who has possibly overlooked the antenna theory that's been the same for 50 or 60 years.

You must remember these basic principles taught in basic antenna theory class

The tuner is only making the rig happy and is not making the physical antenna corrections, remember your swr profile for your antenna being a dish shape as you move away from the resonant point

Also remember your swr is a ratio formula and two impedance will give you a same numerical value for example 100 ohms and 25 ohms both give you a 2:1 ratio

Most new solid state rigs begin powering down the output above a ratio of 2.5:1 to save the final transistors.

If tuner sees an acceptable antenna match it may not react once the intial tune is finished also remember it will operate back to its memory data setting the next time it see the same antenna connected.

this will make you think the tuner is not operating properly ask LDG tech support if they cleared your memory during the service checkout , they will likely use a test combination of components to give a range of antenna configurations to test the operation of the tuner that the nominal ham would not have on the test bench.

Question why would you connect a 50 ohm dummy load to the antenna #2 position, is your rig so old you need to manual tune up as in days with a tube rig ?.

The technical specs give a range of impedances its designed to tune into to see if your not making an operator error. HAVE YOU TECHNICALLY ANALYZED YOUR ANTENNA WITH AN ANALYZER

my KT series tuner goes into bypass right away when presenting a 40 m loop(measured at 100 ohms or a 40 m mobile vertical tuned mid band used in a stationary application that been tested with a computer minivna analyzer that shows 50 ohms resistive and a capacitance reactance value which the tuner is satisfied with

Once most electronic tuners see 1.5:1 they generally may fine tune to a lower final value but not necessarily 1:1match.

The newer tuners with chip control do have a factory set of parameters they work to but the manufacturers don't necessarily publish that information. they have capacitors and inductor present to allow matching most nominal antenna load configurations

Here is a copy of Dwaynes response from another email reply for a different tuner model regarding minimum threshold operation for a different model

Dwaynes reply to another user was as follows

This is incorrect. The setting for the threshold is only for the starting threshold when in Auto mode. It has nothing to do with the final SWR.

The tuner always looks for the best match when it does a full tune, no matter what the starting threshold is set to.

All newer models have the minimum threshold range selectable between 1.7 and 3.0.

Dwayne Kincaid
LDG

> The lower you set it [the starting threshold] the lower SWR it will match to but takes longer.

Have you tried emailing Dwayne Kinkaid from LDG on this forum

I suspect his reply may be similar to mine but less general since he has access to the design criteria they use in there tuner design

He likely will quizz you about some of the basics im asking about what your doing?

Doug ve5dcp

----- Original Message -----
From: sarmeros
To: LDG-auto-tuners@yahoogroups.com
Sent: Saturday, July 14, 2012 4:58 PM

Subject: [LDG-auto-tuners] Re: LDG 600 pro one month old problem

[Non-text portions of this message have been removed]

5539. LDG AT-600Pro Autotuner lock up info.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-15 20:01:46 UTC
From: mcyman
Topic: 5539 Message: 5539

Hello LDG owners,
I have been reading with interest posts with regard to the Lock up Problems with the LDG AT-600Pro Auto tuner.

When I was looking for an Auto tuner I read EHam REVIEWS , and noticed that the 600 Pro tuner had one of the lowest LDG scores, which was a 4.2, and read that customer support was an issue for some owners.

Knowing that I still purchased the 600 pro hoping, like some other owners that I would not experience any issues!
As others had mentioned the OWNERS Manual leaves a lot to be desired, and took me awhile to find out that the Bypass or when the tuner is powered off the Transceiver(TX) port is connected to ANT2 Not ANT 1! Nothing is mentioned in the owner's manual !

I see that one of the Owners of the LDG 600 Pro is having issues with his tuner locking up , and after sending it in for repair, it came back with the same lock up issues !

What is interesting is I have not read any issues about the AT600 Locking up in this Group or on EHAM?

However I have personally experienced a Lock up problem with my LDG600 Pro tuner during normal operations, to the extent that it would not, turn off, and none of the push buttons would function!
The only way that I could clear the fault was to unplug the DC Power wait a few seconds and plug the DC power back in to the LDG tuner!
This particular issue has happened at least 3 times.
After the Lock up is cleared, the tuner seems to operate normally again!
By the way I looked for a Serial number on my tuner, but none exist? However there is a number 410-586-2177 printed below the LDG address, also says made in Taiwan.
Any thoughts would be appreciated.
Rob N8RT

5540. Re: [LDG-auto-tuners] LDG AT-600Pro Autotuner lock up info.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-15 22:59:02 UTC
From: doug pfaff
Topic: 5539 Message: 5540

A multitude of thoughts come to mind when I hear interference stories and unexplained random rf related events or dc power supply related incidences .

very specific details are generally needed to respond properly to technical issues to allow careful comment and that's why responders give such varying opinions to a simple question trying to second guess the possible installation problem or antenna related issues that interact with the equipment or equipment power faults.

One can ask many detailed questions in response to your query

Due to the fact there can be a whole gamut of dc power supplies used not just one specific vendor involved .

In the ham hobby not all circuit designs are pure dc outputs especially if switch mode designs are used.

Have you tried a simple old car battery as a dc source with no power supply attached and isolated this down to radio operations to confirm rf is or isnot not getting into the control leads of the tuner and impacting operations between the radio and the tuner

Does the problem occur on just one hf band or is it at random on any band you work, you have not spelled out your specifics in relation to your 3 incident situation
.
For example what brand of dc power source are you using? Is the power supply design rf clean after examining using an oscilliscope to observe whats on the power leads both positve and negative leads.

For example some power supply reviews given in QST point out the wide variances in output dc purity in comparison to a dc battery.

Maybe the dc fix is as simple as some small rf bypass capacitors are need to filter the rf to ground on both output leads and keep it away from the sensative electronics in the tuner circuitry.

I have looked at the dc leads on a modern solid state rig tied just to just a 12v battery with no power supply attached and found lots of low level rf on the dc leads (found using an oscilliscope this is not using a plain electronic digital meter) as input impedance of instrumentation varies all over the map and can maks what is really going on on the leads.

most current owners manual of modern electronically sensative gear make mention of proper rf grounding paths from both the rig and tuner to a seperate shack ground bus that is not related to the dc power leads.

How close to the rf output coax are you for example with the tuner control leads as the power level at 100 w and can induce small rf signal levels into sensative adjacent electronic wiring for the tuner control eg a 3 pair #20 gauge wiring betwen the rig and tuner jacks for example.

It is hard for the manufacturers to design for all ham configurations or try and second guess how each operator has configured there shack (see arrl handbook for example)or what specifc dc power supply is used to power the dc input. my ldg tuner for example sources it from the hf rig due to the tune button operation

How much power are you using somtimes systems are clean at 100w level but fall apart at 500 or 1000 w levels due to simple induction into system wiring

The lockup sound like possible rf related as it so erratic and hard to chase down makes me thing of purity of dc power and rf influence on the power leads possibly at the same time.

some problems can be only appear in one band and leave other bands clear of problems, you have not noted the specifics of when your problems have occured, what is your soil moisture content for example it impacts your rf ground preformance, is time of year involved an how good the rf path is length etc
.
Reemmber a car gives you a solid rf return path due to metal body being used for the return path in comparison to the home stationary environment induction into the ac wiring etc impacting the dc power supply preformance for home use in comparison to the dc wiring in the car and the single source dc alternator.

For example at my location I can go from dry soil and high ground resistance to soaking wet in the spring time and very low resistance impacting tuner and rig preformance .

I have also been in a consistent enviroment on the west coast of Canada that might be generally moist all year round.For example I have a rf external driven ground rod network that consist of 5 ground rods to compensate for the variable conditions .

Your description of the issue make me think of more than one cause is likely involved.

Troubleshooting is never easy and take lots of work to resolve sometime with equipment one does not have.

Have you contacted Dwayne Kincaid from LDG on this forum and given him very specific details eg lead length seperation spacing between wiring etc and exactly how the rf ground path is configured type of dc power source used etc bands used when problem ocurs small details only you know.

Have you used coax braid or just plain coated wire for the ground path wiring method, small things can make a huge preformance difference

Ive seen coments about rf filtering the tuner leads from Dwayne before for other model manufacturer by them

One has to ensure that all shack wiring principles are followed to avoid problems not everyone is careful or understand the seceptablility of rf factors.

Everyone rf path has different characteristics depending whats used, and how long wire leads are etc

Many factors can make your installation work ok and somebody else has nothing but trouble for example is the rf ground for all your equipment ground terminals tied to in the shack to a common point or daisy chain from qeuipment to equipment instead of individul leads to the single rf ground bus point.

I have seen this control wiring path between equipment get messy and complicated in a telco environment with rf transmitters electronic switching etc

Doug ve5dcp

----- Original Message -----
From: mcyman
To: LDG-auto-tuners@yahoogroups.com
Sent: Sunday, July 15, 2012 2:01 PM
Subject: [LDG-auto-tuners] LDG AT-600Pro Autotuner lock up info.

Hello LDG owners,
I have been reading with interest posts with regard to the Lock up Problems with the LDG AT-600Pro Auto tuner.

When I was looking for an Auto tuner I read EHam REVIEWS , and noticed that the 600 Pro tuner had one of the lowest LDG scores, which was a 4.2, and read that customer support was an issue for some owners.

Knowing that I still purchased the 600 pro hoping, like some other owners that I would not experience any issues!
As others had mentioned the OWNERS Manual leaves a lot to be desired, and took me awhile to find out that the Bypass or when the tuner is powered off the Transceiver(TX) port is connected to ANT2 Not ANT 1! Nothing is mentioned in the owner's manual !

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What is interesting is I have not read any issues about the AT600 Locking up in this Group or on EHAM?

However I have personally experienced a Lock up problem with my LDG600 Pro tuner during normal operations, to the extent that it would not, turn off, and none of the push buttons would function!
The only way that I could clear the fault was to unplug the DC Power wait a few seconds and plug the DC power back in to the LDG tuner!
This particular issue has happened at least 3 times.
After the Lock up is cleared, the tuner seems to operate normally again!
By the way I looked for a Serial number on my tuner, but none exist? However there is a number 410-586-2177 printed below the LDG address, also says made in Taiwan.
Any thoughts would be appreciated.
Rob N8RT

[Non-text portions of this message have been removed]

5541. YT-100 Clear Memory

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-16 02:57:43 UTC
From: kf7ugg
Topic: 5541 Message: 5541

Does anyone know how to clear the stored memory on the YT-100?

Richard Yamin

5542. Re: YT-100 Clear Memory

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-17 00:32:06 UTC
From: Mike Parker
Topic: 5541 Message: 5542

Hi Richard,

If its like the YT-450, I doubt you can, but if the purpose of clearing the memory is because you are using it with a different antenna, it will take no longer to do a full tune from a wiped memory than from a previously set frequency. After a few sessions on another antenna, it will just override any operating parameters that might be stored on a previously used/adjusted antenna.

Just keep using it would be my advice.

73

Mike
M0SAZ

--- In LDG-auto-tuners@yahoogroups.com, "kf7ugg" <kf7ugg@...> wrote:
>
> Does anyone know how to clear the stored memory on the YT-100?
>
> Richard Yamin
>

5543. Just done first review of my YT-450

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-17 13:10:43 UTC
From: Mike Parker
Topic: 5543 Message: 5543

I thought I would post on here my findings of the YT-450 after about a week's worth of use:

http://www.eham.net/reviews/detail/10195

73

Mike
M0SAZ

5544. RT-11 to IC-706 cable pin connections

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-21 19:18:52 UTC
From: yg@internetsmallfry.com
Topic: 5544 Message: 5544

Does anyone have the correct pin connections for the cable that goes from the DB-9 connector on the RT-11 to the 4-pin tuner connector on the back of the IC-706?

There is a file in the Files section of this group called "RT11 Remote.GIF" that shows a connection diagram but I can't see how it can be correct. It shows the 706 pin 2 ("Start") as going to pin 2 on the RT-11... but pin 2 of the RT-11 is the "Tuner bypass" pin whereas pin 3 of the RT-11 is "Tune control". Seems like pin 2 on the IC-706 should go to pin 3 on the RT-11, not pin 2.

Since that connection appears to be wrong, I don't have a lot of confidence in the connection shown for pin 1 on the IC-706 (the "Key" pin) going to pin 7 on the RT-11 (which the RT-11 manual describes, rather uninformatively, as "Radio out. This line is used in the tuner interface with Icom and Alinco radios.").

My best guess, from searching all over the web, is:

ICOM RT-11
1 <-- 7 (NOTE: NOT sure about this one)
2 --> 3
3 --> 1
4 --> 8 & 9

RT-11 pins 2, 4, 5, and 6 are not connected.

Is that correct?

Thanks...

Rick WA1RKT
Londonderry, NH

5545. YT-100 and Ham Radio Deluxe

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-21 02:11:28 UTC
From: bobmary37
Topic: 5545 Message: 5545

I have a new YT-100 and just love it. Today I bought a serial to USB cable from radio shack and connected it with my CAT cable. When I tried to connect to HRD it would not read the frequency. I tried quite a few steps, as recommened by HRD but nothing worked. Any help would be appreciated.

5546. Re: [LDG-auto-tuners] YT-100 and Ham Radio Deluxe

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-22 02:38:03 UTC
From: Jimmy (WB8NBI)
Topic: 5545 Message: 5546

Check your port speed I think the YT-100 needs 4800 so the radio and HRD need to be set to 4800.

DE Jimmy (WB8NBI)

From: bobmary37
Sent: Friday, July 20, 2012 10:11 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] YT-100 and Ham Radio Deluxe

I have a new YT-100 and just love it. Today I bought a serial to USB cable from radio shack and connected it with my CAT cable. When I tried to connect to HRD it would not read the frequency. I tried quite a few steps, as recommened by HRD but nothing worked. Any help would be appreciated.

[Non-text portions of this message have been removed]

5547. Re: [LDG-auto-tuners] YT-100 and Ham Radio Deluxe

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-22 11:09:38 UTC
From: Robert Allen
Topic: 5545 Message: 5547

I think we found the problem.My computer is a new Dell laptop with 4 USB ports. Two are USB3.0, and two are USB2.0. I have a wireless mouse and an ipad and neither device works in the USB3.0 port. I had the cable from the radio plugged into one of the 3.0 ports and I am betting that if I plug into a 2.0 port it will do just fine(I hope). I ordered a cable from RT Systems and will let the group know if that works. I got the first cable from Radio Shack and it had the prolific chip set. In reading some of the posts it seems people are having problems with that chip set. Thanks for your reply.

From: Jimmy (WB8NBI) <wb8nbi@suddenlink.net>
To: LDG-auto-tuners@yahoogroups.com
Sent: Saturday, July 21, 2012 9:38 PM
Subject: Re: [LDG-auto-tuners] YT-100 and Ham Radio Deluxe

Check your port speed I think the YT-100 needs 4800 so the radio and HRD need to be set to 4800.

DE Jimmy (WB8NBI)

From: bobmary37
Sent: Friday, July 20, 2012 10:11 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] YT-100 and Ham Radio Deluxe

I have a new YT-100 and just love it. Today I bought a serial to USB cable from radio shack and connected it with my CAT cable. When I tried to connect to HRD it would not read the frequency. I tried quite a few steps, as recommened by HRD but nothing worked. Any help would be appreciated.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

5548. Re: [LDG-auto-tuners] YT-100 and Ham Radio Deluxe

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-22 16:36:21 UTC
From: VE6LB
Topic: 5545 Message: 5548

You might want to check out USB 3.0 backward compatibility. USB 2.0 devices are suppose to work on USB 3.0.

http://www.tomshardware.com/forum/256928-32-backwards-compatibility-dummies

Gerry VE6LB

From: Robert Allen
Sent: Sunday, July 22, 2012 5:09 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] YT-100 and Ham Radio Deluxe

I think we found the problem.My computer is a new Dell laptop with 4 USB ports. Two are USB3.0, and two are USB2.0. I have a wireless mouse and an ipad and neither device works in the USB3.0 port. I had the cable from the radio plugged into one of the 3.0 ports and I am betting that if I plug into a 2.0 port it will do just fine(I hope). I ordered a cable from RT Systems and will let the group know if that works. I got the first cable from Radio Shack and it had the prolific chip set. In reading some of the posts it seems people are having problems with that chip set. Thanks for your reply.

From: Jimmy (WB8NBI) <mailto:wb8nbi%40suddenlink.net>
To: mailto:LDG-auto-tuners%40yahoogroups.com
Sent: Saturday, July 21, 2012 9:38 PM
Subject: Re: [LDG-auto-tuners] YT-100 and Ham Radio Deluxe

Check your port speed I think the YT-100 needs 4800 so the radio and HRD need to be set to 4800.

DE Jimmy (WB8NBI)

From: bobmary37
Sent: Friday, July 20, 2012 10:11 PM
To: mailto:LDG-auto-tuners%40yahoogroups.com
Subject: [LDG-auto-tuners] YT-100 and Ham Radio Deluxe

I have a new YT-100 and just love it. Today I bought a serial to USB cable from radio shack and connected it with my CAT cable. When I tried to connect to HRD it would not read the frequency. I tried quite a few steps, as recommened by HRD but nothing worked. Any help would be appreciated.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

5549. Re: RT-11 to IC-706 cable pin connections

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-22 16:38:20 UTC
From: Dwayne
Topic: 5544 Message: 5549

Rick,

You may be correct. I can't figure out how that would work. You should go by the diagram on the LDG web site. Click Products, Discontinued Misc, Discontinued Cables, then "RT-11 to Icom" wiring diagram.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, yg@... wrote:
>
> Does anyone have the correct pin connections for the cable that goes from the DB-9 connector on the RT-11 to the 4-pin tuner connector on the back of the IC-706?
>
> There is a file in the Files section of this group called "RT11 Remote.GIF" that shows a connection diagram but I can't see how it can be correct. It shows the 706 pin 2 ("Start") as going to pin 2 on the RT-11... but pin 2 of the RT-11 is the "Tuner bypass" pin whereas pin 3 of the RT-11 is "Tune control". Seems like pin 2 on the IC-706 should go to pin 3 on the RT-11, not pin 2.
>
> Since that connection appears to be wrong, I don't have a lot of confidence in the connection shown for pin 1 on the IC-706 (the "Key" pin) going to pin 7 on the RT-11 (which the RT-11 manual describes, rather uninformatively, as "Radio out. This line is used in the tuner interface with Icom and Alinco radios.").
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> My best guess, from searching all over the web, is:
>
> ICOM RT-11
> 1 <-- 7 (NOTE: NOT sure about this one)
> 2 --> 3
> 3 --> 1
> 4 --> 8 & 9
>
> RT-11 pins 2, 4, 5, and 6 are not connected.
>
> Is that correct?
>
> Thanks...
>
> Rick WA1RKT
> Londonderry, NH
>

5550. Re: RT-11 to IC-706 cable pin connections

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-22 17:24:46 UTC
From: yg@internetsmallfry.com
Topic: 5544 Message: 5550

> You should go by the diagram on the LDG web site. Click Products,
> Discontinued Misc, Discontinued Cables, then "RT-11 to Icom" wiring
> diagram.

Ahah! THERE it is! I searched high and low looking for that diagram and couldn't find it; obviously I looked everywhere except in the right place. :-)

The way that diagram shows is the way I wired it up (meaning that it appears I guessed correctly), and it does not work. The IC706's front panel Tune control puts it into Tune for less than a half second and then stops tuning, with the SWR still very high. It does this on any band, and with three different antennas and two different IC-706MKIIG's. Both IC-706MKIIG's tune correctly with a Z-100, an IT-100, and an AT-7000. And, the RT-11 works correctly with its RT-11 Remote box.

I haven't used the RT-11 for a few years but I do recall several years ago that I tried to use it with the 706 in my truck and never did get the 706's front panel Tune control to work correctly. I set it up in the truck with the RT Remove box and then got distracted doing other things, so I never did get around to finding out why it wouldn't work correctly with the 706's Tune control.

I guess I'd still like to get the RT-11 to work with the 706 if I can, since I'm now setting up an emcomm station in my motorhome and wanted to use the RT-11 for that since all my other LDG tuners are otherwise assigned. The firmware (I assume that chip with the paper label is the firmware) is rev RT1.3. Is there a later firmware chip available that I can try?

Rick WA1RKT
Londonderry, NH

5551. RE: [LDG-auto-tuners] YT-100 and Ham Radio Deluxe

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-22 17:13:20 UTC
From: Randy B.
Topic: 5545 Message: 5551

So now it is 3.0. D***!!! It is always something new you have to buy. I never could tell much difference from USB 1.0 to 2.0 except the price. How about we quit buying their non-backward compatible s***. At least 1 and 2 would work together. My wallet looks like a elephant stepped on it from the bad economy now.

Randy

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Robert Allen
Sent: Sunday, July 22, 2012 7:10 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] YT-100 and Ham Radio Deluxe

I think we found the problem.My computer is a new Dell laptop with 4 USB ports. Two are USB3.0, and two are USB2.0. I have a wireless mouse and an ipad and neither device works in the USB3.0 port. I had the cable from the radio plugged into one of the 3.0 ports and I am betting that if I plug into a 2.0 port it will do just fine(I hope). I ordered a cable from RT Systems and will let the group know if that works. I got the first cable from Radio Shack and it had the prolific chip set. In reading some of the posts it seems people are having problems with that chip set. Thanks for your reply.

_____
From: Jimmy (WB8NBI) <wb8nbi@... <mailto:wb8nbi%40suddenlink.net> >
To: LDG-auto-tuners@yahoogroups.com <mailto:LDG-auto-tuners%40yahoogroups.com>
Sent: Saturday, July 21, 2012 9:38 PM
Subject: Re: [LDG-auto-tuners] YT-100 and Ham Radio Deluxe

Check your port speed I think the YT-100 needs 4800 so the radio and HRD need to be set to 4800.

DE Jimmy (WB8NBI)

From: bobmary37
Sent: Friday, July 20, 2012 10:11 PM
To: LDG-auto-tuners@yahoogroups.com <mailto:LDG-auto-tuners%40yahoogroups.com>
Subject: [LDG-auto-tuners] YT-100 and Ham Radio Deluxe

I have a new YT-100 and just love it. Today I bought a serial to USB cable from radio shack and connected it with my CAT cable. When I tried to connect to HRD it would not read the frequency. I tried quite a few steps, as recommened by HRD but nothing worked. Any help would be appreciated.

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5552. Re: [LDG-auto-tuners] YT-100 and Ham Radio Deluxe

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-22 18:00:23 UTC
From: VE6LB
Topic: 5545 Message: 5552

USB 1.0 works on 2 &3. USB 2.0 works on 3. The big difference between 1 & 2 is speed (as it is with 3).

Gerry VE6LB

From: Randy B.
Sent: Sunday, July 22, 2012 11:13 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: RE: [LDG-auto-tuners] YT-100 and Ham Radio Deluxe

So now it is 3.0. D***!!! It is always something new you have to buy. I never could tell much difference from USB 1.0 to 2.0 except the price. How about we quit buying their non-backward compatible s***. At least 1 and 2 would work together. My wallet looks like a elephant stepped on it from the bad economy now.

Randy

From: mailto:LDG-auto-tuners%40yahoogroups.com
[mailto:mailto:LDG-auto-tuners%40yahoogroups.com] On Behalf Of Robert Allen
Sent: Sunday, July 22, 2012 7:10 AM
To: mailto:LDG-auto-tuners%40yahoogroups.com
Subject: Re: [LDG-auto-tuners] YT-100 and Ham Radio Deluxe

I think we found the problem.My computer is a new Dell laptop with 4 USB ports. Two are USB3.0, and two are USB2.0. I have a wireless mouse and an ipad and neither device works in the USB3.0 port. I had the cable from the radio plugged into one of the 3.0 ports and I am betting that if I plug into a 2.0 port it will do just fine(I hope). I ordered a cable from RT Systems and will let the group know if that works. I got the first cable from Radio Shack and it had the prolific chip set. In reading some of the posts it seems people are having problems with that chip set. Thanks for your reply.

From: Jimmy (WB8NBI) <mailto:wb8nbi%40suddenlink.net <mailto:wb8nbi%40suddenlink.net> >
To: mailto:LDG-auto-tuners%40yahoogroups.com <mailto:LDG-auto-tuners%40yahoogroups.com>
Sent: Saturday, July 21, 2012 9:38 PM
Subject: Re: [LDG-auto-tuners] YT-100 and Ham Radio Deluxe

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From: bobmary37
Sent: Friday, July 20, 2012 10:11 PM
To: mailto:LDG-auto-tuners%40yahoogroups.com <mailto:LDG-auto-tuners%40yahoogroups.com>
Subject: [LDG-auto-tuners] YT-100 and Ham Radio Deluxe

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5553. RE: [LDG-auto-tuners] YT-100 and Ham Radio Deluxe

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-22 19:05:11 UTC
From: Randy B.
Topic: 5545 Message: 5553

Yes, but 3.0 will not work with 2.0 if I read the post right. So if you have something new that must have 3.0, you can’t use 2.0. Did I say that right? Time for a pill!!

Randy

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of VE6LB
Sent: Sunday, July 22, 2012 2:00 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] YT-100 and Ham Radio Deluxe

USB 1.0 works on 2 &3. USB 2.0 works on 3. The big difference between 1 & 2 is speed (as it is with 3).

Gerry VE6LB

From: Randy B.
Sent: Sunday, July 22, 2012 11:13 AM
To: LDG-auto-tuners@yahoogroups.com <mailto:LDG-auto-tuners%40yahoogroups.com>
Subject: RE: [LDG-auto-tuners] YT-100 and Ham Radio Deluxe

So now it is 3.0. D***!!! It is always something new you have to buy. I never could tell much difference from USB 1.0 to 2.0 except the price. How about we quit buying their non-backward compatible s***. At least 1 and 2 would work together. My wallet looks like a elephant stepped on it from the bad economy now.

Randy

From: mailto:LDG-auto-tuners%40yahoogroups.com [mailto:mailto:LDG-auto-tuners%40yahoogroups.com] On Behalf Of Robert Allen
Sent: Sunday, July 22, 2012 7:10 AM
To: mailto:LDG-auto-tuners%40yahoogroups.com
Subject: Re: [LDG-auto-tuners] YT-100 and Ham Radio Deluxe

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From: Jimmy (WB8NBI) <mailto:wb8nbi%40suddenlink.net <mailto:wb8nbi%40suddenlink.net%20%3cmailto:wb8nbi%40suddenlink.net> <mailto:wb8nbi%40suddenlink.net> >
To: mailto:LDG-auto-tuners%40yahoogroups.com <mailto:LDG-auto-tuners%40yahoogroups.com>

Sent: Saturday, July 21, 2012 9:38 PM
Subject: Re: [LDG-auto-tuners] YT-100 and Ham Radio Deluxe

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DE Jimmy (WB8NBI)

From: bobmary37
Sent: Friday, July 20, 2012 10:11 PM
To: mailto:LDG-auto-tuners%40yahoogroups.com <mailto:LDG-auto-tuners%40yahoogroups.com>
Subject: [LDG-auto-tuners] YT-100 and Ham Radio Deluxe

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5554. Re: [LDG-auto-tuners] YT-100 and Ham Radio Deluxe

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-22 19:24:42 UTC
From: VE6LB
Topic: 5545 Message: 5554

Right, that's what backwards compatible means. 3.0 will support older versions (2&3). 3.0 will not work with 2 or 1.

Gerry ve6lb

From: Randy B.
Sent: Sunday, July 22, 2012 1:05 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: RE: [LDG-auto-tuners] YT-100 and Ham Radio Deluxe

Yes, but 3.0 will not work with 2.0 if I read the post right. So if you have something new that must have 3.0, you can't use 2.0. Did I say that right? Time for a pill!!

Randy

From: mailto:LDG-auto-tuners%40yahoogroups.com
[mailto:mailto:LDG-auto-tuners%40yahoogroups.com] On Behalf Of VE6LB
Sent: Sunday, July 22, 2012 2:00 PM
To: mailto:LDG-auto-tuners%40yahoogroups.com
Subject: Re: [LDG-auto-tuners] YT-100 and Ham Radio Deluxe

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Gerry VE6LB

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Sent: Sunday, July 22, 2012 11:13 AM
To: mailto:LDG-auto-tuners%40yahoogroups.com <mailto:LDG-auto-tuners%40yahoogroups.com>
Subject: RE: [LDG-auto-tuners] YT-100 and Ham Radio Deluxe

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Randy

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Sent: Sunday, July 22, 2012 7:10 AM
To: mailto:LDG-auto-tuners%40yahoogroups.com
Subject: Re: [LDG-auto-tuners] YT-100 and Ham Radio Deluxe

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To: mailto:LDG-auto-tuners%40yahoogroups.com <mailto:LDG-auto-tuners%40yahoogroups.com>
Sent: Saturday, July 21, 2012 9:38 PM
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From: bobmary37
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5555. Re: [LDG-auto-tuners] YT-100 and Ham Radio Deluxe

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-22 20:23:49 UTC
From: Robert Allen
Topic: 5545 Message: 5555

You guys are cracking me up. Actually I just d/l the 3.0 driver from Dell. My wireless mouse and my ipad work fine in both the 2.0 and 3.0 connections. I ordered a cable from RT Systems that I hope will let me into HRD. Thank you all for your posts. It is greatly appreciated.

From: VE6LB <ve6lb@...>
To: LDG-auto-tuners@yahoogroups.com
Sent: Sunday, July 22, 2012 2:24 PM
Subject: Re: [LDG-auto-tuners] YT-100 and Ham Radio Deluxe

Right, that’s what backwards compatible means. 3.0 will support older versions (2&3). 3.0 will not work with 2 or 1.

Gerry ve6lb

From: Randy B.
Sent: Sunday, July 22, 2012 1:05 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: RE: [LDG-auto-tuners] YT-100 and Ham Radio Deluxe

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From: mailto:LDG-auto-tuners%40yahoogroups.com
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Sent: Sunday, July 22, 2012 2:00 PM
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Subject: Re: [LDG-auto-tuners] YT-100 and Ham Radio Deluxe

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Subject: RE: [LDG-auto-tuners] YT-100 and Ham Radio Deluxe

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Sent: Sunday, July 22, 2012 7:10 AM
To: mailto:LDG-auto-tuners%40yahoogroups.com
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<mailto:wb8nbi%40suddenlink.net%20%3cmailto:wb8nbi%40suddenlink.net>
<mailto:wb8nbi%40suddenlink.net> >
To: mailto:LDG-auto-tuners%40yahoogroups.com <mailto:LDG-auto-tuners%40yahoogroups.com>
Sent: Saturday, July 21, 2012 9:38 PM
Subject: Re: [LDG-auto-tuners] YT-100 and Ham Radio Deluxe

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5556. Re: [LDG-auto-tuners] Re: RT-11 to IC-706 cable pin connections

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-22 20:28:19 UTC
From: Robert Allen
Topic: 5544 Message: 5556

Hello Dwayne. WB4SJN from Cedar Creek ARC. I ordered a CT-62 cable from RT Systems to connect with HRD through the YT-100 and the FT857D. I hope this is the right cable. Many thanks to you from all of the CCARC here in Texas.

From: Dwayne <ldgyahoo@ldgelectronics.com>
To: LDG-auto-tuners@yahoogroups.com
Sent: Sunday, July 22, 2012 11:38 AM
Subject: [LDG-auto-tuners] Re: RT-11 to IC-706 cable pin connections

Rick,

You may be correct. I can't figure out how that would work. You should go by the diagram on the LDG web site. Click Products, Discontinued Misc, Discontinued Cables, then "RT-11 to Icom" wiring diagram.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, yg@... wrote:
>
> Does anyone have the correct pin connections for the cable that goes from the DB-9 connector on the RT-11 to the 4-pin tuner connector on the back of the IC-706?
>
> There is a file in the Files section of this group called "RT11 Remote.GIF" that shows a connection diagram but I can't see how it can be correct. It shows the 706 pin 2 ("Start") as going to pin 2 on the RT-11... but pin 2 of the RT-11 is the "Tuner bypass" pin whereas pin 3 of the RT-11 is "Tune control". Seems like pin 2 on the IC-706 should go to pin 3 on the RT-11, not pin 2.
>
> Since that connection appears to be wrong, I don't have a lot of confidence in the connection shown for pin 1 on the IC-706 (the "Key" pin) going to pin 7 on the RT-11 (which the RT-11 manual describes, rather uninformatively, as "Radio out. This line is used in the tuner interface with Icom and Alinco radios.").
>
> My best guess, from searching all over the web, is:
>
> ICOM RT-11
> 1 <-- 7 (NOTE: NOT sure about this one)
> 2 --> 3
> 3 --> 1
> 4 --> 8 & 9
>
> RT-11 pins 2, 4, 5, and 6 are not connected.
>
> Is that correct?

>
> Thanks...
>
> Rick WA1RKT
> Londonderry, NH
>

[Non-text portions of this message have been removed]

5557. Re: RT-11 to IC-706 cable pin connections

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-23 16:47:43 UTC
From: Dwayne
Topic: 5544 Message: 5557

Rick,

Wiring it correctly could have damaged the tuner. Processors were not very forgiving 15 years ago as they are now.

If it does not work when you make the correct cable, it will probably need to be sent back for a checkout.

We do not have any upgrades for that model.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, yg@... wrote:
>
>
>
> > You should go by the diagram on the LDG web site. Click Products,
> > Discontinued Misc, Discontinued Cables, then "RT-11 to Icom" wiring
> > diagram.
>
> Ahah! THERE it is! I searched high and low looking for that diagram and couldn't find it; obviously I looked everywhere except in the right place. :-)
>
> The way that diagram shows is the way I wired it up (meaning that it appears I guessed correctly), and it does not work. The IC706's front panel Tune control puts it into Tune for less than a half second and then stops tuning, with the SWR still very high. It does this on any band, and with three different antennas and two different IC-706MKIIG's. Both IC-706MKIIG's tune correctly with a Z-100, an IT-100, and an AT-7000. And, the RT-11 works correctly with its RT-11 Remote box.
>
> I haven't used the RT-11 for a few years but I do recall several years ago that I tried to use it with the 706 in my truck and never did get the 706's front panel Tune control to work correctly. I set it up in the truck with the RT Remove box and then got distracted doing other things, so I never did get around to finding out why it wouldn't work correctly with the 706's Tune control.
>
> I guess I'd still like to get the RT-11 to work with the 706 if I can, since I'm now setting up an emcomm station in my motorhome and wanted to use the RT-11 for that since all my other LDG tuners are otherwise assigned. The firmware (I assume that chip with the paper label is the firmware) is rev RT1.3. Is there a later firmware chip available that I can try?
>
> Rick WA1RKT
> Londonderry, NH
>

5558. Re: RT-11 to IC-706 cable pin connections

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-23 16:52:07 UTC
From: Dwayne
Topic: 5544 Message: 5558

Hi Robert,

I'd be the wrong guy to ask about HRD as I've never used it. There should be several knowledgeable users on this group that have interfaced the radio/LDG tuner/HRD with success.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, Robert Allen <bobmary37@...> wrote:
>
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>
> _____
> From: Dwayne <ldgyahoo@...>
> To: LDG-auto-tuners@yahoogroups.com
> Sent: Sunday, July 22, 2012 11:38 AM
> Subject: [LDG-auto-tuners] Re: RT-11 to IC-706 cable pin connections
>
>
> Â
> Rick,
>
> You may be correct. I can't figure out how that would work. You should go by the diagram on the LDG web site. Click Products, Discontinued Misc, Discontinued Cables, then "RT-11 to Icom" wiring diagram.
>
> Dwayne Kincaid
> LDG
>
> --- In LDG-auto-tuners@yahoogroups.com, yg@ wrote:
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> > Does anyone have the correct pin connections for the cable that goes from the DB-9 connector on the RT-11 to the 4-pin tuner connector on the back of the IC-706?
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> > There is a file in the Files section of this group called "RT11 Remote.GIF" that shows a connection diagram but I can't see how it can be correct. It shows the 706 pin 2 ("Start") as going to pin 2 on the RT-11... but pin 2 of the RT-11 is the "Tuner bypass" pin whereas pin 3 of the RT-11 is "Tune control". Seems like pin 2 on the IC-706 should go to pin 3 on the RT-11, not pin 2.
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> > RT-11 pins 2, 4, 5, and 6 are not connected.
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> > Is that correct?
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> > Thanks...
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> > Rick WA1RKT
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> >
>
>
>
>
> [Non-text portions of this message have been removed]
>

5559. Re: RT-11 to IC-706 cable pin connections

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-23 17:28:43 UTC
From: yg@internetsmallfry.com
Topic: 5544 Message: 5559

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
> Wiring it correctly could have damaged the tuner.

Good afternoon, Dwayne.

You mean wiring it INcorrectly could have damaged the tuner, right? I never did wire it incorrectly... as I said I guessed right when I first wired it up, and it was wired as shown on the diagram on your website.

> If it does not work when you make the correct cable,
> it will probably need to be sent back for a checkout.

I can do that, but like I said, the RT-11 works correctly with the RT-11 Remote box, so does that indicate anything? At the very least it should indicate that there is no damage in the RT-11 itself.

Despite all of that, if it turns out there is something broken, will you have the parts to fix it? And what are the chances it'll cost more to fix than the thing is worth? As I said it does work correctly with the RT-11 Remote, but using the RT-11 Remote is not practical in the emcomm setup in my motorhome.

Rick WA1RKT

5560. Re: RT-11 to IC-706 cable pin connections

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-24 14:29:38 UTC
From: Dwayne
Topic: 5544 Message: 5560

Rick,

That is right. You should be fine.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, yg@... wrote:
>
>
>
> --- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@> wrote:
> >
> > Wiring it correctly could have damaged the tuner.
>
> Good afternoon, Dwayne.
>
> You mean wiring it INcorrectly could have damaged the tuner, right? I never did wire it incorrectly... as I said I guessed right when I first wired it up, and it was wired as shown on the diagram on your website.
>
> > If it does not work when you make the correct cable,
> > it will probably need to be sent back for a checkout.
>
> I can do that, but like I said, the RT-11 works correctly with the RT-11 Remote box, so does that indicate anything? At the very least it should indicate that there is no damage in the RT-11 itself.
>
> Despite all of that, if it turns out there is something broken, will you have the parts to fix it? And what are the chances it'll cost more to fix than the thing is worth? As I said it does work correctly with the RT-11 Remote, but using the RT-11 Remote is not practical in the emcomm setup in my motorhome.
>
> Rick WA1RKT
>

5561. LDG AT-1000Pro - meter light burned out

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-24 03:46:25 UTC
From: k5hem
Topic: 5561 Message: 5561

My fairly new AT-1000Pro just burned out the meter light - is there an easy fix?

73 - Hal - K5HEM

5562. Re: LDG AT-1000Pro - meter light burned out

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-24 23:09:01 UTC
From: Dwayne
Topic: 5561 Message: 5562

Hal,

"Easy" is a relative term. What is easy for some may be very hard for others. You will need to know how to solder small parts.

The replacement bulb is available from www.cheapham.com.

If you get the bulb and it's beyond your capability, LDG will always install it for you at no charge.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "k5hem" <kilo5hem@...> wrote:
>
> My fairly new AT-1000Pro just burned out the meter light - is there an easy fix?
>
> 73 - Hal - K5HEM
>

5563. Re: [LDG-auto-tuners] Re: LDG AT-1000Pro - meter light burned out

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-24 23:39:28 UTC
From: Gerry-NetBook
Topic: 5561 Message: 5563

I try, wherever possible, to replace incandescent lights with LEDs.

Gerry VE6LB

From: Dwayne
Sent: Tuesday, July 24, 2012 5:09 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: LDG AT-1000Pro - meter light burned out

Hal,

"Easy" is a relative term. What is easy for some may be very hard for others. You will need to know how to solder small parts.

The replacement bulb is available from www.cheapham.com.

If you get the bulb and it's beyond your capability, LDG will always install it for you at no charge.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "k5hem" <kilo5hem@...> wrote:
>
> My fairly new AT-1000Pro just burned out the meter light - is there an easy fix?
>
> 73 - Hal - K5HEM
>

[Non-text portions of this message have been removed]

5564. IT-100 and 102" whip

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-24 23:49:41 UTC
From: Phil
Topic: 5564 Message: 5564

I'm planning a mobile station with my new IC-7000.

Can I use a IC-7000/It-100 combo with a 102" whip?

Perhaps with a balun?

Thanks, Phil

[Non-text portions of this message have been removed]

5565. Icom 706Mk2g and Z100+

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-27 14:16:35 UTC
From: n0we
Topic: 5565 Message: 5565

I have an Icom 706 and the RF Tune control from Better RF. My question is when I use my Z100+ tuner do I need my RF Tune control or can I hook the Z100+ directly to the 706 so when I hit tune it activates the tuner and produces a signal?

5566. Re: IT-100 and 102" whip

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-27 01:09:34 UTC
From: gealto2000
Topic: 5564 Message: 5566

Phil,

The 102 whip would work for probably 6-15 meters with your setup, but not much more. What bands are you planning on using?

Gene KC9WFW

--- In LDG-auto-tuners@yahoogroups.com, "Phil" <mypactor@...> wrote:
>
> I'm planning a mobile station with my new IC-7000.
>
> Can I use a IC-7000/It-100 combo with a 102" whip?
>
> Perhaps with a balun?
>
> Thanks, Phil
>
>
>
> [Non-text portions of this message have been removed]
>

5567. Re: IT-100 and 102" whip

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-27 16:07:44 UTC
From: yg@internetsmallfry.com
Topic: 5564 Message: 5567

Actually it works reasonably well on 20 and marginally on 40.

--- In LDG-auto-tuners@yahoogroups.com, "gealto2000" <gealto2000@...> wrote:
>
> Phil,
>
> The 102 whip would work for probably 6-15 meters with your setup,
> but not much more. What bands are you planning on using?
>
> Gene KC9WFW

5568. RE: [LDG-auto-tuners] Re: IT-100 and 102" whip

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-28 00:42:54 UTC
From: Phil
Topic: 5564 Message: 5568

Hi, Gene... thanks for the reply. Well, 80m is my favorite band so guess my best bet would be the Icom AH4

What do you think?

73, Phil

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of gealto2000
Sent: Thursday, July 26, 2012 6:10 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: IT-100 and 102" whip

Phil,

The 102 whip would work for probably 6-15 meters with your setup, but not much more. What bands are you planning on using?

Gene KC9WFW

--- In LDG-auto-tuners@yahoogroups.com <mailto:LDG-auto-tuners%40yahoogroups.com> , "Phil" <mypactor@...> wrote:
>
> I'm planning a mobile station with my new IC-7000.
>
> Can I use a IC-7000/It-100 combo with a 102" whip?
>
> Perhaps with a balun?
>
> Thanks, Phil
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

5569. Re: IT-100 and 102" whip

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-28 00:48:53 UTC
From: gealto2000
Topic: 5564 Message: 5569

Phil,

Try a 40M Hamstick with the IT-100, you'll get 20 - 80. Don't expect miracles on 80. Then plug that 102 whip for the high bands.

Gene KC9WFW

--- In LDG-auto-tuners@yahoogroups.com, "Phil" <mypactor@...> wrote:
>
> Hi, Gene... thanks for the reply. Well, 80m is my favorite band so guess
> my best bet would be the Icom AH4
>
> What do you think?
>
> 73, Phil
>
>
> _____
>
> From: LDG-auto-tuners@yahoogroups.com
> [mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of gealto2000
> Sent: Thursday, July 26, 2012 6:10 PM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: [LDG-auto-tuners] Re: IT-100 and 102" whip
>
>
>
>
> Phil,
>
> The 102 whip would work for probably 6-15 meters with your setup, but not
> much more. What bands are you planning on using?
>
> Gene KC9WFW
>
> --- In LDG-auto-tuners@yahoogroups.com
> <mailto:LDG-auto-tuners%40yahoogroups.com> , "Phil" <mypactor@> wrote:
> >
> > I'm planning a mobile station with my new IC-7000.
> >
> > Can I use a IC-7000/It-100 combo with a 102" whip?
> >
> > Perhaps with a balun?
> >
> > Thanks, Phil
> >

> >
> >
> > [Non-text portions of this message have been removed]
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>
> [Non-text portions of this message have been removed]
>

5570. Re: YT-100 and Ham Radio Deluxe

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-28 00:53:32 UTC
From: gealto2000
Topic: 5545 Message: 5570

Robert,

If you're using Windows 7, there are known issues with USB/serial adapters and HRD. Try recycling an old PC with a real serial port.

Gene KC9WFW

--- In LDG-auto-tuners@yahoogroups.com, Robert Allen <bobmary37@...> wrote:
>
> You guys are cracking me up. Actually I just d/l the 3.0 driver from Dell. My wireless mouse and my ipad work fine in both the 2.0 and 3.0 connections. I ordered a cable from RT Systems that I hope will let me into HRD. Thank you all for your posts. It is greatly appreciated.
>
>
> _____
> From: VE6LB <ve6lb@...>
> To: LDG-auto-tuners@yahoogroups.com
> Sent: Sunday, July 22, 2012 2:24 PM
> Subject: Re: [LDG-auto-tuners] YT-100 and Ham Radio Deluxe
>
3). 3.0 will not work with 2 or 1.
>
> Gerry ve6lb
>
> From: Randy B.
> Sent: Sunday, July 22, 2012 1:05 PM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: RE: [LDG-auto-tuners] YT-100 and Ham Radio Deluxe
>
> Y>
> Â
>
> Right, thatâ☐☐s what backwards compatible means. 3.0 will support older versions (2&es, but 3.0 will not work with 2.0 if I read the post right. So if you have something new that must have 3.0, you canâ☐☐t use 2.0. Did I say that right? Time for a pill!!
>
> Randy
>
> From: mailto:LDG-auto-tuners%40yahoogroups.com [mailto:mailto:LDG-auto-tuners%40yahoogroups.com] On Behalf Of VE6LB
> Sent: Sunday, July 22, 2012 2:00 PM
> To: mailto:LDG-auto-tuners%40yahoogroups.com
> Subject: Re: [LDG-auto-tuners] YT-100 and Ham Radio Deluxe
>
> USB 1.0 works on 2 &3. USB 2.0 works on 3. The big difference between 1 & 2 is speed (as it is with 3).

>
> Gerry VE6LB
>
> From: Randy B.
> Sent: Sunday, July 22, 2012 11:13 AM
> To: mailto:LDG-auto-tuners%40yahoogroups.com <mailto:LDG-auto-tuners%40yahoogroups.com>
> Subject: RE: [LDG-auto-tuners] YT-100 and Ham Radio Deluxe
>
> So now it is 3.0. D***!!! It is always something new you have to buy. I never could tell much difference from USB 1.0 to 2.0 except the price. How about we quit buying their non-backward compatible s***. At least 1 and 2 would work together. My wallet looks like a elephant stepped on it from the bad economy now.
>
> Randy
>
> From: mailto:LDG-auto-tuners%40yahoogroups.com [mailto:mailto:LDG-auto-tuners%40yahoogroups.com] On Behalf Of Robert Allen
> Sent: Sunday, July 22, 2012 7:10 AM
> To: mailto:LDG-auto-tuners%40yahoogroups.com
> Subject: Re: [LDG-auto-tuners] YT-100 and Ham Radio Deluxe
>
> I think we found the problem.My computer is a new Dell laptop with 4 USB ports. Two are USB3.0, and two are USB2.0. I have a wireless mouse and an ipad and neither device works in the USB3.0 port. I had the cable from the radio plugged into one of the 3.0 ports and I am betting that if I plug into a 2.0 port it will do just fine(I hope). I ordered a cable from RT Systems and will let the group know if that works. I got the first cable from Radio Shack and it had the prolific chip set. In reading some of the posts it seems people are having problems with that chip set. Thanks for your reply.
>
> _____
> From: Jimmy (WB8NBI) <mailto:wb8nbi%40suddenlink.net <mailto:wb8nbi%40suddenlink.net%20%3cmailto:wb8nbi%40suddenlink.net> <mailto:wb8nbi%40suddenlink.net> >
> To: mailto:LDG-auto-tuners%40yahoogroups.com <mailto:LDG-auto-tuners%40yahoogroups.com>
> Sent: Saturday, July 21, 2012 9:38 PM
> Subject: Re: [LDG-auto-tuners] YT-100 and Ham Radio Deluxe
>
> Check your port speed I think the YT-100 needs 4800 so the radio and HRD need to be set to 4800.
>
> DE Jimmy (WB8NBI)
>
> From: bobmary37
> Sent: Friday, July 20, 2012 10:11 PM
> To: mailto:LDG-auto-tuners%40yahoogroups.com <mailto:LDG-auto-tuners%40yahoogroups.com>
> Subject: [LDG-auto-tuners] YT-100 and Ham Radio Deluxe
>
> I have a new YT-100 and just love it. Today I bought a serial to USB cable from radio shack and connected it with my CAT cable. When I tried to connect to HRD it would not read the frequency. I tried quite a few steps, as recommened by HRD but nothing worked. Any help would be appreciated.
>
> [Non-text portions of this message have been removed]
>

> [Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]
>

5571. LDG 200 Pro - problem

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-07-31 13:33:58 UTC
From: Mcqueen
Topic: 5571 Message: 5571

When I plug it in I get 3 flashing LED's on the far left of the
bar graph.

I tried pressing the ANT button while powering up & also pressing the
Funct. + Ant. + Tune buttons while powering up & nether had any effect.

Any ideas what the problem/fix may be would be much appreciated.

Thanks

Terry
W8EJO

5572. Re: [LDG-auto-tuners] LDG 200 Pro - problem

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-08-01 01:28:42 UTC
From: Jim Vandiver
Topic: 5571 Message: 5572

Hello Terry.

I have just found out on my 200Pro and IC-7000 that to power up I need to also have the Astron power supply powered off first.

Then I have to turn the power supply on along with the Radio while holding buttons in on the 200Pro.

So just remember to have all shut off first, including the power supply. I had problems till I shut the power supply off.

I hope that helps.

Jim N9CAR

From: Mcqueen
Sent: Tuesday, July 31, 2012 9:33 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] LDG 200 Pro - problem

When I plug it in I get 3 flashing LED's on the far left of the
bar graph.

I tried pressing the ANT button while powering up & also pressing the
Funct. + Ant. + Tune buttons while powering up & nether had any effect.

Any ideas what the problem/fix may be would be much appreciated.

Thanks

Terry
W8EJO

[Non-text portions of this message have been removed]

5573. RT-11 Remote

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-08-01 12:46:36 UTC
From: morsenut@aol.com
Topic: 3330 Message: 5573

Hello All,

Just wondering if anyone on the list has the remote control box for the RT-11?

I would like to buy one.

Please contact me at: morsenut@...

Thanks - 73.

Tim
WU3U

[Non-text portions of this message have been removed]

5575. Re: IT-100 and 102" whip

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-08-02 02:56:34 UTC
From: ac6dn
Topic: 5564 Message: 5575

Search ebay for:
80, 40, and 20m, ham sticks AND quick disconnects for all the antennas. The 102 probably OK for 15-10m. 6m is 1/2 wave, so that not so nice to the tuner. Nor is 20m, as this is 1/8th wave.

The very best set up is a screwdriver antennas and no antenna tuner at all (sorry)...

AC6DN

--- In LDG-auto-tuners@yahoogroups.com, "gealto2000" <gealto2000@...> wrote:
>
> Phil,
>
> Try a 40M Hamstick with the IT-100, you'll get 20 - 80. Don't expect miracles on 80. Then plug that 102 whip for the high bands.
>
> Gene KC9WFW
>
> --- In LDG-auto-tuners@yahoogroups.com, "Phil" <mypactor@> wrote:
> >
> > Hi, Gene... thanks for the reply. Well, 80m is my favorite band so guess
> > my best bet would be the Icom AH4
> >
> > What do you think?
> >
> > 73, Phil
> >
> >
> > _____
> >
> > From: LDG-auto-tuners@yahoogroups.com
> > [mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of gealto2000
> > Sent: Thursday, July 26, 2012 6:10 PM
> > To: LDG-auto-tuners@yahoogroups.com
> > Subject: [LDG-auto-tuners] Re: IT-100 and 102" whip
> >
> >
> >
> >
> >
> > Phil,
> >
> > The 102 whip would work for probably 6-15 meters with your setup, but not
> > much more. What bands are you planning on using?
> >
> > Gene KC9WFW
> >

> > --- In LDG-auto-tuners@yahoogroups.com
> > <mailto:LDG-auto-tuners%40yahoogroups.com> , "Phil" <mypactor@> wrote:
> > >
> > > I'm planning a mobile station with my new IC-7000.
> > >
> > > Can I use a IC-7000/It-100 combo with a 102" whip?
> > >
> > > Perhaps with a balun?
> > >
> > > Thanks, Phil
> > >
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> >
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

5576. RT-11 and AT-11 Remote Control Heads

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-08-02 15:54:51 UTC
From: morsenut@aol.com
Topic: 5576 Message: 5576

Hi all,

Does anyone know if the remote control boxes for the LDG RT-11 and the LDG AT-11 are the same?

Please let me know.

My direct E mail is: morsenut@...

Thanks,

Tim
WU3U

[Non-text portions of this message have been removed]

5577. Re: RT-11 and AT-11 Remote Control Heads

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-08-02 20:22:07 UTC
From: Dwayne
Topic: 5576 Message: 5577

Hello Tim,

We never made a remote for the AT-11 tuner, but we did make a remote for the AT-11MP tuner called AT-11MP-Remote and it was different than the RT-Remote for the RT-11 tuner.

Also at one time, we made an adapter board to allow the AT-11 tuner to use the AT-11MP-Remote called the ACC-11. That interface was also different than the RT-Remote.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, morsenut@... wrote:
>
> Hi all,
>
> Does anyone know if the remote control boxes for the LDG RT-11 and the LDG AT-11 are the same?
>
> Please let me know.
>
> My direct E mail is: morsenut@...
>
> Thanks,
>
> Tim
> WU3U
>
>
> [Non-text portions of this message have been removed]
>

5578. Re: RT-11 Remote

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-08-02 20:24:14 UTC
From: Dwayne
Topic: 3330 Message: 5578

Tim,

Possibly try www.w4rt.com. We sent them the last box we had a few years ago.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, morsenut@... wrote:
>
> Hello All,
>
> Just wondering if anyone on the list has the remote control box for the RT-11?
>
> I would like to buy one.
>
> Please contact me at: morsenut@...
>
> Thanks - 73.
>
> Tim
> WU3U
>
>
> [Non-text portions of this message have been removed]
>

5579. Re: [LDG-auto-tuners] Re: RT-11 and AT-11 Remote Control Heads

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-08-02 20:34:57 UTC
From: AG0N-3055
Topic: 5576 Message: 5579

On Thu, 02 Aug 2012 20:22:07 -0000, Dwayne wrote:

>
> Dwayne Kincaid
> LDG

Since there is a rep of LDG here...

Can you tell me why my IT-100 does not seem to be out of circuit when the tuner is not turned on by the IC-7000. Sometimes, I go to a different band and the receiver seems hearing impaired. If I turn the tuner on and let it retune, it is fine, and stays that way when I turn the tuner off on the radio.

Thanks, Dwayne.

Gary
--
http://ag0n.net
3055: http://ag0n.net/irlp/3055
NodeOp Help Page: http://ag0n.net/irlp

5580. Z100 Auto tuner stoped working.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-08-03 00:05:39 UTC
From: vk2bo
Topic: 5580 Message: 5580

G'Day,

I have a LDG Z100 tuner that has stoped working for no apparent fault.

Has anyone else experienced this?

If so what was the remedy.

Cheers

Richard
VK2BO

5581. Re: remote control for push button and LED's

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-08-03 01:32:52 UTC
From: dj_wa9ubr
Topic: 1274 Message: 5581

i have a Z100 that I would like to remote at the bse of my S9V43 antenna. I found this 8 year old message thread and it seems to be telling me what I need to do. I'm wondering if you remember how your effort turned out?

i'm also wonering how heavy the remote wires will need to be. The antenna is about 50 feet from my radio. Which is why I'm putting te tunner at the base of the antenna.

Thanks.
DJ de WA9UBR

5582. Re: remote control for push button and LED's

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-08-03 02:13:02 UTC
From: Richard Neilsen
Topic: 1274 Message: 5582

I have done this mod to my tuner and it works great.

--
Richard Neilsen
President Blue Mountains Amateur Radio Club.
VK2BO

5583. Re: RT-11 and AT-11 Remote Control Heads

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-08-03 19:01:17 UTC
From: Dwayne
Topic: 5576 Message: 5583

Gary,

Since no Icom tuners have latching relays, almost all Icom radios send a bypass command to the tuner when you turn them on.

Similarly, some of the Icom radios (including the IC-7000) sends a bypass command to the tuner when you use the band up/down button to change bands.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, AG0N-3055 <mcduffie@...> wrote:
>
> On Thu, 02 Aug 2012 20:22:07 -0000, Dwayne wrote:
>
> >
> > Dwayne Kincaid
> > LDG
>
> Since there is a rep of LDG here...
>
> Can you tell me why my IT-100 does not seem to be out of circuit when
> the tuner is not turned on by the IC-7000. Sometimes, I go to a
> different band and the receiver seems hearing impaired. If I turn the
> tuner on and let it retune, it is fine, and stays that way when I turn
> the tuner off on the radio.
>
> Thanks, Dwayne.
>
> Gary
> --
> http://ag0n.net
> 3055: http://ag0n.net/irlp/3055
> NodeOp Help Page: http://ag0n.net/irlp
>

5584. Was RT-11 AT-11:: Now Tuner in ciruit all the time?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-08-03 20:21:23 UTC
From: AG0N-3055
Topic: 5576 Message: 5584

On Fri, 03 Aug 2012 19:01:17 -0000, Dwayne wrote:

> Since no Icom tuners have latching relays, almost all Icom radios send a bypass
> command to the tuner when you turn them on.

Sounds reasonable.

> Similarly, some of the Icom radios (including the IC-7000) sends a bypass command
> to the tuner when you use the band up/down button to change bands.

Also sounds right.

This doesn't answer why the tuner sometimes seems to be left in the circuit when the radio says it is not. It sucks the signals out because it has not been tuned on the band I changed to. Even though it says it is "off", I have to tell it to tune just to get the signals back on the receiver. THEN, when I turn the tuner back off, it is fine. It acts like the tuner is still electrically inline but tuned to the wrong band until I tell it to tune.

Example: Use the radio on 75M with the tuner inline, tuned to 3.950. Go up to six meters and change antennas. Receiver is deaf. Tuner indicator on the radio is not lit. Hit the tuner button, let it tune, receiver comes alive. Turn the tuner off with the radio button, it is still good. As I type this, I realize I have not run a test to see what the radios indication is for SWR when this happens. If the tuner is still on 75M and still in the circuit even though the radio says it isn't, then it should be high.

The instructions didn't say anything about making any menu changes when installing the tuner. The radio is new, and I didn't change anything on the tuner menu. Is there something that needs to be done there?

I also question the memory function. It almost always (almost always, not always) does the long tune procedure when you hit it, even though it is on the same frequency it was on the last time it was turned on. Example: Tune it on 50.125, take it out of circuit with radio button, go to another band (10, 20, etc.) awhile, come back, hit the tuner and it goes into long procedure again. I've even turned it off (radio button), then turned it right back on again, and it long tunes again.

I never use the button on the tuner.

It has never failed to tune properly.

If we need to take this off-list, please feel free to email me at ag0n at ag0n dot net.

Thanks for your advice.

Gary - AG0N
Scottsbluff NE
--
http://ag0n.net
3055: http://ag0n.net/irlp/3055
NodeOp Help Page: http://ag0n.net/irlp

5585. AT-600 Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-08-08 16:18:14 UTC
From: shibukiau
Topic: 5585 Message: 5585

I've been using an AT-600 PRO tuner at my remote HF station since the introduction of the tuner and it has worked well until recently.

Recently the tuner started to jump off it's tune point when using the TX. The tuner holds it's tune point at the start of the QSO but then starts to jump around as if something heats up internally in the tuner causing to go into a retune cycle. It gets worse as the transmission continues until it goes so far the TX just shuts down.

Is anyone else experiencing this problem?

My station consists of a TS480HX and the antenna is a Zero Five 1040 27 ft vertical fed by about 200 ft of 9913 coax.

It's worked very well until it started to have these problems a couple of months ago.

Any suggestions on how to fix this as it's getting bad enough to make the station unusable.

Thanks for your help!

Lloyd
VE3ERQ

5586. Re: [LDG-auto-tuners] AT-600 Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-08-08 16:57:04 UTC
From: joe_aj3o@yahoo.com
Topic: 5585 Message: 5586

Check the coax run, the radials at the antenna, the antenna itself, the balun or unun at the antenna, and the jumper from the radio to the tuner for any loose connections or signs of corrosion or shorts. That would be the first thing I would do. Maintenance and prevention every few months on these things are the most important to keep things good in the shack. If these all check out good, someone here might know of something else to help you.

-----Original message-----
From: shibukiau <kubisl@...>
To: LDG-auto-tuners@yahoogroups.com
Sent: Wed, Aug 8, 2012 12:30:09 EDT
Subject: [LDG-auto-tuners] AT-600 Pro

I've been using an AT-600 PRO tuner at my remote HF station since the introduction of the tuner and it has worked well until recently.

Recently the tuner started to jump off it's tune point when using the TX. The tuner holds it's tune point at the start of the QSO but then starts to jump around as if something heats up internally in the tuner causing to go into a retune cycle. It gets worse as the transmission continues until it goes so far the TX just shuts down.

Is anyone else experiencing this problem?

My station consists of a TS480HX and the antenna is a Zero Five 1040 27 ft vertical fed by about 200 ft of 9913 coax.

It's worked very well until it started to have these problems a couple of months ago.

Any suggestions on how to fix this as it's getting bad enough to make the station unusable.

Thanks for your help!

Lloyd
VE3ERQ

[Non-text portions of this message have been removed]

5587. Re: AT-600 Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-08-08 19:03:33 UTC
From: Dwayne
Topic: 5585 Message: 5587

Lloyd,

Sounds like a bad relay or inductor. They don't recover once they are stressed, it will probably have to be repaired.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "shibukiau" <kubisl@...> wrote:
>
> I've been using an AT-600 PRO tuner at my remote HF station since the introduction of the tuner and it has worked well until recently.
>
> Recently the tuner started to jump off it's tune point when using the TX. The tuner holds it's tune point at the start of the QSO but then starts to jump around as if something heats up internally in the tuner causing to go into a retune cycle. It gets worse as the transmission continues until it goes so far the TX just shuts down.
>
> Is anyone else experiencing this problem?
>
> My station consists of a TS480HX and the antenna is a Zero Five 1040 27 ft vertical fed by about 200 ft of 9913 coax.
>
> It's worked very well until it started to have these problems a couple of months ago.
>
> Any suggestions on how to fix this as it's getting bad enough to make the station unusable.
>
> Thanks for your help!
>
> Lloyd
> VE3ERQ
>

5588. Re: [LDG-auto-tuners] Re: AT-600 Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-08-10 02:09:19 UTC
From: Michael Walker
Topic: 5585 Message: 5588

Lloyd

I run a remote base as well. You'll find problems like this will drive you crazy.

It comes down to a tuner problem or an antenna problem (doh!). It is hard to prove if it is a tuner issue, so that leave the antenna (everything past the tuner).

I found investing in a Rig Expert http://www.rigexpert.com/index?s=aa54 worth every penny. About the same price as the MFJ stuff, but soo much better.

Since you can now sweep things with a picture, you can now have before and after pictures. A good tool to use to see what changed.

I have the AA 230 Pro as it has a built in TDR that is great for sweeping your feedlines.

Radio World stocks them.

Mike va3mw

On Wed, Aug 8, 2012 at 3:03 PM, Dwayne <ldgyahoo@...> wrote:

> **
>
>
> Lloyd,
>
> Sounds like a bad relay or inductor. They don't recover once they are
> stressed, it will probably have to be repaired.
>
> Dwayne Kincaid
> LDG
>
>
> --- In LDG-auto-tuners@yahoogroups.com, "shibukiau" <kubisl@...> wrote:
> >
> > I've been using an AT-600 PRO tuner at my remote HF station since the
> introduction of the tuner and it has worked well until recently.
> >
> > Recently the tuner started to jump off it's tune point when using the
> TX. The tuner holds it's tune point at the start of the QSO but then starts
> to jump around as if something heats up internally in the tuner causing to
> go into a retune cycle. It gets worse as the transmission continues until
> it goes so far the TX just shuts down.

> >
> > Is anyone else experiencing this problem?
> >
> > My station consists of a TS480HX and the antenna is a Zero Five 1040 27
> ft vertical fed by about 200 ft of 9913 coax.
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> > It's worked very well until it started to have these problems a couple
> of months ago.
> >
> > Any suggestions on how to fix this as it's getting bad enough to make
> the station unusable.
> >
> > Thanks for your help!
> >
> > Lloyd
> > VE3ERQ
> >
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>

[Non-text portions of this message have been removed]

5589. Re: AT-600 Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-08-12 03:15:00 UTC
From: shibukiau
Topic: 5585 Message: 5589

Hi Mike --- A good analyzer is handy,I have an AIM 4170 which I like very much but I left it in Australia as I am thinking of getting a VNA.

The antenna is a Zero Five vertical at 27 ft making it non-resonant on any Ham band, so the VSWR will be high by design.

The strange part is this combination has worked well for almost 3 years and has only started to act up recently. I have one more thing to check before I rip into the tuner that could be the culprit.

I forgot that I have a gas tube lightning arrestor in line so I will check that out as these go bad at times and could cause the problem I'm experiencing. Just have get to the remote site.

Thanks for the suggestion and comments on the Rigexpert, they are a nice looking unit!

Cheers!
Lloyd
VE3ERQ/VK4ERQ

--- In LDG-auto-tuners@yahoogroups.com, Michael Walker <va3mw@...> wrote:
>
> Lloyd
>
> I run a remote base as well. You'll find problems like this will drive you
> crazy.
>
> It comes down to a tuner problem or an antenna problem (doh!). It is hard
> to prove if it is a tuner issue, so that leave the antenna (everything past
> the tuner).
>
> I found investing in a Rig Expert http://www.rigexpert.com/index?s=aa54
> worth every penny. About the same price as the MFJ stuff, but soo much
> better.
>
> Since you can now sweep things with a picture, you can now have before and
> after pictures. A good tool to use to see what changed.
>
> I have the AA 230 Pro as it has a built in TDR that is great for sweeping
> your feedlines.
>
> Radio World stocks them.
>
> Mike va3mw
>
> On Wed, Aug 8, 2012 at 3:03 PM, Dwayne <ldgyahoo@...> wrote:

>
> > **
> >
> >
> > Lloyd,
> >
> > Sounds like a bad relay or inductor. They don't recover once they are
> > stressed, it will probably have to be repaired.
> >
> > Dwayne Kincaid
> > LDG
> >
> >
> > --- In LDG-auto-tuners@yahoogroups.com, "shibukiau" <kubisl@> wrote:
> > >
> > > I've been using an AT-600 PRO tuner at my remote HF station since the
> > introduction of the tuner and it has worked well until recently.
> > >
> > > Recently the tuner started to jump off it's tune point when using the
> > TX. The tuner holds it's tune point at the start of the QSO but then starts
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> > it goes so far the TX just shuts down.
> > >
> > > Is anyone else experiencing this problem?
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> > > My station consists of a TS480HX and the antenna is a Zero Five 1040 27
> > ft vertical fed by about 200 ft of 9913 coax.
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> > > It's worked very well until it started to have these problems a couple
> > of months ago.
> > >
> > > Any suggestions on how to fix this as it's getting bad enough to make
> > the station unusable.
> > >
> > > Thanks for your help!
> > >
> > > Lloyd
> > > VE3ERQ
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>
> [Non-text portions of this message have been removed]
>

5590. Re: [LDG-auto-tuners] Re: AT-600 Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-08-12 12:34:25 UTC
From: Michael Walker
Topic: 5585 Message: 5590

Good luck...

Where is your remote base?

Here is a posting from about 3 years ago on mine:
http://walkerphoto.blogspot.ca/2009/07/remote-ham-radio-operating.html.

This was before I installed the AT1000Pro on the LDG500 amp.

Mike va3mw

On Sat, Aug 11, 2012 at 11:15 PM, shibukiau <kubisl@iprimus.com.au> wrote:

> **
>
>
>
>
> Hi Mike --- A good analyzer is handy,I have an AIM 4170 which I like very
> much but I left it in Australia as I am thinking of getting a VNA.
>
> The antenna is a Zero Five vertical at 27 ft making it non-resonant on any
> Ham band, so the VSWR will be high by design.
>
> The strange part is this combination has worked well for almost 3 years
> and has only started to act up recently. I have one more thing to check
> before I rip into the tuner that could be the culprit.
>
> I forgot that I have a gas tube lightning arrestor in line so I will check
> that out as these go bad at times and could cause the problem I'm
> experiencing. Just have get to the remote site.
>
> Thanks for the suggestion and comments on the Rigexpert, they are a nice
> looking unit!
>
> Cheers!
> Lloyd
> VE3ERQ/VK4ERQ
>
> --- In LDG-auto-tuners@yahoogroups.com, Michael Walker <va3mw@...> wrote:
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> > Lloyd
> >
> > I run a remote base as well. You'll find problems like this will drive
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> > crazy.

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> > It comes down to a tuner problem or an antenna problem (doh!). It is hard
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> > the tuner).
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> > Since you can now sweep things with a picture, you can now have before
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> > after pictures. A good tool to use to see what changed.
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> > I have the AA 230 Pro as it has a built in TDR that is great for sweeping
> > your feedlines.
> >
> > Radio World stocks them.
> >
> > Mike va3mw
> >
> > On Wed, Aug 8, 2012 at 3:03 PM, Dwayne <ldgyahoo@...> wrote:
> >
> > > **
>
> > > >
> > > >
> > > > Lloyd,
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> > > > Sounds like a bad relay or inductor. They don't recover once they are
> > > > stressed, it will probably have to be repaired.
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> > > > Dwayne Kincaid
> > > > LDG
> > > >
> > > >
> > > > --- In LDG-auto-tuners@yahoogroups.com, "shibukiau" <kubisl@> wrote:
> > > > >
> > > > > I've been using an AT-600 PRO tuner at my remote HF station since the
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> > > > to jump around as if something heats up internally in the tuner
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> > > > go into a retune cycle. It gets worse as the transmission continues
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> > > > it goes so far the TX just shuts down.
> > > > >

> > > > Is anyone else experiencing this problem?
> > > >
> > > > My station consists of a TS480HX and the antenna is a Zero Five 1040
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> > > ft vertical fed by about 200 ft of 9913 coax.
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> > > > Any suggestions on how to fix this as it's getting bad enough to make
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> > > > Thanks for your help!
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> > > > Lloyd
> > > > VE3ERQ
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> > [Non-text portions of this message have been removed]
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5591. Re: [LDG-auto-tuners] AT-600 Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-08-16 22:46:57 UTC
From: doug pfaff
Topic: 5585 Message: 5591

Wiggle the connectors when checking with an ohmeter to find intermittent connections (short or opens).

Sounds like current flow is likely heating things up look for cold solder joints or loose hardware. Remember the current is about 1.4 amps into a 50 ohm ideal load at 100 watt output(P=E x I) or (P=Esqr/R) or (P=I sqrXR)

Is there moisture condensation in anything ,what is your environment? dry wet etc

Doug VE5DCP

----- Original Message -----
From: joe_aj3o@...
To: LDG-auto-tuners@yahoogroups.com
Sent: Wednesday, August 08, 2012 10:57 AM
Subject: Re: [LDG-auto-tuners] AT-600 Pro

Check the coax run, the radials at the antenna, the antenna itself, the balun or unun at the antenna, and the jumper from the radio to the tuner for any loose connections or signs of corrosion or shorts. That would be the first thing I would do. Maintenance and prevention every few months on these things are the most important to keep things good in the shack. If these all check out good, someone here might know of something else to help you.

-----Original message-----
From: shibukiau <kubisl@...>
To: LDG-auto-tuners@yahoogroups.com
Sent: Wed, Aug 8, 2012 12:30:09 EDT
Subject: [LDG-auto-tuners] AT-600 Pro

I've been using an AT-600 PRO tuner at my remote HF station since the introduction of the tuner and it has worked well until recently.

Recently the tuner started to jump off it's tune point when using the TX. The tuner holds it's tune point at the start of the QSO but then starts to jump around as if something heats up internally in the tuner causing to go into a retune cycle. It gets worse as the transmission continues until it goes so far the TX just shuts down.

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My station consists of a TS480HX and the antenna is a Zero Five 1040 27 ft vertical fed by about 200 ft of 9913 coax.

It's worked very well until it started to have these problems a couple of months ago.

Any suggestions on how to fix this as it's getting bad enough to make the station unusable.

Thanks for your help!

Lloyd
VE3ERQ

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

5592. Re: AT-600 Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-08-17 15:04:38 UTC
From: shibukiau
Topic: 5585 Message: 5592

The problem has been identified and fixed!

When I finally managed to get to the remote station site, I found that the tuner had jumped to Ant port 2 whereas I had it set up to use Ant port 1, thinking that was the default position.

As a result it turned out that I was RX/TX'g through an open relay contact of the Ant selector relay K9 which still surprisingly allowed the tuner to tune my vertical to all of the bands as it had done, except for 80m where it started to object.

I did notice the signals to be down somewhat but I was able to hold QSO's as before but with some difficulty. I just wrongly assumed it was conditions.

As I continued to operate this way strange things started to happen as I described earlier, with the difficulty of tuning up on 80m showing up first.

In my configuration, Ant2 port was left open. I suppose if it had been loaded with even 50 ohms, it would have caused a much more noticeable difference in signal levels leading me to the cause earlier.

To avoid having this reoccurr, I am going to disable relay K9 and use Ant port 2, which is trhe depowered port.

Oh BTW, once I moved the ant coax to Ant port2, the tuner functioned normally, tuning even at 80m, the most challenging band for the tuner.

Thanks go out to all for your suggestions and particularly to Dwayne at LDG for his speedy response and provision of operational detail of the tuner.

Cheers!
Lloyd
VE3ERQ/VK4ERQ

--- In LDG-auto-tuners@yahoogroups.com, "doug pfaff" <doug.pfaff@...> wrote:
>
> Wiggle the connectors when checking with an ohmeter to find intermittent connections (short or opens).
>
> Sounds like current flow is likely heating things up look for cold solder joints or loose hardware. Remember the current is about 1.4 amps into a 50 ohm ideal load at 100 watt output(P=E x I) or (P=Esqr/R) or (P=I sqrXR)
>
> Is there moisture condensation in anything ,what is your environment? dry wet etc
>
>
> Doug VE5DCP
>

> ----- Original Message -----
> From: joe_aj3o@...
> To: LDG-auto-tuners@yahoogroups.com
> Sent: Wednesday, August 08, 2012 10:57 AM
> Subject: Re: [LDG-auto-tuners] AT-600 Pro
>
>
>
> Check the coax run, the radials at the antenna, the antenna itself, the
> balun or unun at the antenna, and the jumper from the radio to the tuner for
> any loose connections or signs of corrosion or shorts. That would be the
> first thing I would do. Maintenance and prevention every few months on these
> things are the most important to keep things good in the shack. If these all
> check out good, someone here might know of something else to help you.
>
> -----Original message-----
> From: shibukiau <kubisl@...>
> To: LDG-auto-tuners@yahoogroups.com
> Sent: Wed, Aug 8, 2012 12:30:09 EDT
> Subject: [LDG-auto-tuners] AT-600 Pro
>
> I've been using an AT-600 PRO tuner at my remote HF station since the
> introduction of the tuner and it has worked well until recently.
>
> Recently the tuner started to jump off it's tune point when using the TX.
> The tuner holds it's tune point at the start of the QSO but then starts to
> jump around as if something heats up internally in the tuner causing to go
> into a retune cycle. It gets worse as the transmission continues until it
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> It's worked very well until it started to have these problems a couple of
> months ago.
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> Any suggestions on how to fix this as it's getting bad enough to make the
> station unusable.
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> Thanks for your help!
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> Lloyd
> VE3ERQ
>
> [Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]
>

5593. Need info re AT-600 Pro AUtotuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-08-19 16:34:56 UTC
From: mcyman
Topic: 5593 Message: 5593

I would like to know if other AT-600 Pro users experience this situation?

My Pro600 is connected to my Astron SS35M Supply (13.8vdc).

When I switch ON the Astron the AT-600 power comes ON and powers up .

When I than turn OFF (push LDG power button, LED goes out)) , and than turn off the Astron.

Here is what happens to my AT-600!

When the Astron is powered ON, the LDG Power comes back on!

I thought the tuner should remain OFF.????

Thanks ROB N8RT

5594. RE: [LDG-auto-tuners] Re: ldg z100 Plus to a long wire antenna

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-08-20 01:34:26 UTC
From: John Deithloff
Topic: 5346 Message: 5594

Any word about this antenna.
tnx,
John...de W5FFS

_____

From: LDG-auto-tuners@yahoogroups.com
[mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of traburgess1945
Sent: Saturday, April 07, 2012 9:37 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: ldg z100 Plus to a long wire antenna

The Chameleon Hybrid plus that 30 foot wire works beautifully on 80-6
meters. It does require a tuner and is rated to 1,500 watts.

http://www.chameleonantenna.com/ChameleonHybridSerie/ChameleonHybridSerie.ht
ml

I wish I had stock in Chameleon. Just use there products and am very happy
with them.

Travis
K5HTB

--- In LDG-auto-tuners@yahoogroups.com
<mailto:LDG-auto-tuners%40yahoogroups.com> , "mcyman" <mcyman@...> wrote:
>
> Hello all , first post here.
> I just received a z100 plus, and live in antenna restricted area.
> I would like to use a long wire , probably can manage about 30 ft or so
into an old oak tree nearby.
>
> I was wondering if any one has had a similar antenna, and how it worked?
> I think i can mange about 30 ft in height like a sloper.
>
> I be-leave a 4:1 balun will be necessary but not sure.
>
> If so I will be looking for one.
> thanks rob n8rt
>

[Non-text portions of this message have been removed]

5595. Re: [LDG-auto-tuners] Need info re AT-600 Pro AUtotuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-08-20 03:10:52 UTC
From: Jimmy (WB8NBI)
Topic: 5593 Message: 5595

Yes that is normal bout my AT-600Pro and my AT-200Pro II do the same thing. With the AT-1000Pro I had you could set it for on or off when power was applied.

DE Jimmy (WB8NBI)

From: mcyman
Sent: Sunday, August 19, 2012 12:34 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Need info re AT-600 Pro AUtotuner

I would like to know if other AT-600 Pro users experience this situation?

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When I than turn OFF (push LDG power button, LED goes out)) , and than turn off the Astron.

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When the Astron is powered ON, the LDG Power comes back on!

I thought the tuner should remain OFF.????

Thanks ROB N8RT

[Non-text portions of this message have been removed]

5596. Re: Need info re AT-600 Pro AUtotuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-08-21 00:53:54 UTC
From: mcyman
Topic: 5593 Message: 5596

Hello Jimmy,

Thanks for letting me about the AT-600 Pro and AT200 acting just like I described!

Strange situation for powering up the tuner, but apparently others do the same!

Interesting that the AT1000 works differently, and more like I would expect!

My At600 Locks up occasionally, to the extent that NONE of front panel buttons work, and I have to UNPLUG the AT600 Power cord, and after reconnecting the power, all works as it should!

So I am trying to isolate the issue.

Thanks again for the info .

ROb N8RT

--- In LDG-auto-tuners@yahoogroups.com, "Jimmy \(WB8NBI\)" <wb8nbi@...> wrote:
>
> Yes that is normal bout my AT-600Pro and my AT-200Pro II do the same thing. With the AT-1000Pro I had you could set it for on or off when power was applied.
>
> DE Jimmy (WB8NBI)
>
> From: mcyman
> Sent: Sunday, August 19, 2012 12:34 PM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: [LDG-auto-tuners] Need info re AT-600 Pro AUtotuner
>
>
> I would like to know if other AT-600 Pro users experience this situation?
>
> My Pro600 is connected to my Astron SS35M Supply (13.8vdc).
>
> When I switch ON the Astron the AT-600 power comes ON and powers up .
>
> When I than turn OFF (push LDG power button, LED goes out)) , and than turn off the Astron.
>
> Here is what happens to my AT-600!
>
> When the Astron is powered ON, the LDG Power comes back on!
>
> I thought the tuner should remain OFF.????
>
> Thanks ROB N8RT

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> [Non-text portions of this message have been removed]
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5597. AT-897 Construction Problems

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-08-21 02:03:06 UTC
From: dmaley88
Topic: 5597 Message: 5597

I purchased the LDG 897 tuner with the radio about six monthes ago. Seemed to be OK, but slow on some frequencies. Discovered reciently that it refused to tune anything on six meters. Not even a known good 10W microwave reject load scewed on to it.
Opened it up and found that all the internal RF jumpers and grounds were way too long and coiled up and a short piece of coax was also too long with a couple inches of bare center conductor on both ends.
I've shortened some of the grounds and RF jumpers. It now is happy with my 10W reject load on six meters. Wonder if anyone has a drawing on how this should have been done?
Also:
The internal SWR bridge is now just a hair out of balance. Anyone have the setup procedure for it?
Thanks in advance.
Dave
WA0ZZG

5598. Re: [LDG-auto-tuners] Re: Need info re AT-600 Pro AUtotuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-08-21 05:02:36 UTC
From: KK2DOG in NY
Topic: 5593 Message: 5598

Both my AT-600PRO and AT-1000PRO power-up when I turn their respective radios on.

KK2DOG
Owner/Admin
www.hamwave.com

From: mcyman <mcyman@...m>
To: LDG-auto-tuners@yahoogroups.com
Sent: Monday, August 20, 2012 8:53 PM
Subject: [LDG-auto-tuners] Re: Need info re AT-600 Pro AUtotuner

Hello Jimmy,

Thanks for letting me about the AT-600 Pro and AT200 acting just like I described!

Strange situation for powering up the tuner, but apparently others do the same!

Interesting that the AT1000 works differently, and more like I would expect!

My At600 Locks up occasionally, to the extent that NONE of front panel buttons work, and I have to UNPLUG the AT600 Power cord, and after reconnecting the power, all works as it should!

So I am trying to isolate the issue.

Thanks again for the info .

ROb N8RT

--- In LDG-auto-tuners@yahoogroups.com, "Jimmy \(WB8NBI\)" <wb8nbi@...> wrote:
>
> Yes that is normal bout my AT-600Pro and my AT-200Pro II do the same thing. With the AT-1000Pro I had you could set it for on or off when power was applied.
>
> DE Jimmy (WB8NBI)
>
> From: mcyman
> Sent: Sunday, August 19, 2012 12:34 PM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: [LDG-auto-tuners] Need info re AT-600 Pro AUtotuner
>
>
> I would like to know if other AT-600 Pro users experience this situation?
>
> My Pro600 is connected to my Astron SS35M Supply (13.8vdc).
>
> When I switch ON the Astron the AT-600 power comes ON and powers up .

>
> When I than turn OFF (push LDG power button, LED goes out)) , and than turn off the Astron.
>
> Here is what happens to my AT-600!
>
> When the Astron is powered ON, the LDG Power comes back on!
>
> I thought the tuner should remain OFF.????
>
> Thanks ROB N8RT
>
>
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>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

5599. Re: [LDG-auto-tuners] Re: Need info re AT-600 Pro AUtotuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-08-21 11:51:42 UTC
From: Michael Walker
Topic: 5593 Message: 5599

I had my AT-1000Pro lock up the other day as well. It required a power cycle of the tuner to get it back online.

It was an RF issue (hmmmm ... you'd think that a tuner would not have RF issues). I was in QSO and noticed that the meters weren't responding.

Mike va3mw

On Tue, Aug 21, 2012 at 1:02 AM, KK2DOG in NY <kk2dog@...> wrote:

> **
>
>
> Both my AT-600PRO and AT-1000PRO power-up when I turn their respective
> radios on.
>
>
> KK2DOG
> Owner/Admin
> www.hamwave.com
>
> _____
> From: mcyman <mcyman@...>
> To: LDG-auto-tuners@...m
> Sent: Monday, August 20, 2012 8:53 PM
> Subject: [LDG-auto-tuners] Re: Need info re AT-600 Pro AUtotuner
>
>
>
>
>
> Hello Jimmy,
>
> Thanks for letting me about the AT-600 Pro and AT200 acting just like I
> described!
>
> Strange situation for powering up the tuner, but apparently others do the
> same!
>
> Interesting that the AT1000 works differently, and more like I would
> expect!
>
> My At600 Locks up occasionally, to the extent that NONE of front panel
> buttons work, and I have to UNPLUG the AT600 Power cord, and after
> reconnecting the power, all works as it should!
>
> So I am trying to isolate the issue.

>
> Thanks again for the info .
>
> ROb N8RT
>
> --- In LDG-auto-tuners@yahoogroups.com, "Jimmy \(WB8NBI\)" <wb8nbi@...>
> wrote:
> >
> > Yes that is normal bout my AT-600Pro and my AT-200Pro II do the same
> thing. With the AT-1000Pro I had you could set it for on or off when power
> was applied.
> >
> > DE Jimmy (WB8NBI)
> >
> > From: mcyman
> > Sent: Sunday, August 19, 2012 12:34 PM
> > To: LDG-auto-tuners@yahoogroups.com
> > Subject: [LDG-auto-tuners] Need info re AT-600 Pro AUtotuner
> >
> >
> > I would like to know if other AT-600 Pro users experience this situation?
> >
> > My Pro600 is connected to my Astron SS35M Supply (13.8vdc).
> >
> > When I switch ON the Astron the AT-600 power comes ON and powers up .
> >
> > When I than turn OFF (push LDG power button, LED goes out)) , and than
> turn off the Astron.
> >
> > Here is what happens to my AT-600!
> >
> > When the Astron is powered ON, the LDG Power comes back on!
> >
> > I thought the tuner should remain OFF.????
> >
> > Thanks ROB N8RT
> >
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> > [Non-text portions of this message have been removed]
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5600. Re: [LDG-auto-tuners] Re: Need info re AT-600 Pro AUtotuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-08-21 13:17:50 UTC
From: doug pfaff
Topic: 5593 Message: 5600

remember rf on the control leads make electronic go crazy

doug ve5dcp
----- Original Message -----
From: "Michael Walker" <va3mw@...>
To: <LDG-auto-tuners@yahoogroups.com>
Sent: Tuesday, August 21, 2012 5:51 AM
Subject: Re: [LDG-auto-tuners] Re: Need info re AT-600 Pro AUtotuner

>I had my AT-1000Pro lock up the other day as well. It required a power
> cycle of the tuner to get it back online.
>
> It was an RF issue (hmmmm ... you'd think that a tuner would not have RF
> issues). I was in QSO and noticed that the meters weren't responding.
>
> Mike va3mw
>
> On Tue, Aug 21, 2012 at 1:02 AM, KK2DOG in NY <kk2dog@...> wrote:
>
>> **
>>
>>
>> Both my AT-600PRO and AT-1000PRO power-up when I turn their respective
>> radios on.
>>
>>
>> KK2DOG
>> Owner/Admin
>> www.hamwave.com
>>
>> _____
>> From: mcyman <mcyman@...>
>> To: LDG-auto-tuners@yahoogroups.com
>> Sent: Monday, August 20, 2012 8:53 PM
>> Subject: [LDG-auto-tuners] Re: Need info re AT-600 Pro AUtotuner
>>
>>
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>>
>>
>> Hello Jimmy,
>>
>> Thanks for letting me about the AT-600 Pro and AT200 acting just like I
>> described!
>>
>> Strange situation for powering up the tuner, but apparently others do the

>> same!
>>
>> Interesting that the AT1000 works differently, and more like I would
>> expect!
>>
>> My At600 Locks up occasionally, to the extent that NONE of front panel
>> buttons work, and I have to UNPLUG the AT600 Power cord, and after
>> reconnecting the power, all works as it should!
>>
>> So I am trying to isolate the issue.
>>
>> Thanks again for the info .
>>
>> ROb N8RT
>>
>> --- In LDG-auto-tuners@yahoogroups.com, "Jimmy \(WB8NBI\)" <wb8nbi@...>
>> wrote:
>> >
>> > Yes that is normal bout my AT-600Pro and my AT-200Pro II do the same
>> thing. With the AT-1000Pro I had you could set it for on or off when
>> power
>> was applied.
>> >
>> > DE Jimmy (WB8NBI)
>> >
>> > From: mcyman
>> > Sent: Sunday, August 19, 2012 12:34 PM
>> > To: LDG-auto-tuners@yahoogroups.com
>> > Subject: [LDG-auto-tuners] Need info re AT-600 Pro AUtotuner
>> >
>> >
>> > I would like to know if other AT-600 Pro users experience this
>> > situation?
>> >
>> > My Pro600 is connected to my Astron SS35M Supply (13.8vdc).
>> >
>> > When I switch ON the Astron the AT-600 power comes ON and powers up .
>> >
>> > When I than turn OFF (push LDG power button, LED goes out)) , and than
>> turn off the Astron.
>> >
>> > Here is what happens to my AT-600!
>> >
>> > When the Astron is powered ON, the LDG Power comes back on!
>> >
>> > I thought the tuner should remain OFF.????
>> >
>> > Thanks ROB N8RT
>> >
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> Yahoo! Groups Links
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5601. Re: [LDG-auto-tuners] Re: Need info re AT-600 Pro AUtotuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-08-21 13:29:27 UTC
From: Michael Walker
Topic: 5593 Message: 5601

I don't have a control head. This is the older PRO.

On Tue, Aug 21, 2012 at 9:17 AM, doug pfaff <doug.pfaff@...> wrote:

> **
>
>
> remember rf on the control leads make electronic go crazy
>
> doug ve5dcp
> ----- Original Message -----
> From: "Michael Walker" <va3mw@...>
> To: <LDG-auto-tuners@yahoogroups.com>
> Sent: Tuesday, August 21, 2012 5:51 AM
> Subject: Re: [LDG-auto-tuners] Re: Need info re AT-600 Pro AUtotuner
>
> >I had my AT-1000Pro lock up the other day as well. It required a power
> > cycle of the tuner to get it back online.
> >
> > It was an RF issue (hmmmm ... you'd think that a tuner would not have RF
> > issues). I was in QSO and noticed that the meters weren't responding.
> >
> > Mike va3mw
> >
> > On Tue, Aug 21, 2012 at 1:02 AM, KK2DOG in NY <kk2dog@...> wrote:
> >
> >> **
> >>
> >>
> >> Both my AT-600PRO and AT-1000PRO power-up when I turn their respective
> >> radios on.
> >>
> >>
> >> KK2DOG
> >> Owner/Admin
> >> www.hamwave.com
> >>
> >> _____
> >> From: mcyman <mcyman@...>
> >> To: LDG-auto-tuners@yahoogroups.com
> >> Sent: Monday, August 20, 2012 8:53 PM
> >> Subject: [LDG-auto-tuners] Re: Need info re AT-600 Pro AUtotuner
> >>
> >>
> >>

> >>
> >> Hello Jimmy,
> >>
> >> Thanks for letting me about the AT-600 Pro and AT200 acting just like I
> >> described!
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> >> Strange situation for powering up the tuner, but apparently others do
> the
> >> same!
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> >> Interesting that the AT1000 works differently, and more like I would
> >> expect!
> >>
> >> My At600 Locks up occasionally, to the extent that NONE of front panel
> >> buttons work, and I have to UNPLUG the AT600 Power cord, and after
> >> reconnecting the power, all works as it should!
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> >> So I am trying to isolate the issue.
> >>
> >> Thanks again for the info .
> >>
> >> ROb N8RT
> >>
> >> --- In LDG-auto-tuners@yahoogroups.com, "Jimmy \(WB8NBI\)" <wb8nbi@...>
> >> wrote:
> >> >
> >> > Yes that is normal bout my AT-600Pro and my AT-200Pro II do the same
> >> thing. With the AT-1000Pro I had you could set it for on or off when
> >> power
> >> was applied.
> >> >
> >> > DE Jimmy (WB8NBI)
> >> >
> >> > From: mcyman
> >> > Sent: Sunday, August 19, 2012 12:34 PM
> >> > To: LDG-auto-tuners@yahoogroups.com
> >> > Subject: [LDG-auto-tuners] Need info re AT-600 Pro AUtotuner
> >> >
> >> >
> >> > I would like to know if other AT-600 Pro users experience this
> >> > situation?
> >> >
> >> > My Pro600 is connected to my Astron SS35M Supply (13.8vdc).
> >> >
> >> > When I switch ON the Astron the AT-600 power comes ON and powers up .
> >> >
> >> > When I than turn OFF (push LDG power button, LED goes out)) , and than
> >> turn off the Astron.
> >> >
> >> > Here is what happens to my AT-600!

> >> >
> >> > When the Astron is powered ON, the LDG Power comes back on!
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> >> > I thought the tuner should remain OFF.????
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> >> > Thanks ROB N8RT
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> > > Yahoo! Groups Links
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5602. Re: Need info re AT-600 Pro AUtotuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-08-21 15:46:30 UTC
From: shibukiau
Topic: 5593 Message: 5602

Watch out for the tuner jumping ant output ports Mike as this is what happened to me. Strange things happen then.

I fixed this by killing the power to the antenna selector relay K9 in the 600 Pro. From then on, at least for a week now, it's been sweet, performing like a charm!

Cheers!
Lloyd
VE3ERQ
--- In LDG-auto-tuners@yahoogroups.com, Michael Walker <va3mw@...> wrote:
>
> I had my AT-1000Pro lock up the other day as well. It required a power
> cycle of the tuner to get it back online.
>
> It was an RF issue (hmmmm ... you'd think that a tuner would not have RF
> issues). I was in QSO and noticed that the meters weren't responding.
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> Mike va3mw
>
> On Tue, Aug 21, 2012 at 1:02 AM, KK2DOG in NY <kk2dog@...> wrote:
>
> > **
> > >
> > >
> > > Both my AT-600PRO and AT-1000PRO power-up when I turn their respective
> > > radios on.
> > >
> > >
> > > KK2DOG
> > > Owner/Admin
> > > www.hamwave.com
> > >
> > > _____
> > > From: mcyman <mcyman@...>
> > > To: LDG-auto-tuners@yahoogroups.com
> > > Sent: Monday, August 20, 2012 8:53 PM
> > > Subject: [LDG-auto-tuners] Re: Need info re AT-600 Pro AUtotuner
> > >
> > >
> > >
> > >
> > >
> > > Hello Jimmy,
> > >
> > > Thanks for letting me about the AT-600 Pro and AT200 acting just like I
> > > described!

> >
> > Strange situation for powering up the tuner, but apparently others do the
> > same!
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> > Interesting that the AT1000 works differently, and more like I would
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> > My At600 Locks up occasionally, to the extent that NONE of front panel
> > buttons work, and I have to UNPLUG the AT600 Power cord, and after
> > reconnecting the power, all works as it should!
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> > So I am trying to isolate the issue.
> >
> > Thanks again for the info .
> >
> > ROb N8RT
> >
> > --- In LDG-auto-tuners@yahoogroups.com, "Jimmy \(WB8NBI\)" <wb8nbi@>
> > wrote:
> > >
> > > Yes that is normal bout my AT-600Pro and my AT-200Pro II do the same
> > thing. With the AT-1000Pro I had you could set it for on or off when power
> > was applied.
> > >
> > > DE Jimmy (WB8NBI)
> > >
> > > From: mcyman
> > > Sent: Sunday, August 19, 2012 12:34 PM
> > > To: LDG-auto-tuners@yahoogroups.com
> > > Subject: [LDG-auto-tuners] Need info re AT-600 Pro AUtotuner
> > >
> > >
> > > I would like to know if other AT-600 Pro users experience this situation?
> > >
> > > My Pro600 is connected to my Astron SS35M Supply (13.8vdc).
> > >
> > > When I switch ON the Astron the AT-600 power comes ON and powers up .
> > >
> > > When I than turn OFF (push LDG power button, LED goes out)) , and than
> > turn off the Astron.
> > >
> > > Here is what happens to my AT-600!
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> > > When the Astron is powered ON, the LDG Power comes back on!
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> > > I thought the tuner should remain OFF.????
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> > > Thanks ROB N8RT
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> [Non-text portions of this message have been removed]
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5603. ldg pro 100

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-08-21 12:28:20 UTC
From: waldropgeorge
Topic: 5603 Message: 5603

when i push the tune button it tunes and the meter on the tuner says one thing and the radio says way different some times it swings over 3! could this be a grounding issue?

5604. Re: Need info re AT-600 Pro AUtotuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-08-21 17:13:06 UTC
From: vince_k7na
Topic: 5593 Message: 5604

I have a four-month old AT-1000ProII and it locks up regularly, typically at least once a week. The power has to be removed completely from the unit in order for the microprocessor to reset. Once that is accomplished, it works nominally until, one day, when I go to press the tuner power button, nothing happens. Once again, I have to completely disconnect power before it will reboot.
Frankly, it's annoying and I'm not a pleased customer. I've tried both a wall-wart 12VDC supply and a dedicated 13.8 VDC linear supply. I've wrapped the DC power cable around a toroid to choke off any RF, all to no avail.
If anyone finds a solution to this vexing issue, please inform the group.

Vince K7NA

--- In LDG-auto-tuners@yahoogroups.com, "mcyman" <mcyman@...> wrote:
>
> Hello Jimmy,
>
> Thanks for letting me about the AT-600 Pro and AT200 acting just like I described!
>
> Strange situation for powering up the tuner, but apparently others do the same!
>
> Interesting that the AT1000 works differently, and more like I would expect!
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> My At600 Locks up occasionally, to the extent that NONE of front panel buttons work, and I have to UNPLUG the AT600 Power cord, and after reconnecting the power, all works as it should!
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> So I am trying to isolate the issue.
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> Thanks again for the info .
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> ROb N8RT
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> --- In LDG-auto-tuners@yahoogroups.com, "Jimmy \(WB8NBI\)" <wb8nbi@> wrote:
> >
> > Yes that is normal bout my AT-600Pro and my AT-200Pro II do the same thing. With the AT-1000Pro I had you could set it for on or off when power was applied.
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> > DE Jimmy (WB8NBI)

> >
> > From: mcyman
> > Sent: Sunday, August 19, 2012 12:34 PM
> > To: LDG-auto-tuners@yahoogroups.com
> > Subject: [LDG-auto-tuners] Need info re AT-600 Pro AUtotuner
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> > I would like to know if other AT-600 Pro users experience this situation?
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> > My Pro600 is connected to my Astron SS35M Supply (13.8vdc).
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> > I thought the tuner should remain OFF.????
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> > Thanks ROB N8RT
> >
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> >
> >
> > [Non-text portions of this message have been removed]
> >
>

5605. Re: [LDG-auto-tuners] Re: Need info re AT-600 Pro AUtotuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-08-21 18:10:36 UTC
From: Michael Walker
Topic: 5593 Message: 5605

I see the same thing as Vince.

Mike va3mw

On Tue, Aug 21, 2012 at 1:13 PM, vince_k7na <k7na6@...> wrote:

> **
>
>
> I have a four-month old AT-1000ProII and it locks up regularly, typically
> at least once a week. The power has to be removed completely from the unit
> in order for the microprocessor to reset. Once that is accomplished, it
> works nominally until, one day, when I go to press the tuner power button,
> nothing happens. Once again, I have to completely disconnect power before
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> wall-wart 12VDC supply and a dedicated 13.8 VDC linear supply. I've wrapped
> the DC power cable around a toroid to choke off any RF, all to no avail.
> If anyone finds a solution to this vexing issue, please inform the group.
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> Vince K7NA
>
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> --- In LDG-auto-tuners@yahoogroups.com, "mcyman" <mcyman@...> wrote:
> >
> > Hello Jimmy,
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> >

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> > > DE Jimmy (WB8NBI)
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> > > From: mcyman
> > > Sent: Sunday, August 19, 2012 12:34 PM
> > > To: LDG-auto-tuners@yahoogroups.com
> > > Subject: [LDG-auto-tuners] Need info re AT-600 Pro AUtotuner
> > >
> > >
> > > I would like to know if other AT-600 Pro users experience this
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> > > When I than turn OFF (push LDG power button, LED goes out)) , and than
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> > > Here is what happens to my AT-600!
> > >
> > > When the Astron is powered ON, the LDG Power comes back on!
> > >
> > > I thought the tuner should remain OFF.????
> > >
> > > Thanks ROB N8RT
> > >
> > >
> > >
> > >
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> >
>
>
>

[Non-text portions of this message have been removed]

5606. Re: [LDG-auto-tuners] ldg pro 100

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-08-21 19:15:09 UTC
From: Charles Scott
Topic: 5603 Message: 5606

waldropgeorge:

Could be all kinds of things, so a bit more information would help.

Do you see the SWR swing while the tuner is tuning or after it's done tuning when you transmit normally?

Do you get some higher SWR on the radio when you use a dummy load on the output of the tuner?

Do you have other problems that might be stray RF when you transmit, such as messing up other equipment, noise is speakers, RF burns on your fingers?

Chuck - N8DNX

On 8/21/2012 8:28 AM, waldropgeorge wrote:
> when i push the tune button it tunes and the meter on the tuner says one thing and the radio says way different some times it swings over 3! could this be a grounding issue?
>

5607. Re: ldg pro 100

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-08-21 19:28:25 UTC
From: waldropgeorge
Topic: 5603 Message: 5607

Hello chuck i am not getting any rf burns are no rf showing in speakers are any thing like that when the tuner tunes it does it's normal thing and when its done it says 1to1 swr on the tuner then the radio says 1.5 swr which is ok but when i talk it jumps 2.5 are higher

--- In LDG-auto-tuners@yahoogroups.com, Charles Scott <cscott@...> wrote:
>
> waldropgeorge:
>
> Could be all kinds of things, so a bit more information would help.
>
> Do you see the SWR swing while the tuner is tuning or after it's done
> tuning when you transmit normally?
>
> Do you get some higher SWR on the radio when you use a dummy load on the
> output of the tuner?
>
> Do you have other problems that might be stray RF when you transmit,
> such as messing up other equipment, noise is speakers, RF burns on your
> fingers?
>
> Chuck - N8DNX
>
> On 8/21/2012 8:28 AM, waldropgeorge wrote:
> > when i push the tune button it tunes and the meter on the tuner says one thing and the radio says way different some times it swings over 3! could this be a grounding issue?
> >
>

5608. RT-11 Remote Control Head and cable

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-08-21 21:23:48 UTC
From: morsenut@aol.com
Topic: 5608 Message: 5608

Hello All,

Just a note that I am looking to purchase the remote control unit and cable for the LDG - RT 11 autotuner.

If you have one you want to sell please let me know.

I can be reached at 215-264-6737.

Thanks and 73,

Tim
WU3U

[Non-text portions of this message have been removed]

5609. Re: ldg pro 100 (RFI notes)

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-08-22 03:03:19 UTC
From: Dwayne
Topic: 5603 Message: 5609

Chuck,

Those are all good things to look at. The one we have the most problems finding is the ground loop (or sometimes called circulating RF currents).

It mostly comes from RF getting into the ground system of the DC power supply. Since modern radios use DC ground and RF ground for the same thing, it's possible to get RF on the DC ground side of things. Then you can have an invisible mess.

Once you get RF on the ground, it can go to the radio, to the power supply, and to the tuner. Then back to the radio over the coax cable and just like that, we have a ground loop.

Just like pretty much all RFI problems, there is no single way to correct it. Some cases we've seen an isolator used on the coax line to keep RF from coming back down the coax ground.

Other times, its a snap on ferrite choke on the DC power cable to the tuner and one on DC power cable to the radio. If you have a tuner to radio interface, sometimes you may need one there.

Most times we never get other tell-tale signs of RF problems like buzzing in the speaker or RF burns. The circulating currents usually just go in circles and never get to other peripheral devices.

As you suggested, doing he dummy load test can help isolate the problem. Also lowering the RF power can help determine where the cause is. The technique is to lower the RF power until the problem goes away, make changes like adding RF chokes, then raise the power until the problem happens again. Then you know that you may need more chokes in that area.

I don't know of any way except trial and error to fix these types of things and they can get very frustrating.

Dwayne Kincaid
LDG

>
> Could be all kinds of things, so a bit more information would help.
>
> Do you see the SWR swing while the tuner is tuning or after it's done
> tuning when you transmit normally?
>
> Do you get some higher SWR on the radio when you use a dummy load on the
> output of the tuner?
>
> Do you have other problems that might be stray RF when you transmit,
> such as messing up other equipment, noise is speakers, RF burns on your

> fingers?
>
> Chuck - N8DNX
>

5610. Re: [LDG-auto-tuners] Re: ldg pro 100 (RFI notes)

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-08-22 03:57:48 UTC
From: Charles Scott
Topic: 5603 Message: 5610

Dwayne:

Whether there really is such a thing as a "ground loop" is probably a good item for discussion some day. Regardless, people clearly have problems with stray RF getting into things and causing problems.

I agree that solving this can be very frustrating, but I do think there's a way to approach this other than trial and error. The problem with stray RF and trial and error resolution is that you may solve the problem for one situation and then have it back again after changing bands or frequencies. It may also be that the kinds of solutions that are derived that way are also mutually exclusive--you can't manage to solve the problem for both of two specific frequencies.

I think the better approach is to decide where RF should be and where it shouldn't be, and avoid or fix the things that violate that. For sure, RF should be radiated at the antenna. Any means for RF to come back down the outside of the transmission line, by common-mode on open wire line, or on other control cables should be dealt with as standard practice. Transmission lines and other cables that are in the near-field of the antenna should either be placed so they are not likely to have power induced in them (i.e. transmission lines leave dipoles at a right angle) or should be broken up at least near the antenna and where they approach the house or shack by some type of reactance (such as line isolators, ferrite chokes, etc). Doing this not only reduces stray RF problems, but also reduces noise being conducted out to the antenna on the same lines.

If this is done as standard practice, the only problems you'll have is if the equipment is in the near field of the antenna and everything around it has induced stray RF. In that case, the only solution may be to place chokes on every cable entering equipment where there could be a problem. Also, equipment and all cabling should be built with good consistent shielding so that no stray RF has a means to leak into the equipment.

Chuck - N8DNX

On 8/21/2012 11:03 PM, Dwayne wrote:
> Chuck,
>
> Those are all good things to look at. The one we have the most problems finding is the ground loop (or sometimes called circulating RF currents).
>
> It mostly comes from RF getting into the ground system of the DC power supply. Since modern radios use DC ground and RF ground for the same thing, it's possible to get RF on the DC ground side of things. Then you can have an invisible mess.

>
> Once you get RF on the ground, it can go to the radio, to the power supply, and to the tuner. Then back to the radio over the coax cable and just like that, we have a ground loop.
>
> Just like pretty much all RFI problems, there is no single way to correct it. Some cases we've seen an isolator used on the coax line to keep RF from coming back down the coax ground.
>
> Other times, its a snap on ferrite choke on the DC power cable to the tuner and one on DC power cable to the radio. If you have a tuner to radio interface, sometimes you may need one there.
>
> Most times we never get other tell-tale signs of RF problems like buzzing in the speaker or RF burns. The circulating currents usually just go in circles and never get to other peripheral devices.
>
> As you suggested, doing he dummy load test can help isolate the problem. Also lowering the RF power can help determine where the cause is. The technique is to lower the RF power until the problem goes away, make changes like adding RF chokes, then raise the power until the problem happens again. Then you know that you may need more chokes in that area.
>
> I don't know of any way except trial and error to fix these types of things and they can get very frustrating.
>
> Dwayne Kincaid
> LDG
>

5611. Re: ldg pro 100 (RFI notes)

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-08-22 07:50:24 UTC
From: waldropgeorge
Topic: 5603 Message: 5611

I also have another tuner and i don't have this problem with it!
--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
> Chuck,
>
> Those are all good things to look at. The one we have the most problems finding is the ground loop (or sometimes called circulating RF currents).
>
> It mostly comes from RF getting into the ground system of the DC power supply. Since modern radios use DC ground and RF ground for the same thing, it's possible to get RF on the DC ground side of things. Then you can have an invisible mess.
>
> Once you get RF on the ground, it can go to the radio, to the power supply, and to the tuner. Then back to the radio over the coax cable and just like that, we have a ground loop.
>
> Just like pretty much all RFI problems, there is no single way to correct it. Some cases we've seen an isolator used on the coax line to keep RF from coming back down the coax ground.
>
> Other times, its a snap on ferrite choke on the DC power cable to the tuner and one on DC power cable to the radio. If you have a tuner to radio interface, sometimes you may need one there.
>
> Most times we never get other tell-tale signs of RF problems like buzzing in the speaker or RF burns. The circulating currents usually just go in circles and never get to other peripheral devices.
>
> As you suggested, doing he dummy load test can help isolate the problem. Also lowering the RF power can help determine where the cause is. The technique is to lower the RF power until the problem goes away, make changes like adding RF chokes, then raise the power until the problem happens again. Then you know that you may need more chokes in that area.
>
> I don't know of any way except trial and error to fix these types of things and they can get very frustrating.
>
> Dwayne Kincaid
> LDG
>
>
>
> >
> > Could be all kinds of things, so a bit more information would help.
> >
> > Do you see the SWR swing while the tuner is tuning or after it's done

> > tuning when you transmit normally?
> >
> > Do you get some higher SWR on the radio when you use a dummy load on the
> > output of the tuner?
> >
> > Do you have other problems that might be stray RF when you transmit,
> > such as messing up other equipment, noise is speakers, RF burns on your
> > fingers?
> >
> > Chuck - N8DNX
> >
>

5612. Re: ldg pro 100 (RFI notes)

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-08-22 14:27:45 UTC
From: Dwayne
Topic: 5603 Message: 5612

Chuck,

How is this: "In that case, the only solution may be to place chokes on every cable entering equipment where there could be a problem." any different than the trial and error method I suggested?

Please explain in detail how many chokes, where they go and what type would be used to solve ANY stray RF in the shack situation. Then explain the methodology of how you came up with those answers.

We suggest the trial and error method because there are simply too many variables with no two stations being set up exactly the same way. Lowering the RF power, making a change, checking for improvements, then raising the power (repeat, rinse) is the best overall strategy that we have found. Obviously I did not make this up, its in many books and articles about chasing down stray RF.

If you have a better way, thousands of other people that come across this issue will be all ears.

Dwayne Kincaid
LDG

5613. Re: ldg pro 100 (RFI notes)

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-08-22 14:29:14 UTC
From: Dwayne
Topic: 5603 Message: 5613

Hi,

We would really need more information on this. What is the other tuner?

Dwayne Kincaid
LDG

>
> I also have another tuner and i don't have this problem with it!
>

5614. Re: [LDG-auto-tuners] Re: ldg pro 100 (RFI notes)

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-08-22 17:25:02 UTC
From: Charles Scott
Topic: 5603 Message: 5614

Dwayne:

You conveniently took a quote from the last portion of my comments on this and the one that's only related to the equipment being in the near field of the antenna. Even still, it's not a trial and error process to protect a each piece of equipment using good shield continuity and chokes. Also note that from the perspective of the equipment, cable connections to the equipment are a low-impedance point for common-mode energy and therefore don't require much reactance to effectively block that RF energy.

The key to what I was saying is that the RF should not even get to the shack. If that's unavoidable, and you're fully immersed in a strong RF field, then you need to fall back to blocking RF at the entry points to your equipment. That's a pretty straight forward process and is not trial and error. However, simply putting chokes on this line or that line, here or there, in an effort to get the stray RF under control is bound to be hit and miss and you'll likely have problems next week or next month or the next time you change frequencies, particularly if you try to equate the situation to "ground loops".

Yes, there is a better way and it starts by deciding where RF should be and where it should not be, then following standard and well defined practices to keep it that way. All ham stations have common attributes--they have antennas and they have equipment. That's a pretty clear distinction. Unfortunately, in the ranks of Hams there's way too much hyperbole and too many old wives tales distracting Hams from doing the right thing.

You're on the front lines of dealing with this problem because as people use tuners they get more power to their antennas and that results in more stray RF, so they naturally blame you and your equipment. I've seen that and sympathize with what you certainly must be doing in the way of support. But that's an opportunity to offer a straight-forward and consistent message to the many Hams you deal with.

If Hams are encouraged to engage in haphazard solutions, they will get exactly that.

Chuck - N8DNX

On 8/22/2012 10:27 AM, Dwayne wrote:
> Chuck,
>
> How is this: "In that case, the only solution may be to place chokes on every cable entering equipment where there could be a problem." any different than the trial and error method I suggested?

>
> Please explain in detail how many chokes, where they go and what type would be used to solve ANY stray RF in the shack situation. Then explain the methodology of how you came up with those answers.
>
> We suggest the trial and error method because there are simply too many variables with no two stations being set up exactly the same way. Lowering the RF power, making a change, checking for improvements, then raising the power (repeat, rinse) is the best overall strategy that we have found. Obviously I did not make this up, its in many books and articles about chasing down stray RF.
>
> If you have a better way, thousands of other people that come across this issue will be all ears.
>
> Dwayne Kincaid
> LDG
>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
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5615. Re: ldg pro 100 (RFI notes)

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-08-22 17:40:49 UTC
From: waldropgeorge
Topic: 5603 Message: 5615

Dwayne the other tuner as palstar at 500 the radio is a ic-718 i used the same set up as with ldg same feedline same antenna g5rv When i have the ldg tuner connected and i push the tune button the display says 1.1 on the swr scale on the ldg and the radio say 1.5 and when i speak in the mic the swr on the ldg and radio swing way over 2 to 3 and it does not do it palstar

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
> Hi,
>
> We would really need more information on this. What is the other tuner?
>
> Dwayne Kincaid
> LDG
>
> >
> > I also have another tuner and i don't have this problem with it!
> >
>

5616. Using the the LDG AT-600ProTuner the Kenwood TS-590 and the ELecraft KPA500

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-08-23 03:11:31 UTC
From: mcyman
Topic: 5616 Message: 5616

I have written a Preliminary Microsoft Word File, that can be used for LDGAT-600Pro users that may want to interface to the Elecraft KPA500, I am useing a Kenwood TS-590.

Hopefully it will provide enough information for this combination of hardware, to get you on the air quickly.

I have marked it preliminary, and can change or append the information as required.

Rob N8RT

Information is in the FILES section , as LDG AT600info.docx

5617. Re: Using the the LDG AT-600ProTuner the Kenwood TS-590 and the ELecraft KPA500

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-08-23 23:57:16 UTC
From: Dwayne
Topic: 5616 Message: 5617

Rob,

That is an excellent write up! Thanks for posting it.

Dwayne Kincaid
LDG

> I have written a Preliminary Microsoft Word File, that can be used for LDGAT-600Pro users that may want to interface to the Elecraft KPA500, I am useing a Kenwood TS-590.
>

5618. Re: ldg pro 100 (RFI notes)

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-08-24 00:01:13 UTC
From: Dwayne
Topic: 5603 Message: 5618

It really sounds like the LDG tuner has not tuned.

Try this: Key (and hold) the radio mic in AM mode, press the tune button on the tuner for three seconds, then let go of the tuner button (keep the mic keyed). Let the tuner tune and when it's finished, unkey the radio. Then go to LSB or USB to check the SWR as you speak.

Dwayne Kincaid
LDG

>
> Dwayne the other tuner as palstar at 500 the radio is a ic-718 i used the same set up as with ldg same feedline same antenna g5rv When i have the ldg tuner connected and i push the tune button the display says 1.1 on the swr scale on the ldg and the radio say 1.5 and when i speak in the mic the swr on the ldg and radio swing way over 2 to 3 and it does not do it palstar
>

5620. Disable Ant 2 on AT-200ProII?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-08-24 05:13:27 UTC
From: wb4lcn
Topic: 5620 Message: 5620

I operate a remote station and I use the LDG AT-200ProII and only use Ant port 1. Ant port 2 is empty.

I'm able to turn the power on and off for each of the devices in my remote station. Sometimes, whenever I power up, the antenna tuner switches to Ant 2 and the only way to switch back to Ant 1 is to drive 13 miles to the remote station and manually switch the AT-200ProII back to Ant 1.

QUESTION:

Is there any way to disable the antenna tuner from switching over to Ant 2? It seems to happen at the most inopportune time.

Thanks much!

dave :)

5621. Re: [LDG-auto-tuners] Disable Ant 2 on AT-200ProII?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-08-24 15:53:06 UTC
From: Michael Walker
Topic: 5620 Message: 5621

If you find out, let me know as it is a 2 hour drive to my remote base.

Mike va3mw

On Fri, Aug 24, 2012 at 1:13 AM, wb4lcn <wb4lcn@...> wrote:

> **
>
>
> I operate a remote station and I use the LDG AT-200ProII and only use Ant
> port 1. Ant port 2 is empty.
>
> I'm able to turn the power on and off for each of the devices in my remote
> station. Sometimes, whenever I power up, the antenna tuner switches to Ant
> 2 and the only way to switch back to Ant 1 is to drive 13 miles to the
> remote station and manually switch the AT-200ProII back to Ant 1.
>
> QUESTION:
>
> Is there any way to disable the antenna tuner from switching over to Ant
> 2? It seems to happen at the most inopportune time.
>
> Thanks much!
>
> dave :)
>
>
>

[Non-text portions of this message have been removed]

5622. Re: Disable Ant 2 on AT-200ProII?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-08-24 16:15:47 UTC
From: shibukiau
Topic: 5620 Message: 5622

You may have missed my posts with the problems I had with my 600 PRO in a similar Remote application and my solution to it by disabling the internal antenna selector relay.

Fix is simple, cut the PCB trace to the antenna selector relay coil which in my case was K9. Then use the default antenna port which in my case was Ant2.

I still need to perform this surgery on my tuner but it is working well with the default antenna port. During the "surgery" I plan to jumper the antenna selector relay contacts to minimize future losses across it.

This should work for you too!

It's a great tuner when works!

Cheers!
Lloyd
VE3ERQ

--- In LDG-auto-tuners@yahoogroups.com, "wb4lcn" <wb4lcn@...> wrote:
>
> I operate a remote station and I use the LDG AT-200ProII and only use Ant port 1. Ant port 2 is empty.
>
> I'm able to turn the power on and off for each of the devices in my remote station. Sometimes, whenever I power up, the antenna tuner switches to Ant 2 and the only way to switch back to Ant 1 is to drive 13 miles to the remote station and manually switch the AT-200ProII back to Ant 1.
>
> QUESTION:
>
> Is there any way to disable the antenna tuner from switching over to Ant 2? It seems to happen at the most inopportune time.
>
> Thanks much!
>
> dave :)
>

5623. RE: [LDG-auto-tuners] Disable Ant 2 on AT-200ProII?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-08-24 16:15:47 UTC
From: Jerry Haigwood
Topic: 5620 Message: 5623

Why not connect the antenna coax to both ports using a tee connector? You might encounter a small amount of loss from the tee but not much. That way you will always be connected and you don't really care if ant 1 or ant 2 is connected!

Jerry W5JH

From: LDG-auto-tuners@yahoogroups.com
[mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of wb4lcn
Sent: Friday, August 24, 2012 12:13 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Disable Ant 2 on AT-200ProII?

I operate a remote station and I use the LDG AT-200ProII and only use Ant port 1. Ant port 2 is empty.

I'm able to turn the power on and off for each of the devices in my remote station. Sometimes, whenever I power up, the antenna tuner switches to Ant 2 and the only way to switch back to Ant 1 is to drive 13 miles to the remote station and manually switch the AT-200ProII back to Ant 1.

QUESTION:

Is there any way to disable the antenna tuner from switching over to Ant 2? It seems to happen at the most inopportune time.

Thanks much!

dave :)

[Non-text portions of this message have been removed]

5624. Re: [LDG-auto-tuners] Re: Disable Ant 2 on AT-200ProII?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-08-24 16:46:12 UTC
From: Jimmy (WB8NBI)
Topic: 5620 Message: 5624

Why not just put the antenna on port 2? It will stay their when on or off.

DE Jimmy (WB8NBI)

From: shibukiau
Sent: Friday, August 24, 2012 12:15 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: Disable Ant 2 on AT-200ProII?

You may have missed my posts with the problems I had with my 600 PRO in a similar Remote application and my solution to it by disabling the internal antenna selector relay.

Fix is simple, cut the PCB trace to the antenna selector relay coil which in my case was K9. Then use the default antenna port which in my case was Ant2.

I still need to perform this surgery on my tuner but it is working well with the default antenna port. During the "surgery" I plan to jumper the antenna selector relay contacts to minimize future losses across it.

This should work for you too!

It's a great tuner when works!

Cheers!
Lloyd
VE3ERQ

--- In mailto:LDG-auto-tuners%40yahoogroups.com, "wb4lcn" <wb4lcn@...> wrote:
>
> I operate a remote station and I use the LDG AT-200ProII and only use Ant port 1. Ant port 2 is empty.
>
> I'm able to turn the power on and off for each of the devices in my remote station. Sometimes, whenever I power up, the antenna tuner switches to Ant 2 and the only way to switch back to Ant 1 is to drive 13 miles to the remote station and manually switch the AT-200ProII back to Ant 1.
>
> QUESTION:
>
> Is there any way to disable the antenna tuner from switching over to Ant 2? It seems to happen at the most inopportune time.
>
> Thanks much!
>
> dave :)
>

[Non-text portions of this message have been removed]

5625. Re: [LDG-auto-tuners] Disable Ant 2 on AT-200ProII?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-08-24 17:32:44 UTC
From: KK2DOG in NY
Topic: 5620 Message: 5625

If I'm not mistaken, ANT 2 is the default antenna port. Just connect your coax to ANT 2 and you should be good-to-go.

KK2DOG
Owner/Admin
www.hamwave.com

From: wb4lcn <wb4lcn@...>
To: LDG-auto-tuners@yahoogroups.com
Sent: Friday, August 24, 2012 1:13 AM
Subject: [LDG-auto-tuners] Disable Ant 2 on AT-200ProII?

I operate a remote station and I use the LDG AT-200ProII and only use Ant port 1. Ant port 2 is empty.

I'm able to turn the power on and off for each of the devices in my remote station. Sometimes, whenever I power up, the antenna tuner switches to Ant 2 and the only way to switch back to Ant 1 is to drive 13 miles to the remote station and manually switch the AT-200ProII back to Ant 1.

QUESTION:

Is there any way to disable the antenna tuner from switching over to Ant 2? It seems to happen at the most inopportune time.

Thanks much!

dave :)

[Non-text portions of this message have been removed]

5626. 600 Pro or 1000 Pro?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-08-24 17:43:38 UTC
From: ka9p@aol.com
Topic: 5626 Message: 5626

Hi -

I've been using an AT200 Pro 2 for three years now, very happy with its performance at remotely tuning an 88 ft center fed zepp on all bands.

But because I can't leave well enough along I've put one of old amps in-line, and will run about 500 watts out on 40 and 80 some when conditions are tough, and I'm trying to decide whether I need a 600 pro or a 1000 Pro?

Anyone had any bad luck with the 600 at appropriate power levels? The only bad experiences I've had with the 200 are infrequent plumes of smoke if its hunting under full load on a otugh match, and I've learned to approach those at lower power, and would do the same with the bigger tuner and more watts.

Thanks, Scott

[Non-text portions of this message have been removed]

5627. Re: [LDG-auto-tuners] 600 Pro or 1000 Pro?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-08-24 18:27:27 UTC
From: Jimmy (WB8NBI)
Topic: 5626 Message: 5627

You cannot tune with more than 150 watts or 100 watts if the SWR is over 3.0: 1 with the AT- 600Pro or AT-1000Pro. Tuning at full power would be very bad for the tuner. I run a 500 watt solid-state amp here but I only tune with 10 watts from my TS-590 after tuning is done I turn the amp on.

DE Jimmy (WB8NBI)

From: ka9p@...
Sent: Friday, August 24, 2012 1:43 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] 600 Pro or 1000 Pro?

Hi -

I've been using an AT200 Pro 2 for three years now, very happy with its performance at remotely tuning an 88 ft center fed zepp on all bands.

But because I can't leave well enough along I've put one of old amps in-line, and will run about 500 watts out on 40 and 80 some when conditions are tough, and I'm trying to decide whether I need a 600 pro or a 1000 Pro?

Anyone had any bad luck with the 600 at appropriate power levels? The only bad experiences I've had with the 200 are infrequent plumes of smoke if its hunting under full load on a otugh match, and I've learned to approach those at lower power, and would do the same with the bigger tuner and more watts.

Thanks, Scott

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

5628. Re: [LDG-auto-tuners] Disable Ant 2 on AT-200ProII?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-08-24 21:59:52 UTC
From: Michael Walker
Topic: 5620 Message: 5628

Lloyd

Good idea on killing the relay. I might do the same on my AT1000Pro and
add a switch to disable it if need be.

The other ideas are ok, but if you have never run a remote base, the 'mod'
you have to make has to be bullet proof, especially if you can't see the
indicators.

T-ing it might work, but I would have to look at the schematic to see what
is between the relay and the antenna connectors as part of the matching
unit.

Explain to me why Ant 2 would be the 'default?'. That was
a rhetorical question. :)

Mike va3mw

On Fri, Aug 24, 2012 at 1:32 PM, KK2DOG in NY <kk2dog@...> wrote:

> **
>
>
> If I'm not mistaken, ANT 2 is the default antenna port. Just connect your
> coax to ANT 2 and you should be good-to-go.
>
>
> KK2DOG
> Owner/Admin
> www.hamwave.com
>
> ________________________________
> From: wb4lcn <wb4lcn@...>
> To: LDG-auto-tuners@yahoogroups.com
> Sent: Friday, August 24, 2012 1:13 AM
> Subject: [LDG-auto-tuners] Disable Ant 2 on AT-200ProII?
>
>
>
>
>
> I operate a remote station and I use the LDG AT-200ProII and only use Ant
> port 1. Ant port 2 is empty.
>
> I'm able to turn the power on and off for each of the devices in my remote
> station. Sometimes, whenever I power up, the antenna tuner switches to Ant
> 2 and the only way to switch back to Ant 1 is to drive 13 miles to the
> remote station and manually switch the AT-200ProII back to Ant 1.

>
> QUESTION:
>
> Is there any way to disable the antenna tuner from switching over to Ant
> 2? It seems to happen at the most inopportune time.
>
> Thanks much!
>
> dave :)
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

5629. Re: [LDG-auto-tuners] 600 Pro or 1000 Pro?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-08-25 04:09:12 UTC
From: KK2DOG in NY
Topic: 5626 Message: 5629

I run about 500 watts PEP out of an Ameritron AL-811 with no problems with my LDG-600PRO.

KK2DOG
Owner/Admin
www.hamwave.com

From: "ka9p@..." <ka9p@...>
To: LDG-auto-tuners@yahoogroups.com
Sent: Friday, August 24, 2012 1:43 PM
Subject: [LDG-auto-tuners] 600 Pro or 1000 Pro?

Hi -

I've been using an AT200 Pro 2 for three years now, very happy with its performance at remotely tuning an 88 ft center fed zepp on all bands.

But because I can't leave well enough along I've put one of old amps in-line, and will run about 500 watts out on 40 and 80 some when conditions are tough, and I'm trying to decide whether I need a 600 pro or a 1000 Pro?

Anyone had any bad luck with the 600 at appropriate power levels? The only bad experiences I've had with the 200 are infrequent plumes of smoke if its hunting under full load on a otugh match, and I've learned to approach those at lower power, and would do the same with the bigger tuner and more watts.

Thanks, Scott

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

5630. Re: [LDG-auto-tuners] 600 Pro or 1000 Pro?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-08-25 04:35:29 UTC
From: ka9p@aol.com
Topic: 5626 Message: 5630

Hey thanks, that's great :) 73 Scott

In a message dated 8/24/2012 11:09:16 P.M. Central Daylight Time,
kk2dog@... writes:

I run about 500 watts PEP out of an Ameritron AL-811 with no problems with
my LDG-600PRO.

KK2DOG
Owner/Admin
www.hamwave.com

From: "_ka9p@..._ (mailto:ka9p@...) " <_ka9p@..._
(mailto:ka9p@...) >
To: _LDG-auto-tuners@yahoogroups.com_
(mailto:LDG-auto-tuners@yahoogroups.com)
Sent: Friday, August 24, 2012 1:43 PM
Subject: [LDG-auto-tuners] 600 Pro or 1000 Pro?

Hi -

I've been using an AT200 Pro 2 for three years now, very happy with its
performance at remotely tuning an 88 ft center fed zepp on all bands.

But because I can't leave well enough along I've put one of old amps
in-line, and will run about 500 watts out on 40 and 80 some when
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tough, and I'm trying to decide whether I need a 600 pro or a 1000 Pro?

Anyone had any bad luck with the 600 at appropriate power levels? The only
bad experiences I've had with the 200 are infrequent plumes of smoke if
its
hunting under full load on a otugh match, and I've learned to approach
those at lower power, and would do the same with the bigger tuner and more
watts.

Thanks, Scott

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

5631. Re: [LDG-auto-tuners] Disable Ant 2 on AT-200ProII?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-08-25 20:17:31 UTC
From: Jimmy (WB8NBI)
Topic: 5620 Message: 5631

"Explain to me why Ant2 would be the default?

Because that’s the way LDG made it work.

DE Jimmy (WB8NBI)
-----Original Message-----
From: Michael Walker
Sent: Friday, August 24, 2012 5:59 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] Disable Ant 2 on AT-200ProII?

Lloyd

Explain to me why Ant 2 would be the 'default?'. That was
a rhetorical question. :)

5632. Trouble with Z-11 Pro - RFI?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-08-25 14:45:14 UTC
From: boris_the_bandit
Topic: 5632 Message: 5632

Hello all.

I recently bought a Z-11 pro from ebay, to replace my MFJ Versatuner.

I have an Icom 7200 and an FT-897, and my HF antenna is an off-centre-fed dipole (M0CVO HW-40HP), which can tune 80 to 6m bands with a little help. Both sets run 100w max, so should be fine with the Z-11 Pro.

The shack has an RF earth comprising two fair sized earth stakes, connected together and fed into the shack with a substantial copper welding earth cable. The two rigs and the Z-11 Pro are all earthed to this using equal lengths of coax, which have the centre and braid connected together at the "earth" end, and only the centre connected to the earth terminals on the equipment.

The tuner works fine at lower powers, but I have a problem on some bands from 20m up when I increase power (power level varies somewhat with band). The same problem is evident with a dummy load connected - but significantly more power is needed.

Observed problem is as follows: At low power, the tuner tunes and provides a good match. As power is increased, the SWR=1.5 light flickers (sound of a relay clicking lightly) - with a little more power the tuner kicks in, relays chattering away, and seems to get into a loop in which the SWR swings quite wildly, with the rig's protection system backing off the power on the SWR peaks.

On some bands this is easier to replicate than on others - on some, it seems to go straight into the tuning "loop", on others I can actually get a kind if "fizzing" noise just before the tuner cuts in.

Similar effects arise on both rigs, and I've swapped around the leads, removed the coax switch from the circuit, etc. to no avail.

I've rearranged the equipment to separate the various leads, I've tried RF chokes on either/both of the coax leads into the tuner, also on the power lead to the tuner, and I've also fed the tuner from a gel-cell to try and eliminate the problem - all to no apparent effect.

I realise the antenna isn't balanced, and that this might cause feeder radiation, but there is a coax "coil" (about 6 turns about 6" in diameter) some 10 feet below the feedpoint in an attempt to limit this.

I'm running a bit short of ideas - I can still operate fine on the bands I usually use, at my normal power levels (I seldom run "full chat") - but I'd like to get to the bottom of the problem.

Thoughts and suggestions welcome.

Many thanks,

Tony M (G4TRY)

5633. Re: [LDG-auto-tuners] Trouble with Z-11 Pro - RFI?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-08-26 07:01:08 UTC
From: Stadler Gernot
Topic: 5632 Message: 5633

Hello dear om,

do not use two cables for grounding. Use one groundcable and connect all the machines with the same lenght to an sartpoint where also the groundwire starts. OP use no grounding.

I use a AT-1000Pro antenna is a Zeppelinantenna 44 meter long with 450 ohm wiremancable 12 meters long into a balun 1:4, than another 20 Meters coax.
I run 400 Watts over the tuner with no problem.

Gernot Stadler
DL3NCJ DV3NCAVon: boris_the_bandit <boris.bandit@...>

[Non-text portions of this message have been removed]

5634. Re: Trouble with Z-11 Pro - RFI?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-08-26 10:13:25 UTC
From: g4try
Topic: 5632 Message: 5634

Hello, Gernot, and thanks for the thoughts.

I may not have explained very well:

I originally ran the station with no separate RF earth, and had no significant difficulties with RF. Indeed, I ran it with the Z-11 Pro for a while also with no problem, but I was only using 40m and 30m, mainly cw and relatively low power.

However, the tuner makes it easy to switch bands, and I've recently been attempting to use higher frequency bands - and that was where the problem became evident

I put the earthing system in just a day or so ago, to try and cure the problem I described. The cable from the ground stakes comes into the shack, and connects to a terminal block under the radio bench. Each item of equipment is then earthed to the terminal block with its own earth lead - I think that's what you were suggesting. The individual coax earth leads to the terminal block are each 1m long, then there is about 1.5m of heavy lead going through the wall and to the first ground stake, then about 1m more heavy cable to the second ground stake.

Again, thanks for the reply.

Further suggestions welcome.

Tony M (G4TRY)

5635. Re: [LDG-auto-tuners] Trouble with Z-11 Pro - RFI?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-08-27 15:53:19 UTC
From: Charles Scott
Topic: 5632 Message: 5635

Boris:

I hate to be blunt, but there is no such thing as an RF earth (ground) whenever there's any significant length of conductors. This is particularly true on higher frequencies where the length of the conductors can be a significant portion of a wavelength or even multiple wavelengths.

The problem you have may be caused by stray RF coming from your antenna. That's not unusual with off-center fed antennas, even if they have a balun. You need to prevent RF from coming back down the transmission line (common-mode caused by imbalance at the feed point) using some type of coil or choke. If you're antenna is particularly close to your house and/or shack, then you may need to deal with RF induced on other conductors in and around your station.

That you have this problem also with a dummy load connected, although at higher power, may indicate some other issue, either with cable connectors or other types of leakage, or ...

While I don't have a Z-11 Pro, I do notice in pictures of the inside of this unit that the circuit-board ground plane for the non-RF sections of the tuner are isolated from the chassis ground, which is the RF section ground (jumper with ferrite choke on the board at the back near the ground terminal). You can see this near the upper-right of this picture.

http://upload.wikimedia.org/wikipedia/commons/thumb/a/a4/Ldg-antenna-tuner-0a.jpg/800px-Ldg-antenna-tuner-0a.jpg

I ran into a problem with this with another LDG tuner in that RF noise, was being conducted into the unit on the power and control leads and then being coupled into the RF section. Note that the control section of the tuner appears to have no RF ground connection to the chassis. I solved the problem on our tuner by replacing that choke with a straight jumper, which dropped our noise level by several S-Units.

If RF noise can get in this way, so would stray TX RF and that effect would be worse at higher frequencies. This may in fact be a reason why there's a recurring theme with LDG tuners and sensitivity to stray RF.

Chuck - N8DNX

On 8/25/2012 10:45 AM, boris_the_bandit wrote:
> Hello all.
>
> I recently bought a Z-11 pro from ebay, to replace my MFJ Versatuner.
>

> I have an Icom 7200 and an FT-897, and my HF antenna is an off-centre-fed dipole (M0CVO HW-40HP), which can tune 80 to 6m bands with a little help. Both sets run 100w max, so should be fine with the Z-11 Pro.
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> The shack has an RF earth comprising two fair sized earth stakes, connected together and fed into the shack with a substantial copper welding earth cable. The two rigs and the Z-11 Pro are all earthed to this using equal lengths of coax, which have the centre and braid connected together at the "earth" end, and only the centre connected to the earth terminals on the equipment.
>
> The tuner works fine at lower powers, but I have a problem on some bands from 20m up when I increase power (power level varies somewhat with band). The same problem is evident with a dummy load connected - but significantly more power is needed.

5636. Re: Trouble with Z-11 Pro - RFI?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-08-28 18:42:50 UTC
From: g4try
Topic: 5632 Message: 5636

Chuck,

Thanks for the input - you raise some good points.

I've being doing some basic experimentation to investigate how the power I can run (without problems) varies across the bands. Initially, 80m, 40m 30m and 17m were OK - I could run 100W with no tuning problems, but on the other bands, only 50w or less.

On the basis that RF pick-up on the antenna feeder seems the most likely cause, I've been trying some RF chokes:

Putting a big clip-on ferrite with four turns of coax into the antenna lead just before the tuner fixed the performance on 15m, with no detriment elsewhere. Didn't seem to matter how many ferrites I used - I worked up to 6, with no additional benefits.

Then tried adding another choke outside, about 10ft below the antenna feedpoint (bottom of the aluminium pole, which is about 12 feet off the ground) - thought I'd fixed 20m, but turned out that was just because I'd left the (aluminium) ladder up - silly boy! With 3 ferrites below the antenna, 10m was OK at 100w - then I thought I'd try moving the choke down below the pole, rather than taping it alongside at the bottom - and now 10m is quite poor again.

The effect of the ladder on 20m raises the possibility of adding some wire to the bottom of the pole, vertically down towards the ground - although I haven't thought that one through yet.

I need to try a few other things - basically re-running the feedline so that it comes directly down to the ground, rather than coming into the house at the bottom of the pole - maybe another choke down there, with a direct ground to the braid, might help.

I also added the direct earth you suggested in the tuner itself, although that didn't seem to make any difference in my installation - good idea, nonetheless.

More work to be done - but not tonight!

Thanks again - further ideas welcome.

Best regards,

Tony M (G4TRY)

5637. Re: Trouble with Z-11 Pro - RFI? - NOW SORTED!

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-08-29 19:50:46 UTC
From: g4try
Topic: 5632 Message: 5637

Problem is now solved:

I've run a new feedline, this time remembering some of the basics I might have overlooked with the original (that I've used for over a year!).

1. Feedline now runs from the antenna straight to the ground - but well-removed from the aluminium mounting pole.

2. Feedline now runs round the outside of the house, at ground level, and straight into the shack - further from the antenna, much further from any domestic wiring.

3. Comes in through the wall, through two single-ferrite 4-turn chokes to the tuner.

In this configuration, I can run 100w on all the HF bands with no problem - only on the top 25% of the 50MHz band does the problem remain - and since this is mainly repeater outputs in the band plan, it isn't a concern to me - however, I still have the option of grounding the braid before the two ferrites, which might cure it. No great concern though - I reckon I've achieved what I set out to do.

Learning point: the LDG Z-11 Pro is very sensitive to RF in the shack - fix the RFI, fix the tuner.

Thanks to all for the constructive advice - much appreciated.

Best regards,

Tony M (G4TRY)

5638. z100, YOTTI, and FT-450AT

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-09-03 01:06:08 UTC
From: kb3cda_tony
Topic: 5638 Message: 5638

Hello all,

I recently purchased a z100 with the Yaesu One Touch Tuner Interface to go along with my FT-450AT.

According to the specs, the interface does not work with my radio, however, upon plugging it in, it does give the power necessary to run the tuner.

Is there something I can do to this to get it to work with my FT-450AT, or should I just plug it in to power and use it as a truly external tuner?

Thanks.
KB3CDA

5639. WU3U still looking for the remote control head for the LDG RT-11

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-09-03 06:04:41 UTC
From: morsenut
Topic: 5639 Message: 5639

Hello all,

Just a note that I am still looking for the optional remote control head for the LDG RT-11 autotuner.

IF you have one you want to sell please contact me at 215-264-6737.

I can also be reached via E mail at: WU3U@...

Thanks and 73,

Tim
WU3U

5640. AT 1000 Pro on 43' Vertical

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-09-10 14:43:32 UTC
From: Gerry
Topic: 5640 Message: 5640

I just put up a 43' vertical with a 4:1 balun at the base and fed with about 75' of RG-213. The 1000 Pro is in the shack. I can tune the vertical on all bands except 80CW (80SSB tunes fine). It appears that there is not enough L available to tune these lower frequencies. I did try manual tunning and have max L in the circut. Anybody have any suggestions other than the obvious of switching in some external L.

73, Gerry VE6LB

5641. Re: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-09-10 15:01:20 UTC
From: joe_aj3o@yahoo.com
Topic: 5640 Message: 5641

Radials are your friend. The more you put down, the better the vertical and tuning will work. A minimum of radials would be 12 spaced equally like the numbers on a clock face at least 34 feet long withe the 12, 3, 6, and 9 o'clock radials at 73.5 feet long. 12- North 3- East. 6- South. 9- west

See if this helps. Even just laying them on the ground without burying them will make a difference.

-----Original message-----
From: Gerry <ve6lb@...>
To: LDG-auto-tuners@yahoogroups.com
Sent: Mon, Sep 10, 2012 10:43:44 EDT
Subject: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical

I just put up a 43' vertical with a 4:1 balun at the base and fed with about 75' of RG-213. The 1000 Pro is in the shack. I can tune the vertical on all bands except 80CW (80SSB tunes fine). It appears that there is not enough L available to tune these lower frequencies. I did try manual tunning and have max L in the circut. Anybody have any suggestions other than the obvious of switching in some external L.

73, Gerry VE6LB

[Non-text portions of this message have been removed]

5642. Re: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-09-10 15:52:04 UTC
From: VE6LB
Topic: 5640 Message: 5642

Thanks Joe,

I have 30-40 buried radials from 35 to 60 feet long. Buried radials don’t have any need to be related to wavelength as the ground effects detune them. There is very little directional effect from radials.

I’ve had the same radial field for 20 years and many different verticals operating successfully over that field on all bands including 160.

I appreciate your suggestions and interest.

73, Gerry VE6LB

From: joe_aj3o@...
Sent: Monday, September 10, 2012 9:01 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical

Radials are your friend. The more you put down, the better the vertical and tuning will work. A minimum of radials would be 12 spaced equally like the numbers on a clock face at least 34 feet long withe the 12, 3, 6, and 9 o'clock radials at 73.5 feet long. 12- North 3- East. 6- South. 9- west

See if this helps. Even just laying them on the ground without burying them will make a difference.

-----Original message-----
From: Gerry <mailto:ve6lb%40telus.net>
To: mailto:LDG-auto-tuners%40yahoogroups.com
Sent: Mon, Sep 10, 2012 10:43:44 EDT
Subject: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical

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73, Gerry VE6LB

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5643. Re: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-09-10 16:10:10 UTC
From: joe_aj3o@yahoo.com
Topic: 5640 Message: 5643

Which vertical are you using? Did you try a coil of your coax with four to six turns at the feed point of the antenna? There may be others with more suggestions especially after you list what vertical it is.

I tried... lol

-----Original message-----
From: VE6LB <ve6lb@...>
To: LDG-auto-tuners@yahoogroups.com
Sent: Mon, Sep 10, 2012 11:52:21 EDT
Subject: Re: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical

Thanks Joe,

I have 30-40 buried radials from 35 to 60 feet long. Buried radials don’t have any need to be related to wavelength as the ground effects detune them. There is very little directional effect from radials.

I’ve had the same radial field for 20 years and many different verticals operating successfully over that field on all bands including 160.

I appreciate your suggestions and interest.

73, Gerry VE6LB

From: joe_aj3o@...
Sent: Monday, September 10, 2012 9:01 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical

Radials are your friend. The more you put down, the better the vertical and tuning will work. A minimum of radials would be 12 spaced equally like the numbers on a clock face at least 34 feet long withe the 12, 3, 6, and 9 o'clock radials at 73.5 feet long. 12- North 3- East. 6- South. 9- west

See if this helps. Even just laying them on the ground without burying them will make a difference.

-----Original message-----
From: Gerry <mailto:ve6lb%40telus.net>
To: mailto:LDG-auto-tuners%40yahoogroups.com
Sent: Mon, Sep 10, 2012 10:43:44 EDT
Subject: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical

I just put up a 43' vertical with a 4:1 balun at the base and fed with about 75' of RG-213. The 1000 Pro is in the shack. I can tune the vertical on all bands except 80CW (80SSB tunes fine). It appears that there is not enough L available to

[Non-text portions of this message have been removed]

5645. Re: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-09-10 20:36:16 UTC
From: VE6LB
Topic: 5640 Message: 5645

Joe,

I thought a “43foot vertical with a 4:1 balun” was pretty explanatory. It’s home made with aluminum section 43 foot tall ground mounted and feed at the base with a 4:1 balun.

Gerry VE6LB

From: joe_aj3o@...
Sent: Monday, September 10, 2012 10:10 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical

Which vertical are you using? Did you try a coil of your coax with four to six turns at the feed point of the antenna? There may be others with more suggestions especially after you list what vertical it is.

I tried... lol

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Sent: Mon, Sep 10, 2012 11:52:21 EDT
Subject: Re: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical

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I’ve had the same radial field for 20 years and many different verticals operating successfully over that field on all bands including 160.

I appreciate your suggestions and interest.

73, Gerry VE6LB

From: mailto:joe_aj3o%40yahoo.com
Sent: Monday, September 10, 2012 9:01 AM
To: mailto:LDG-auto-tuners%40yahoogroups.com
Subject: Re: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical

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See if this helps. Even just laying them on the ground without burying them will make a difference.

-----Original message-----
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To: mailto:LDG-auto-tuners%40yahoogroups.com
Sent: Mon, Sep 10, 2012 10:43:44 EDT
Subject: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical

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[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

5646. Re: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-09-10 21:50:00 UTC
From: joe_aj3o@yahoo.com
Topic: 5640 Message: 5646

Zero-five, MFJ, Eagle One, DX Engineering and others all sell 43' verticals. They also have different suggestions on how to mount, ground, feed, and what kind of radial field to put down, etc. I was just trying to get others that had a similar system give more advice.

-----Original message-----
From: VE6LB <ve6lb@...>
To: LDG-auto-tuners@yahoogroups.com
Sent: Mon, Sep 10, 2012 16:36:34 EDT
Subject: Re: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical

Joe,

I thought a “43foot vertical with a 4:1 balun” was pretty explanatory. It’s home made with aluminum section 43 foot tall ground mounted and feed at the base with a 4:1 balun.

Gerry VE6LB

From: joe_aj3o@...
Sent: Monday, September 10, 2012 10:10 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical

Which vertical are you using? Did you try a coil of your coax with four to six turns at the feed point of the antenna? There may be others with more suggestions especially after you list what vertical it is.

I tried... lol

-----Original message-----
From: VE6LB <mailto:ve6lb%40telus.net>
To: mailto:LDG-auto-tuners%40yahoogroups.com
Sent: Mon, Sep 10, 2012 11:52:21 EDT
Subject: Re: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical

Thanks Joe,

I have 30-40 buried radials from 35 to 60 feet long. Buried radials don’t have any need to be related to wavelength as the ground effects detune them. There is very little directional effect from radials.

I’ve had the same radial field for 20 years and many different verticals operating successfully over that field on all bands including 160.

I appreciate your suggestions and interest.

73, Gerry VE6LB

From: mailto:joe_aj3o%40yahoo.com
Sent: Monday, September 10, 2012 9:01 AM
To: mailto:LDG-auto-tuners%40yahoogroups.com
Subject: Re: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical

Radials are your frie

[Non-text portions of this message have been removed]

5647. Re: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-09-10 21:50:10 UTC
From: Bill Aycock
Topic: 5640 Message: 5647

Why do you have the 4:1 Balun? What is the impedance without the Balun? Do you have any Radials? What is the Coax braid connected to?
Bill--W4BSG-

--Original Message-----
From: Gerry
Sent: Monday, September 10, 2012 9:43 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical

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73, Gerry VE6LB

Yahoo! Groups Links

5648. Re: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-09-10 23:17:01 UTC
From: VE6LB-Gerry
Topic: 5640 Message: 5648

Hi Bill,

The 4:1 balun is required due the high impedance at most frequencies of a 43' vertical. All commercial (and home brew) 43' have a 4:1 balun. Here a good page if you want to learn about them http://www.eham.net/articles/21272 . I have 30-40 buried radial of various lengths. The coax braid is connected to radial ground. The antenna works great on all but 80CW and 160.

73, Gerry

From: Bill Aycock
Sent: Monday, September 10, 2012 3:50 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical

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Bill--W4BSG-

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73, Gerry VE6LB

Yahoo! Groups Links

[Non-text portions of this message have been removed]

5649. Re: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-09-10 23:31:10 UTC
From: VE6LB-Gerry
Topic: 5640 Message: 5649

Joe,

Mine is a copy of most of those. Again, all I looking for is any experience from 1000PRO users on tuning the 80 CW and 160 bands. The antenna works fine elsewhere.

Anyone with experience with the 1000pro on 43' verticals on 160 and 80CW, please let be know.

Gerry VE6LB

From: joe_aj3o@yahoo.com
Sent: Monday, September 10, 2012 3:50 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical

Zero-five, MFJ, Eagle One, DX Engineering and others all sell 43' verticals. They also have different suggestions on how to mount, ground, feed, and what kind of radial field to put down, etc. I was just trying to get others that had a similar system give more advice.

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Sent: Monday, September 10, 2012 10:10 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical

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I tried... lol

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Subject: Re: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical

Radials are your frie

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

5650. Re: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-09-10 23:55:53 UTC
From: Bill Aycock
Topic: 5640 Message: 5650

Thanks, Gerry--
Seems to be a good article. However, the curves don't explain your problem on 80CW. I saw your answer about the Radials earlier.
I need to do some modeling on this, myself. I don't think I need to cover the upper freq bands, so My trades will be different.
Bill--W4BSG

-----Original Message-----
From: VE6LB-Gerry
Sent: Monday, September 10, 2012 6:17 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical

Hi Bill,

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73, Gerry

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Sent: Monday, September 10, 2012 3:50 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical

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73, Gerry VE6LB

Yahoo! Groups Links

[Non-text portions of this message have been removed]

Yahoo! Groups Links

5651. Re: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-09-11 00:31:21 UTC
From: VE6LB-Gerry
Topic: 5640 Message: 5651

Bill,

I have a SteppIR BiggIR mounted near the 43'. They are electrically isolated though vacuum relays that open the radiators of the unused antenna. I've been doing some A/B testing on RX using the current NH8S DXpedition as my test signal. On 80 SSB, 40 and 15 they are equal. On 30, 20 and 17, the 43' hears significantly better and on 10 and 12, the SteppIR is significantly better. In all test cases, I have the 43' tuned though the LDG. My initial feeling is the high angle on 10/12 is a major drawback.

I really don't have a problem. What I'm really looking for is some feedback from others using the 1000 pro and a 43' antenna to confirm the tuner simple can't handle the high impedance on the low bands. The LDG tunes everywhere else just great. I may try to put my big old manual tuner in and see how that works.

With the SteppIR, I have 80 covered and I have a 160 loading coil I can switch in on the 43' and that plays perfectly. I'm trying to see if I can do it all with one 43' with just a tuner in the shack for the future when we may move to a smaller location.

Thanks for the interest.

73, Gerry VE6LB

From: Bill Aycock
Sent: Monday, September 10, 2012 5:55 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical

Thanks, Gerry--
Seems to be a good article. However, the curves don't explain your problem
on 80CW. I saw your answer about the Radials earlier.
I need to do some modeling on this, myself. I don't think I need to cover
the upper freq bands, so My trades will be different.
Bill--W4BSG

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From: VE6LB-Gerry
Sent: Monday, September 10, 2012 6:17 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical

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From: Bill Aycock
Sent: Monday, September 10, 2012 3:50 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical

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73, Gerry VE6LB

Yahoo! Groups Links

[Non-text portions of this message have been removed]

Yahoo! Groups Links

[Non-text portions of this message have been removed]

5652. Re: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-09-11 00:44:32 UTC
From: Joshua Mesilane
Topic: 5640 Message: 5652

Hi Gerry,

Just a thought, but I used to have an 80m inverted L setup, and 43' is approaching 3/16ths (only 1/16th of a wavelength away from a 1/4 wave) of a wavelength on 80Instead of having a high impedance antenna that's too long, you're more likely to have a low impedance antenna that's too short. Have you tried removing the balun and seeing if it will tune on the low band? You might find that instead of being too high impedance, that it's actually a low impedance at that particular frequency, and that the 4:1 balun is taking that beyond the lower range of the tuner?

You've also got other things to consider, as you WILL have standing waves on the coax, which WILL play havock with the SWR/Impedance that the tuner sees depending on the length of the coax. Have you tried adding/removing a few feet of coax between the tuner & antenna and seeing if your results change?

Cheers,
Josh

VK3XJM
0416039082
josh@...
http://www.zindello.com.au/

On Tue, Sep 11, 2012 at 10:31 AM, VE6LB-Gerry <ve6lb@...> wrote:

> **
>
>
>
> Bill,
>
> I have a SteppIR BiggIR mounted near the 43'. They are electrically
> isolated though vacuum relays that open the radiators of the unused
> antenna. I've been doing some A/B testing on RX using the current NH8S
> DXpedition as my test signal. On 80 SSB, 40 and 15 they are equal. On 30,
> 20 and 17, the 43' hears significantly better and on 10 and 12, the SteppIR
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> switch in on the 43' and that plays perfectly. I'm trying to see if I can
> do it all with one 43' with just a tuner in the shack for the future when
> we may move to a smaller location.
>
> Thanks for the interest.
>
> 73, Gerry VE6LB
>
> From: Bill Aycock
> Sent: Monday, September 10, 2012 5:55 PM
>
> To: LDG-auto-tuners@...m
> Subject: Re: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical
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> Thanks, Gerry--
> Seems to be a good article. However, the curves don't explain your problem
> on 80CW. I saw your answer about the Radials earlier.
> I need to do some modeling on this, myself. I don't think I need to cover
> the upper freq bands, so My trades will be different.
> Bill--W4BSG
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> -----Original Message-----
> From: VE6LB-Gerry
> Sent: Monday, September 10, 2012 6:17 PM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: Re: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical
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> Hi Bill,
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> 43' vertical. All commercial (and home brew) 43' have a 4:1 balun. Here a
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> to radial ground. The antenna works great on all but 80CW and 160.
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> 73, Gerry
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> From: Bill Aycock
> Sent: Monday, September 10, 2012 3:50 PM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: Re: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical
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> Why do you have the 4:1 Balun? What is the impedance without the Balun? Do
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>
> --Original Message-----
> From: Gerry
> Sent: Monday, September 10, 2012 9:43 AM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical
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> Yahoo! Groups Links
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5653. Re: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-09-10 22:42:47 UTC
From: Tony Magon
Topic: 5640 Message: 5653

My take of it is that when you are down the CW end of the band on 80, the 43 foot antenna would have a very low impedeance and by connecting a 4 to 1 balun so that you have 50ohms side at the tuner and 200 ohms at the antenna side (in theory) if for instance you had already low impedance at the bottom of the antenna the input of the antenna tuner would actually be seeing one quarter of that impedance.

Thats my take on it

73

Tony VK2IC

On Tue, Sep 11, 2012 at 7:50 AM, Bill Aycock <billaycock@...>wrote:

> **
>
>
> Why do you have the 4:1 Balun? What is the impedance without the Balun? Do
> you have any Radials? What is the Coax braid connected to?
> Bill--W4BSG-
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> To: LDG-auto-tuners@yahoogroups.com
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> Yahoo! Groups Links

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5654. Re: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-09-11 01:45:00 UTC
From: VE6LB-Gerry
Topic: 5640 Message: 5654

Hi Josh,

I will try your suggestion of changing the coax length and see what happens. I don't expect that's the issue. What I really want to find out is if the 1000pro has the range to tune the 43' on the lowest bands. If not, I may play with other changes. Clearly the 1000pro can tune the 43' at 3.8 but not at 3.5 mhz. I just tried it at 3.6 and no tune. At 3.65 I got a tuning solution.

I'm sure I could get it to play fine on the low bands by making loading/matching changes at the antenna. This would no doubt also cause unwanted changes on the higher bands that now work fine. What I want is to fine a tuning solution for all bands from the shack. I'll put a big old Pi manual tuner in line tomorrow and see what happens.

Thanks for the interest,

73, Gerry VE6LB

From: "Joshua Mesilane" <josh@...>
Sent: Monday, September 10, 2012 6:44 PM
To: <LDG-auto-tuners@yahoogroups.com>
Subject: Re: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical

> Hi Gerry,
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> Just a thought, but I used to have an 80m inverted L setup, and 43' is
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> few feet of coax between the tuner & antenna and seeing if your results
> change?
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> Cheers,

> Josh
>
> ---
> VK3XJM
> 0416039082
> josh@...
> http://www.zindello.com.au/
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>> 73, Gerry VE6LB
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>> From: Bill Aycock
>> Sent: Monday, September 10, 2012 5:55 PM
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>> To: LDG-auto-tuners@yahoogroups.com
>> Subject: Re: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical
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>> Bill--W4BSG
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>> -----Original Message-----
>> From: VE6LB-Gerry
>> Sent: Monday, September 10, 2012 6:17 PM
>> To: LDG-auto-tuners@yahoogroups.com
>> Subject: Re: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical
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5655. Re: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-09-11 02:08:24 UTC
From: VE6LB-Gerry
Topic: 5640 Message: 5655

Hi Tony,

These antennas have been around forever and have always used a 4:1 at the base (in truth 1:4) as the 1: side is to the coax. The problem (I think) is the range of the tuner. It appears the L network tuner in the 1000pro has all the L out and and all the C in when it has a tuning solution at the edge of it's range (3.65 mhz).

You are right on the impedance being to low on the low bands. It would make one think that the Balun is backwards for the low bands but the impedance gets quite high on the high bands so it's all a compromise.

I fun project for sure.

Thanks for the suggestions.

73, Gerry VE6LB

From: Tony Magon
Sent: Monday, September 10, 2012 4:42 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical

My take of it is that when you are down the CW end of the band on 80, the
43 foot antenna would have a very low impedeance and by connecting a 4 to 1
balun so that you have 50ohms side at the tuner and 200 ohms at the antenna
side (in theory) if for instance you had already low impedance at the
bottom of the antenna the input of the antenna tuner would actually be
seeing one quarter of that impedance.

Thats my take on it

73

Tony VK2IC

On Tue, Sep 11, 2012 at 7:50 AM, Bill Aycock <billaycock@...>wrote:

> **
>
>
> Why do you have the 4:1 Balun? What is the impedance without the Balun? Do
> you have any Radials? What is the Coax braid connected to?
> Bill--W4BSG-
>
>
> --Original Message-----
> From: Gerry
> Sent: Monday, September 10, 2012 9:43 AM

> To: LDG-auto-tuners@yahoogroups.com
> Subject: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical
>
> I just put up a 43' vertical with a 4:1 balun at the base and fed with
> about
> 75' of RG-213. The 1000 Pro is in the shack. I can tune the vertical on
> all
> bands except 80CW (80SSB tunes fine). It appears that there is not enough
> L
> available to tune these lower frequencies. I did try manual tunning and
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> max L in the circut. Anybody have any suggestions other than the obvious
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> switching in some external L.
>
> 73, Gerry VE6LB
>
> ------------------------------------
>
> Yahoo! Groups Links
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[Non-text portions of this message have been removed]

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5656. Re: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-09-11 02:08:57 UTC
From: Joshua Mesilane
Topic: 5640 Message: 5656

Hi Gerry,

What's most likely to have happened is you've hit a low impedance point on the feed line, altering the feed line should resolve these issues.

When dealing with a remote, non-resonant coax-fed antenna you CANNOT think of the coax as presenting the same impedance to the transmitter all the way along. The standing waves on the Coax that are caused by the impedance mismatch will transform the impedance of the antenna depending on the length of the coax. If you've hit one of these points, you'll find that you're Often altering the coax a little longer or shorter can resolve these issues, as it will change the impedance that the tuner will see by just enough that it will allow you to tune.

Cheers,
Josh

VK3XJM
0416039082
josh@zindello.com.au
http://www.zindello.com.au/

On Tue, Sep 11, 2012 at 11:45 AM, VE6LB-Gerry <ve6lb@...> wrote:

> **
>
>
>
> Hi Josh,
>
> I will try your suggestion of changing the coax length and see what
> happens.
> I don't expect that's the issue. What I really want to find out is if the
> 1000pro has the range to tune the 43' on the lowest bands. If not, I may
> play with other changes. Clearly the 1000pro can tune the 43' at 3.8 but
> not
> at 3.5 mhz. I just tried it at 3.6 and no tune. At 3.65 I got a tuning
> solution.
>
> I'm sure I could get it to play fine on the low bands by making
> loading/matching changes at the antenna. This would no doubt also cause
> unwanted changes on the higher bands that now work fine. What I want is to
> fine a tuning solution for all bands from the shack. I'll put a big old Pi
> manual tuner in line tomorrow and see what happens.
>
> Thanks for the interest,

>
> 73, Gerry VE6LB
>
> ----------
> From: "Joshua Mesilane" <josh@...>
> Sent: Monday, September 10, 2012 6:44 PM
>
> To: <LDG-auto-tuners@yahoogroups.com>
> Subject: Re: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical
>
> > Hi Gerry,
> >
> > Just a thought, but I used to have an 80m inverted L setup, and 43' is
> > approaching 3/16ths (only 1/16th of a wavelength away from a 1/4 wave)
> of
> > a
> > wavelength on 80Instead of having a high impedance antenna that's too
> > long,
> > you're more likely to have a low impedance antenna that's too short. Have
> > you tried removing the balun and seeing if it will tune on the low band?
> > You might find that instead of being too high impedance, that it's
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> > taking that beyond the lower range of the tuner?
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> > You've also got other things to consider, as you WILL have standing waves
> > on the coax, which WILL play havock with the SWR/Impedance that the tuner
> > sees depending on the length of the coax. Have you tried adding/removing
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> > few feet of coax between the tuner & antenna and seeing if your results
> > change?
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> > Cheers,
> > Josh
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> > ---
> > VK3XJM
> > 0416039082
> > josh@...
> > http://www.zindello.com.au/
> >
> >
> >
> > On Tue, Sep 11, 2012 at 10:31 AM, VE6LB-Gerry <ve6lb@...> wrote:
> >
> >> **
>
> >>
> >>
> >>

> >> Bill,
> >>
> >> I have a SteppIR BiggIR mounted near the 43'. They are electrically
> >> isolated though vacuum relays that open the radiators of the unused
> >> antenna. I've been doing some A/B testing on RX using the current NH8S
> >> DXpedition as my test signal. On 80 SSB, 40 and 15 they are equal. On
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> >> 20 and 17, the 43' hears significantly better and on 10 and 12, the
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> >> is significantly better. In all test cases, I have the 43' tuned though
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> >> LDG. My initial feeling is the high angle on 10/12 is a major drawback.
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> >> I really don't have a problem. What I'm really looking for is some
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> >> tuner simple can't handle the high impedance on the low bands. The LDG
> >> tunes everywhere else just great. I may try to put my big old manual
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> >> With the SteppIR, I have 80 covered and I have a 160 loading coil I can
> >> switch in on the 43' and that plays perfectly. I'm trying to see if I
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> >> we may move to a smaller location.
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> >> Thanks for the interest.
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> >> 73, Gerry VE6LB
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> >> From: Bill Aycock
> >> Sent: Monday, September 10, 2012 5:55 PM
> >>
> >> To: LDG-auto-tuners@yahoogroups.com
> >> Subject: Re: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical
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> >> Thanks, Gerry--
> >> Seems to be a good article. However, the curves don't explain your
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> >> -----Original Message-----
> >> From: VE6LB-Gerry
> >> Sent: Monday, September 10, 2012 6:17 PM
> >> To: LDG-auto-tuners@yahoogroups.com

> >> Subject: Re: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical
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> >> Hi Bill,
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> >> The 4:1 balun is required due the high impedance at most frequencies of
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> >> good page if you want to learn about them
> >> http://www.eham.net/articles/21272
> >> . I have 30-40 buried radial of various lengths. The coax braid is
> >> connected
> >> to radial ground. The antenna works great on all but 80CW and 160.
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> >> From: Bill Aycock
> >> Sent: Monday, September 10, 2012 3:50 PM
> >> To: LDG-auto-tuners@yahoogroups.com
> >> Subject: Re: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical
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> >> Sent: Monday, September 10, 2012 9:43 AM
> >> To: LDG-auto-tuners@yahoogroups.com
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5657. Re: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-09-11 02:18:17 UTC
From: VE6LB-Gerry
Topic: 5640 Message: 5657

Thanks Josh, Will give this a try. Easy to do for sure.

73, Gerry VE6LB

From: "Joshua Mesilane" <josh@...>
Sent: Monday, September 10, 2012 8:08 PM
To: <LDG-auto-tuners@yahoogroups.com>
Subject: Re: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical

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>> Sent: Monday, September 10, 2012 6:44 PM
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>> >> From: Bill Aycock
>> >> Sent: Monday, September 10, 2012 5:55 PM
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>> >> To: LDG-auto-tuners@yahoogroups.com
>> >> Subject: Re: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical
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>> >> From: Bill Aycock
>> >> Sent: Monday, September 10, 2012 3:50 PM
>> >> To: LDG-auto-tuners@yahoogroups.com
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5658. Re: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-09-11 11:37:48 UTC
From: Joe
Topic: 5640 Message: 5658

On 9/10/2012 8:31 PM, VE6LB-Gerry wrote:
> What I'm really looking for is some feedback from others using the 1000 pro and a 43' antenna to confirm the tuner simple can't handle the high impedance on the low bands. The LDG tunes everywhere else just great. I may try to put my big old manual tuner in and see how that works.

Whenever I have used an antenna that is a compromise (i.e. wrong length, lack of radials, etc) and it doesn't tune I try adding a length of coax to the feed-line. My guess on 80CW would be 25-50 feet. Sometimes this is enough to change the feed-point characteristics to something that the antenna tuner can deal with. This is not the best fix, but sometimes it gets you on the air with little effort. I haven't tried this on the typical 43' vertical but it may work.
>
> With the SteppIR, I have 80 covered and I have a 160 loading coil I can switch in on the 43' and that plays perfectly. I'm trying to see if I can do it all with one 43' with just a tuner in the shack for the future when we may move to a smaller location.
>
>

I've never had good luck in moving an HF antenna from one location to another and have it work the same. Too many location variables......

73, Joe, K1ike

5659. Ldg 600 pro autotuner issue

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-09-11 12:59:26 UTC
From: mcyman
Topic: 5659 Message: 5659

Hello all, I am still having an issue with my LDG600Pro,

The problem manifests itself as follows.

My tuner is connected to a Astron 35 amp power supply.
When the Astron is first turned on the LDG immediately powers up, at this point I can turn the LDG on or off the power switch works as it should.
I than turn OFF the LDG, Bypass the tuner!

I occasionally use the tuner when I use my Kpa500 (Elecraft) 500 Watt amp.

This last week I made a few contacts without using the amp.

Here is what happens with everything still powered up and working!

When I pushed the LDG600 Power button, NOTHING happened! The 600 pro would not POWER up!

The only way I could get the 600 Pro to power up, and work as it should, I had to physically remove the DC Power cord on the back of the LDG tuner, and than reconnect the plug to the 600 pro.

Somehow the 600 pro LOCKS up. Just running 100 watts out of my Kenwood
TS590, when the 600 pro tuner is OFF.(By PAssed)

Wonder if any one else has had this issue, and if so , how did you correct the problem?

thanks Rob N8RT

5660. Re: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-09-11 14:08:01 UTC
From: VE6LB-Gerry
Topic: 5640 Message: 5660

Thanks Joe. As you can see from my later post, adding some coax fixed the problem. Simple!

73, Gerry VE6LB

From: Joe
Sent: Tuesday, September 11, 2012 5:37 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical

On 9/10/2012 8:31 PM, VE6LB-Gerry wrote:
> What I'm really looking for is some feedback from others using the 1000 pro and a 43' antenna to confirm the tuner simple can't handle the high impedance on the low bands. The LDG tunes everywhere else just great. I may try to put my big old manual tuner in and see how that works.

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73, Joe, K1ike

[Non-text portions of this message have been removed]

5661. Fw: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-09-11 14:16:53 UTC
From: VE6LB-Gerry
Topic: 5661 Message: 5661

From: VE6LB-Gerry
Sent: Tuesday, September 11, 2012 8:08 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical

Thanks Joe. As you can see from my later post, adding some coax fixed the problem. Simple!

73, Gerry VE6LB

From: Joe
Sent: Tuesday, September 11, 2012 5:37 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical

On 9/10/2012 8:31 PM, VE6LB-Gerry wrote:
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5662. Re: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-09-11 02:25:34 UTC
From: Hank Greeb
Topic: 5640 Message: 5662

I've NEVER heard of a ground mounted vertical being a "BALANCED"
antenna. Why would you use a 4/1 BALANCED to UNBALANCED transformer at
the base of such an antenna?

A 4/1 impedance transformer with the higher impedance side on the coax
side, MIGHT be appropriate, because I'd betcha a donut to a dollar that
the impedance presented @ 3500 KHz would be rather low.

The "ideal" place for the matching device, such as a the LDG is at the
base of the antenna, so the coax is looking at 50 ohms resistive or
close, and there's no extra loss. I've never used 43' vertical, but I
do know that a coil (now a daze called an "inductor") made of
approximately 31' of wire wound on a 2" plastic pipe really "tames" a
31' vertical so it can be matched by a LDG Z-100 tuner placed at its base.

72/73 de n8xx Hg
QRP >99.44% of the time

On 9/10/2012 10:08 PM, VE6LB-Gerry wrote:
> Hi Tony,
>
> These antennas have been around forever and have always used a 4:1 at the base (in truth 1:4) as the 1: side is to the coax. The problem (I think) is the range of the tuner. It appears the L network tuner in the 1000pro has all the L out and and all the C in when it has a tuning solution at the edge of it's range (3.65 mhz).
>
> You are right on the impedance being to low on the low bands. It would make one think that the Balun is backwards for the low bands but the impedance gets quite high on the high bands so it's all a compromise.
>
> I fun project for sure.
>
> Thanks for the suggestions.
>
> 73, Gerry VE6LB
>
>
> From: Tony Magon
> Sent: Monday, September 10, 2012 4:42 PM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: Re: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical
>
>
>
> My take of it is that when you are down the CW end of the band on 80, the 43 foot antenna would have a very low impedeance and by connecting a 4 to 1 balun so that you have 50ohms

side at the tuner and 200 ohms at the antenna side (in theory) if for instance you had already low impedance at the bottom of the antenna the input of the antenna tuner would actually be seeing one quarter of that impedance.
>
> Thats my take on it
>
> 73
>
> Tony VK2IC
>
> On Tue, Sep 11, 2012 at 7:50 AM, Bill Aycock <billaycock@...>wrote:
>
>> **
>>
>>
>> Why do you have the 4:1 Balun? What is the impedance without the Balun? Do
>> you have any Radials? What is the Coax braid connected to?
>> Bill--W4BSG-
>>
>>
>> --Original Message-----
>> From: Gerry
>> Sent: Monday, September 10, 2012 9:43 AM
>> To: LDG-auto-tuners@yahoogroups.com
>> Subject: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical
>>
>> I just put up a 43' vertical with a 4:1 balun at the base and fed with about 75' of RG-213. The 1000 Pro is in the shack. I can tune the vertical on all bands except 80CW (80SSB tunes fine). It appears that there is not enough L available to tune these lower frequencies. I did try manual tunning and have max L in the circut. Anybody have any suggestions other than the obvious of switching in some external L.
>>
>> 73, Gerry VE6LB

5663. Re: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-09-11 15:12:40 UTC
From: VE6LB
Topic: 5640 Message: 5663

Thanks Hank,

It’s configured as a UNUN as per DX Engineering’s documentation.

As per my previous post, it all works fine now with the addition of some coax.

73, Gerry VE6LB

From: Hank Greeb
Sent: Monday, September 10, 2012 8:25 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical

I've NEVER heard of a ground mounted vertical being a "BALANCED"
antenna. Why would you use a 4/1 BALANCED to UNBALANCED transformer at
the base of such an antenna?

A 4/1 impedance transformer with the higher impedance side on the coax
side, MIGHT be appropriate, because I'd betcha a donut to a dollar that
the impedance presented @ 3500 KHz would be rather low.

The "ideal" place for the matching device, such as a the LDG is at the
base of the antenna, so the coax is looking at 50 ohms resistive or
close, and there's no extra loss. I've never used 43' vertical, but I
do know that a coil (now a daze called an "inductor") made of
approximately 31' of wire wound on a 2" plastic pipe really "tames" a
31' vertical so it can be matched by a LDG Z-100 tuner placed at its base.

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QRP >99.44% of the time

On 9/10/2012 10:08 PM, VE6LB-Gerry wrote:
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> These antennas have been around forever and have always used a 4:1 at the base (in truth 1:4) as the 1: side is to the coax. The problem (I think) is the range of the tuner. It appears the L network tuner in the 1000pro has all the L out and and all the C in when it has a tuning solution at the edge of it's range (3.65 mhz).
>
> You are right on the impedance being to low on the low bands. It would make one think that the Balun is backwards for the low bands but the impedance gets quite high on the high bands so it's all a compromise.
>
> I fun project for sure.
>
> Thanks for the suggestions.
>

> 73, Gerry VE6LB
>
>
> From: Tony Magon
> Sent: Monday, September 10, 2012 4:42 PM
> To: mailto:LDG-auto-tuners%40yahoogroups.com
> Subject: Re: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical
>
>
>
> My take of it is that when you are down the CW end of the band on 80, the 43 foot antenna would have a very low impedeance and by connecting a 4 to 1 balun so that you have 50ohms side at the tuner and 200 ohms at the antenna side (in theory) if for instance you had already low impedance at the bottom of the antenna the input of the antenna tuner would actually be seeing one quarter of that impedance.
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> Tony VK2IC
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> On Tue, Sep 11, 2012 at 7:50 AM, Bill Aycock <mailto:billaycock%40centurytel.net>wrote:
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>> Why do you have the 4:1 Balun? What is the impedance without the Balun? Do
>> you have any Radials? What is the Coax braid connected to?
>> Bill--W4BSG-
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>> From: Gerry
>> Sent: Monday, September 10, 2012 9:43 AM
>> To: mailto:LDG-auto-tuners%40yahoogroups.com
>> Subject: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical
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>>
>> 73, Gerry VE6LB

[Non-text portions of this message have been removed]

5664. Re: [LDG-auto-tuners] Ldg 600 pro autotuner issue

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-09-11 15:27:13 UTC
From: KK2DOG in NY
Topic: 5659 Message: 5664

Why not simply leave the tuner on all of the time after it's been powered-up by the Astron? You can bypass the tuner by pushing the "Tune" button quickly. That's how I run mine and I've never had an issue.

KK2DOG
Owner/Admin
www.hamwave.com

From: mcyman <mcyman@...>
To: LDG-auto-tuners@yahoogroups.com
Sent: Tuesday, September 11, 2012 8:59 AM
Subject: [LDG-auto-tuners] Ldg 600 pro autotuner issue

Hello all, I am still having an issue with my LDG600Pro,

The problem manifests itself as follows.

My tuner is connected to a Astron 35 amp power supply.
When the Astron is first turned on the LDG immediately powers up, at this point I can turn the LDG on or off the power switch works as it should.
I than turn OFF the LDG, Bypass the tuner!

I occasionally use the tuner when I use my Kpa500 (Elecraft) 500 Watt amp.

This last week I made a few contacts without using the amp.

Here is what happens with everything still powered up and working!

When I pushed the LDG600 Power button, NOTHING happened! The 600 pro would not POWER up!

The only way I could get the 600 Pro to power up, and work as it should, I had to physically remove the DC Power cord on the back of the LDG tuner, and than reconnect the plug to the 600 pro.

Somehow the 600 pro LOCKS up. Just running 100 watts out of my Kenwood TS590, when the 600 pro tuner is OFF.(By PAssed)

Wonder if any one else has had this issue, and if so , how did you correct the problem?

thanks Rob N8RT

[Non-text portions of this message have been removed]

5665. Re: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-09-11 22:12:47 UTC
From: Joe
Topic: 5640 Message: 5665

On 9/11/2012 10:08 AM, VE6LB-Gerry wrote:
> Thanks Joe. As you can see from my later post, adding some coax fixed the problem. Simple!
>
> 73, Gerry VE6LB

I'm curious, how much coax and what kind did you use? Joe

5666. Re: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-09-11 22:27:02 UTC
From: VE6LB-Gerry
Topic: 5640 Message: 5666

I added 40' of RG8U. Only because I had a piece like that with connectors on. I may play with other lengths some time.

Gerry VE6LB

From: Joe
Sent: Tuesday, September 11, 2012 4:12 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical

On 9/11/2012 10:08 AM, VE6LB-Gerry wrote:
> Thanks Joe. As you can see from my later post, adding some coax fixed the problem. Simple!
>
> 73, Gerry VE6LB

I'm curious, how much coax and what kind did you use? Joe

[Non-text portions of this message have been removed]

5667. Re: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-09-11 22:38:04 UTC
From: Joshua Mesilane
Topic: 5640 Message: 5667

40'. Wow! That's heaps. On a non-resonant system I'd recommend reducing
that length, as your losses will be pretty high. You probably only needed
to add 1-2 feet of coax to solve the problem.

VK3XJM
0416039082
josh@zindello.com.au
http://www.zindello.com.au/

On Wed, Sep 12, 2012 at 8:27 AM, VE6LB-Gerry <ve6lb@...> wrote:

> **
>
>
>
> I added 40' of RG8U. Only because I had a piece like that with connectors
> on. I may play with other lengths some time.
>
> Gerry VE6LB
>
> From: Joe
> Sent: Tuesday, September 11, 2012 4:12 PM
>
> To: LDG-auto-tuners@yahoogroups.com
> Subject: Re: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical
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> On 9/11/2012 10:08 AM, VE6LB-Gerry wrote:
> > Thanks Joe. As you can see from my later post, adding some coax fixed
> the problem. Simple!
> >
> > 73, Gerry VE6LB
>
> I'm curious, how much coax and what kind did you use? Joe
>
> [Non-text portions of this message have been removed]
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[Non-text portions of this message have been removed]

5668. Re: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-09-11 22:51:57 UTC
From: VE6LB
Topic: 5640 Message: 5668

Josh,

It was just what I had handy and it proved the solution. I don't really use the 43' with the UNUN on the low bands. My SteppIR is great on 40 & 80 and supper on the high bands. The 43' is better on 15, 17 and 20 and it works fine there without the extra coax. I do use the 43' on 160 where I switch in an old Butternut 160 base loading coil.

More trying to prove that the 43' would work should we move and I can only put up one antenna. In that case, I'd get a new tuner and put it at the base. Based on 10/12 performance, I might play with a shorter version as well.

73, Gerry VE6LB

-----Original Message-----
From: Joshua Mesilane
Sent: Tuesday, September 11, 2012 4:38 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical

40'. Wow! That's heaps. On a non-resonant system I'd recommend reducing that length, as your losses will be pretty high. You probably only needed to add 1-2 feet of coax to solve the problem.

VK3XJM
0416039082
josh@...
http://www.zindello.com.au/

On Wed, Sep 12, 2012 at 8:27 AM, VE6LB-Gerry <ve6lb@...> wrote:

> **
>
>
>
> I added 40' of RG8U. Only because I had a piece like that with connectors
> on. I may play with other lengths some time.
>
> Gerry VE6LB
>
> From: Joe
> Sent: Tuesday, September 11, 2012 4:12 PM
>
> To: LDG-auto-tuners@yahoogroups.com
> Subject: Re: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical

>
> On 9/11/2012 10:08 AM, VE6LB-Gerry wrote:
> > Thanks Joe. As you can see from my later post, adding some coax fixed
> the problem. Simple!
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> > 73, Gerry VE6LB
>
> I'm curious, how much coax and what kind did you use? Joe
>
> [Non-text portions of this message have been removed]
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[Non-text portions of this message have been removed]

Yahoo! Groups Links

5669. Re: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-09-11 22:55:47 UTC
From: Joshua Mesilane
Topic: 5640 Message: 5669

Hi Gerry,

For a vertical antenna like this, a remote tuner at the base is definitely a much better way to go. You could do away with the un-un as most remote tuners will handle fairly high impedances. Good to hear you got it working!

I actually use a similar transmission line trick with my balanced line fed doublet. As the antenna is non-resonant on any of the HAM bands I actually take advantage of the standing waves on the ladder line so that my tuner can tune the antenna on all bands. The advantage here of running a doublet and ladder line however, is that the losses are significantly less than that of coax as it's a balanced feed system.

Cheers,
Josh

VK3XJM
0416039082
josh@...
http://www.zindello.com.au/

On Wed, Sep 12, 2012 at 8:51 AM, VE6LB <ve6lb@...> wrote:

> **
>
>
> Josh,
>
> It was just what I had handy and it proved the solution. I don't really
> use
> the 43' with the UNUN on the low bands. My SteppIR is great on 40 & 80 and
> supper on the high bands. The 43' is better on 15, 17 and 20 and it works
> fine there without the extra coax. I do use the 43' on 160 where I switch
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> an old Butternut 160 base loading coil.
>
> More trying to prove that the 43' would work should we move and I can only
> put up one antenna. In that case, I'd get a new tuner and put it at the
> base. Based on 10/12 performance, I might play with a shorter version as
> well.
>
> 73, Gerry VE6LB
>
>
> -----Original Message-----

> From: Joshua Mesilane
> Sent: Tuesday, September 11, 2012 4:38 PM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: Re: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical
>
> 40'. Wow! That's heaps. On a non-resonant system I'd recommend reducing
> that length, as your losses will be pretty high. You probably only needed
> to add 1-2 feet of coax to solve the problem.
>
> ---
> VK3XJM
> 0416039082
> josh@zindello.com.au
> http://www.zindello.com.au/
>
> On Wed, Sep 12, 2012 at 8:27 AM, VE6LB-Gerry <ve6lb@...> wrote:
>
> > **
>
> >
> >
> >
> > I added 40' of RG8U. Only because I had a piece like that with connectors
> > on. I may play with other lengths some time.
> >
> > Gerry VE6LB
> >
> > From: Joe
> > Sent: Tuesday, September 11, 2012 4:12 PM
> >
> > To: LDG-auto-tuners@yahoogroups.com
> > Subject: Re: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical
> >
> > On 9/11/2012 10:08 AM, VE6LB-Gerry wrote:
> > > Thanks Joe. As you can see from my later post, adding some coax fixed
> > the problem. Simple!
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> > > 73, Gerry VE6LB
> >
> > I'm curious, how much coax and what kind did you use? Joe
> >
> > [Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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[Non-text portions of this message have been removed]

5670. Re: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-09-11 23:04:50 UTC
From: Joe
Topic: 5640 Message: 5670

On 9/11/2012 6:38 PM, Joshua Mesilane wrote:
> 40'. Wow! That's heaps. On a non-resonant system I'd recommend reducing
> that length, as your losses will be pretty high. You probably only needed
> to add 1-2 feet of coax to solve the problem.
>
I don't think 1-2 feet would do it at 3.5MHz. 40 feet of RG8, assuming
it has a velocity factor of 66%, would be equal to about 60 electrical
feet. That would be almost a quarter wave at 3.5MHz.

Joe

5671. Re: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-09-11 23:14:31 UTC
From: VE6LB-Gerry
Topic: 5640 Message: 5671

I've been using one of those in Dubai for the last few years called a G5RV. Can't believe how well it work even considering the A6 call. Even worked back here on 40 with 100 watts.

Thanks for the advise. I sure learned a lot more about 43' verticals.

Gerry VE6LB

From: "Joshua Mesilane" <josh@...>
Sent: Tuesday, September 11, 2012 4:55 PM
To: <LDG-auto-tuners@yahoogroups.com>
Subject: Re: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical

> Hi Gerry,
>
> For a vertical antenna like this, a remote tuner at the base is definitely
> a much better way to go. You could do away with the un-un as most remote
> tuners will handle fairly high impedances. Good to hear you got it
> working!
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> I actually use a similar transmission line trick with my balanced line fed
> doublet. As the antenna is non-resonant on any of the HAM bands I actually
> take advantage of the standing waves on the ladder line so that my tuner
> can tune the antenna on all bands. The advantage here of running a doublet
> and ladder line however, is that the losses are significantly less than
> that of coax as it's a balanced feed system.
>
> Cheers,
> Josh
>
> ---
> VK3XJM
> 0416039082
> josh@...
> http://www.zindello.com.au/
>
>
>
> On Wed, Sep 12, 2012 at 8:51 AM, VE6LB <ve6lb@...> wrote:
>
>> **
>>
>>
>> Josh,
>>

>> It was just what I had handy and it proved the solution. I don't really
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>> the 43' with the UNUN on the low bands. My SteppIR is great on 40 & 80
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>> supper on the high bands. The 43' is better on 15, 17 and 20 and it works
>> fine there without the extra coax. I do use the 43' on 160 where I switch
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>> an old Butternut 160 base loading coil.
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>> More trying to prove that the 43' would work should we move and I can
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>> put up one antenna. In that case, I'd get a new tuner and put it at the
>> base. Based on 10/12 performance, I might play with a shorter version as
>> well.
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>> 73, Gerry VE6LB
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>>
>> -----Original Message-----
>> From: Joshua Mesilane
>> Sent: Tuesday, September 11, 2012 4:38 PM
>> To: LDG-auto-tuners@yahoogroups.com
>> Subject: Re: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical
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>> 40'. Wow! That's heaps. On a non-resonant system I'd recommend reducing
>> that length, as your losses will be pretty high. You probably only needed
>> to add 1-2 feet of coax to solve the problem.
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>> ---
>> VK3XJM
>> 0416039082
>> josh@...
>> http://www.zindello.com.au/
>>
>> On Wed, Sep 12, 2012 at 8:27 AM, VE6LB-Gerry <ve6lb@...> wrote:
>>
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>> >
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>> > I added 40' of RG8U. Only because I had a piece like that with
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>> > Gerry VE6LB
>> >
>> > From: Joe
>> > Sent: Tuesday, September 11, 2012 4:12 PM
>> >

>> > To: LDG-auto-tuners@yahoogroups.com
>> > Subject: Re: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical
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>> > On 9/11/2012 10:08 AM, VE6LB-Gerry wrote:
>> > > Thanks Joe. As you can see from my later post, adding some coax fixed
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>> > >
>> > > 73, Gerry VE6LB
>> >
>> > I'm curious, how much coax and what kind did you use? Joe
>> >
>> > [Non-text portions of this message have been removed]
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>> [Non-text portions of this message have been removed]
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>> Yahoo! Groups Links
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> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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5672. Re: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-09-11 23:14:33 UTC
From: Leonard K. Pennock
Topic: 5640 Message: 5672

40ft of Belden 9913 (RG8) would provide .4 DB loss at 3.5Mhz. That is probably the reason it work. You just needed that little extra return loss to fool the tuner into thinking it was within range.

On 09/11/2012 03:27 PM, VE6LB-Gerry wrote:
>
> I added 40' of RG8U. Only because I had a piece like that with connectors on. I may play with other lengths some time.
>
> Gerry VE6LB
>
>
> From: Joe
> Sent: Tuesday, September 11, 2012 4:12 PM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: Re: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical
>
>
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>> 73, Gerry VE6LB
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> I'm curious, how much coax and what kind did you use? Joe
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>
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>
> [Non-text portions of this message have been removed]
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> ------------------------------------
>
> Yahoo! Groups Links
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>

--
Leonard K. Pennock
AD7AS

Those who walk bravely through life, unafraid of loss or failure,
find that they very rarely lose or fail.

5673. Re: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-09-11 23:15:57 UTC
From: Joshua Mesilane
Topic: 5640 Message: 5673

Hi Joe,

The thing here is though, we don't *need* to shift by a full 90 degrees. In order to move off the extremely low/high impedance effect that the standing waves on the coax at the frequency in question are causing, we only need to move by a few degrees, hence, a few feet should do the trick.

When feeding a non-resonant vertical with coax, it's very similar to choosing "random wire" lengths. You don't want certain multiples of a wavelength +- 5%, or the transformation effect from the standing waves on the transmission line will cause exactly this effect. To get away from that effect you only need to alter the line length by a very small amount.

Cheers,
Josh

VK3XJM
0416039082
josh@...
http://www.zindello.com.au/

On Wed, Sep 12, 2012 at 9:04 AM, Joe <k1ike_mail@...> wrote:

> **
>
>
> On 9/11/2012 6:38 PM, Joshua Mesilane wrote:
> > 40'. Wow! That's heaps. On a non-resonant system I'd recommend reducing
> > that length, as your losses will be pretty high. You probably only needed
> > to add 1-2 feet of coax to solve the problem.
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> I don't think 1-2 feet would do it at 3.5MHz. 40 feet of RG8, assuming
> it has a velocity factor of 66%, would be equal to about 60 electrical
> feet. That would be almost a quarter wave at 3.5MHz.
>
> Joe
>
>
>

[Non-text portions of this message have been removed]

5674. Re: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-09-11 23:17:34 UTC
From: Joshua Mesilane
Topic: 5640 Message: 5674

Hi Leonard,

This is true, IF the antenna is resonant and there are no standing waves on the coax. When non-resonant, the losses are much, much higher.

Cheers,
Josh

VK3XJM
0416039082
josh@...
http://www.zindello.com.au/

On Wed, Sep 12, 2012 at 9:14 AM, Leonard K. Pennock <leonardpennock@...>wrote:

> **
>
>
> 40ft of Belden 9913 (RG8) would provide .4 DB loss at 3.5Mhz. That is
> probably the reason it work. You just needed that little extra return
> loss to fool the tuner into thinking it was within range.
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> On 09/11/2012 03:27 PM, VE6LB-Gerry wrote:
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> > I added 40' of RG8U. Only because I had a piece like that with
> connectors on. I may play with other lengths some time.
> >
> > Gerry VE6LB
> >
> >
> > From: Joe
> > Sent: Tuesday, September 11, 2012 4:12 PM
> > To: LDG-auto-tuners@yahoogroups.com
> > Subject: Re: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical
> >
> >
> >
> > On 9/11/2012 10:08 AM, VE6LB-Gerry wrote:
> >> Thanks Joe. As you can see from my later post, adding some coax fixed
> the problem. Simple!
> >>
> >> 73, Gerry VE6LB
> >

> > I'm curious, how much coax and what kind did you use? Joe
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
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> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
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> >
>
> --
> Leonard K. Pennock
> AD7AS
>
> Those who walk bravely through life, unafraid of loss or failure,
> find that they very rarely lose or fail.
>
>
>

[Non-text portions of this message have been removed]

5675. Re: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-09-11 23:38:57 UTC
From: Leonard K. Pennock
Topic: 5640 Message: 5675

Actually know. That number was looking at coax and SWR loss.

http://www.saarsham.net/coax.html

On 09/11/2012 04:17 PM, Joshua Mesilane wrote:
> Hi Leonard,
>
> This is true, IF the antenna is resonant and there are no standing waves on
> the coax. When non-resonant, the losses are much, much higher.
>
> Cheers,
> Josh
>
> ---
> VK3XJM
> 0416039082
> josh@...
> http://www.zindello.com.au/
>
>
>
> On Wed, Sep 12, 2012 at 9:14 AM, Leonard K. Pennock
> <leonardpennock@...>wrote:
>
>> **
>>
>>
>> 40ft of Belden 9913 (RG8) would provide .4 DB loss at 3.5Mhz. That is
>> probably the reason it work. You just needed that little extra return
>> loss to fool the tuner into thinking it was within range.
>>
>>
>> On 09/11/2012 03:27 PM, VE6LB-Gerry wrote:
>>>
>>> I added 40' of RG8U. Only because I had a piece like that with
>> connectors on. I may play with other lengths some time.
>>>
>>> Gerry VE6LB
>>>
>>>
>>> From: Joe
>>> Sent: Tuesday, September 11, 2012 4:12 PM
>>> To: LDG-auto-tuners@yahoogroups.com
>>> Subject: Re: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical
>>>

>>>
>>>
>>> On 9/11/2012 10:08 AM, VE6LB-Gerry wrote:
>>>> Thanks Joe. As you can see from my later post, adding some coax fixed
>> the problem. Simple!
>>>>
>>>> 73, Gerry VE6LB
>>>
>>> I'm curious, how much coax and what kind did you use? Joe
>>>
>>>
>>>
>>>
>>> [Non-text portions of this message have been removed]
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>>> ------------------------------------
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>>> Yahoo! Groups Links
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>>
>> --
>> Leonard K. Pennock
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> [Non-text portions of this message have been removed]
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> ------------------------------------
>
> Yahoo! Groups Links
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>

--
Leonard K. Pennock
AD7AS

Those who walk bravely through life, unafraid of loss or failure,
find that they very rarely lose or fail.

5676. Re: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-09-11 23:40:05 UTC
From: Joshua Mesilane
Topic: 5640 Message: 5676

What load SWR did you have entered?

I'm pretty sure a 43 foot vertical on 3.5Mhz is going to have a fairly high SWR

VK3XJM
0416039082
josh@zindello.com.au
http://www.zindello.com.au/

On Wed, Sep 12, 2012 at 9:38 AM, Leonard K. Pennock
<leonardpennock@...>wrote:

> **
>
>
> Actually know. That number was looking at coax and SWR loss.
>
> http://www.saarsham.net/coax.html
>
>
> On 09/11/2012 04:17 PM, Joshua Mesilane wrote:
> > Hi Leonard,
> >
> > This is true, IF the antenna is resonant and there are no standing waves
> on
> > the coax. When non-resonant, the losses are much, much higher.
> >
> > Cheers,
> > Josh
> >
> > ---
> > VK3XJM
> > 0416039082
> > josh@...
> > http://www.zindello.com.au/
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> >
> >
> > On Wed, Sep 12, 2012 at 9:14 AM, Leonard K. Pennock
> > <leonardpennock@...>wrote:
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> >> **
>
> >>

> >>
> >> 40ft of Belden 9913 (RG8) would provide .4 DB loss at 3.5Mhz. That is
> >> probably the reason it work. You just needed that little extra return
> >> loss to fool the tuner into thinking it was within range.
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> >>
> >> On 09/11/2012 03:27 PM, VE6LB-Gerry wrote:
> >>>
> >>> I added 40' of RG8U. Only because I had a piece like that with
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> >>> Gerry VE6LB
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> >>>
> >>> From: Joe
> >>> Sent: Tuesday, September 11, 2012 4:12 PM
> >>> To: LDG-auto-tuners@yahoogroups.com
> >>> Subject: Re: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical
> >>>
> >>>
> >>>
> >>> On 9/11/2012 10:08 AM, VE6LB-Gerry wrote:
> >>>> Thanks Joe. As you can see from my later post, adding some coax fixed
> >> the problem. Simple!
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> >>>> 73, Gerry VE6LB
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> >>> I'm curious, how much coax and what kind did you use? Joe
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> >>> [Non-text portions of this message have been removed]
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> >>> ------------------------------------
> >>>
> >>> Yahoo! Groups Links
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> >>
> >> --
> >> Leonard K. Pennock
> >> AD7AS
> >>
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> >>
> >>
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> > [Non-text portions of this message have been removed]
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>
>
>

[Non-text portions of this message have been removed]

5677. Re: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-09-11 23:43:05 UTC
From: Leonard K. Pennock
Topic: 5640 Message: 5677

9.5:1 SWR

On 09/11/2012 04:40 PM, Joshua Mesilane wrote:
> What load SWR did you have entered?
>
> I'm pretty sure a 43 foot vertical on 3.5Mhz is going to have a fairly high
> SWR
>
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>>
>> On 09/11/2012 04:17 PM, Joshua Mesilane wrote:
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>>> This is true, IF the antenna is resonant and there are no standing waves
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>>> the coax. When non-resonant, the losses are much, much higher.
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>>> On Wed, Sep 12, 2012 at 9:14 AM, Leonard K. Pennock
>>> <leonardpennock@...>wrote:
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>>
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>>>> 40ft of Belden 9913 (RG8) would provide .4 DB loss at 3.5Mhz. That is
>>>> probably the reason it work. You just needed that little extra return
>>>> loss to fool the tuner into thinking it was within range.
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>>>> On 09/11/2012 03:27 PM, VE6LB-Gerry wrote:
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>>>>> I added 40' of RG8U. Only because I had a piece like that with
>>>> connectors on. I may play with other lengths some time.
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>>>>> From: Joe
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>>>>> To: LDG-auto-tuners@yahoogroups.com
>>>>> Subject: Re: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical
>>>>>
>>>>>
>>>>>
>>>>> On 9/11/2012 10:08 AM, VE6LB-Gerry wrote:
>>>>>> Thanks Joe. As you can see from my later post, adding some coax fixed
>>>> the problem. Simple!
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>>>>>> 73, Gerry VE6LB
>>>>>
>>>>> I'm curious, how much coax and what kind did you use? Joe
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>>>>>
>>>>>
>>>>>
>>>>> [Non-text portions of this message have been removed]
>>>>>
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>>>>>
>>>>> ------------------------------------
>>>>>
>>>>> Yahoo! Groups Links
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>>>>
>>>> --

>>>> Leonard K. Pennock
>>>> AD7AS
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>>> [Non-text portions of this message have been removed]
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>>> ------------------------------------
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>>> Yahoo! Groups Links
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> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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Leonard K. Pennock
AD7AS

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find that they very rarely lose or fail.

5678. Re: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-09-11 23:46:51 UTC
From: Joshua Mesilane
Topic: 5640 Message: 5678

I stand corrected, at that particular SWR the loss value is correct.

You would need to punch in the antenna in to a simulator to figure out the actual SWR on the line however, and re-run the numbers.

The point still stands however, that as the SWR goes up and the tuner "matches" the antenna at the end of a coax feed line, the losses do go up, and it's not uncommon for the SWR at the feedpoint of a non resonant antenna to exceed 10:1

VK3XJM
0416039082
josh@...
http://www.zindello.com.au/

On Wed, Sep 12, 2012 at 9:43 AM, Leonard K. Pennock
<leonardpennock@...>wrote:

> **
>
>
> 9.5:1 SWR
>
>
> On 09/11/2012 04:40 PM, Joshua Mesilane wrote:
> > What load SWR did you have entered?
> >
> > I'm pretty sure a 43 foot vertical on 3.5Mhz is going to have a fairly
> high
> > SWR
> >
> > ---
> > VK3XJM
> > 0416039082
> > josh@...
> > http://www.zindello.com.au/
> >
> >
> >
> > On Wed, Sep 12, 2012 at 9:38 AM, Leonard K. Pennock
> > <leonardpennock@...>wrote:
> >
> >> **
>
> >>

> >>
> >> Actually know. That number was looking at coax and SWR loss.
> >>
> >> http://www.saarsham.net/coax.html
> >>
> >>
> >> On 09/11/2012 04:17 PM, Joshua Mesilane wrote:
> >>> Hi Leonard,
> >>>
> >>> This is true, IF the antenna is resonant and there are no standing
> waves
> >> on
> >>> the coax. When non-resonant, the losses are much, much higher.
> >>>
> >>> Cheers,
> >>> Josh
> >>>
> >>> ---
> >>> VK3XJM
> >>> 0416039082
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> >>> http://www.zindello.com.au/
> >>>
> >>>
> >>>
> >>> On Wed, Sep 12, 2012 at 9:14 AM, Leonard K. Pennock
> >>> <leonardpennock@...>wrote:
> >>>
> >>>> **
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> >>>>
> >>>>
> >>>> 40ft of Belden 9913 (RG8) would provide .4 DB loss at 3.5Mhz. That is
> >>>> probably the reason it work. You just needed that little extra return
> >>>> loss to fool the tuner into thinking it was within range.
> >>>>
> >>>>
> >>>> On 09/11/2012 03:27 PM, VE6LB-Gerry wrote:
> >>>>>
> >>>>> I added 40' of RG8U. Only because I had a piece like that with
> >>>> connectors on. I may play with other lengths some time.
> >>>>>
> >>>>> Gerry VE6LB
> >>>>>
> >>>>>
> >>>>> From: Joe
> >>>>> Sent: Tuesday, September 11, 2012 4:12 PM
> >>>>> To: LDG-auto-tuners@yahoogroups.com
> >>>>> Subject: Re: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical
> >>>>>

> >>>>>
> >>>>>
> >>>>> On 9/11/2012 10:08 AM, VE6LB-Gerry wrote:
> >>>>>> Thanks Joe. As you can see from my later post, adding some coax
> fixed
> >>>> the problem. Simple!
> >>>>>>
> >>>>>> 73, Gerry VE6LB
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> >>>>> I'm curious, how much coax and what kind did you use? Joe
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> >>>>> [Non-text portions of this message have been removed]
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> >>>>> ------------------------------------
> >>>>>
> >>>>> Yahoo! Groups Links
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> >>>>
> >>>> --
> >>>> Leonard K. Pennock
> >>>> AD7AS
> >>>>
> >>>> Those who walk bravely through life, unafraid of loss or failure,
> >>>> find that they very rarely lose or fail.
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> >>> [Non-text portions of this message have been removed]
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>
>
>

[Non-text portions of this message have been removed]

5679. Re: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-09-12 00:08:16 UTC
From: Leonard K. Pennock
Topic: 5640 Message: 5679

I agree with you. In fact I should probably have used around 11-12:1.
Reason is that he is able to match most of the 80m band with the tuner.
The tuner is rated at 10:1 so he was just outside the range of the
tuner. Plugging in 11:1 on the coax calculator yields 0.4798DB total
cable loss. 11:1 SWR has a return loss of 1.584db on the VSWR
calculator. Changing that return loss to 2.063db gives an effective SWR
of 8.5:1 which is well within the tuners range.

http://www.saarsham.net/coax.html
http://www.giangrandi.ch/electronics/anttool/swr.html

On 09/11/2012 04:46 PM, Joshua Mesilane wrote:
> I stand corrected, at that particular SWR the loss value is correct.
>
> You would need to punch in the antenna in to a simulator to figure out the
> actual SWR on the line however, and re-run the numbers.
>
> The point still stands however, that as the SWR goes up and the tuner
> "matches" the antenna at the end of a coax feed line, the losses do go up,
> and it's not uncommon for the SWR at the feedpoint of a non resonant
> antenna to exceed 10:1
>
> ---
> VK3XJM
> 0416039082
> josh@...
> http://www.zindello.com.au/
>
>
>
> On Wed, Sep 12, 2012 at 9:43 AM, Leonard K. Pennock
> <leonardpennock@...>wrote:
>
>> **
>>
>>
>> 9.5:1 SWR
>>
>>
>> On 09/11/2012 04:40 PM, Joshua Mesilane wrote:
>>> What load SWR did you have entered?
>>>
>>> I'm pretty sure a 43 foot vertical on 3.5Mhz is going to have a fairly
>> high
>>> SWR

>>>
>>> ---
>>> VK3XJM
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>>> josh@...
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>>>
>>>
>>> On Wed, Sep 12, 2012 at 9:38 AM, Leonard K. Pennock
>>> <leonardpennock@...>wrote:
>>>
>>>> **
>>
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>>>> Actually know. That number was looking at coax and SWR loss.
>>>>
>>>> http://www.saarsham.net/coax.html
>>>>
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>>>> On 09/11/2012 04:17 PM, Joshua Mesilane wrote:
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>>>>> This is true, IF the antenna is resonant and there are no standing
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>>>>> Cheers,
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>>>>> On Wed, Sep 12, 2012 at 9:14 AM, Leonard K. Pennock
>>>>> <leonardpennock@...>wrote:
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>>>>>> 40ft of Belden 9913 (RG8) would provide .4 DB loss at 3.5Mhz. That is
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>>>>>> loss to fool the tuner into thinking it was within range.

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>>>>>>> I added 40' of RG8U. Only because I had a piece like that with
>>>>>> connectors on. I may play with other lengths some time.
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>>>>>>> Gerry VE6LB
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>>>>>>> From: Joe
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>>>>>>> To: LDG-auto-tuners@yahoogroups.com
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>>>>>>>
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>>>>>>> On 9/11/2012 10:08 AM, VE6LB-Gerry wrote:
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>>>>>>>> 73, Gerry VE6LB
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>>>>>>> I'm curious, how much coax and what kind did you use? Joe
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>>>>>>> [Non-text portions of this message have been removed]
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>>>>>>> ------------------------------------
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>>>>>>> Yahoo! Groups Links
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--
Leonard K. Pennock
AD7AS

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5680. Re: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-09-12 00:11:22 UTC
From: Joshua Mesilane
Topic: 5640 Message: 5680

Ah yes, but you're not taking into account the fact that depending on the transmission line length, and the interaction of the standing waves on the line that the "apparent" SWR will change depending on the transmission line length. The only way to accurately calculate the loss is to know what the impedance/SWR is *at the feed point*. Depending on the length of the coax line the "apparent" SWR will change, and infact this is exactly what adding the coax to the feedline has done - altered the interaction of the standing waves on the coax line, and brought the "apparent" SWR into range of the tuner.

VK3XJM
0416039082
josh@...
http://www.zindello.com.au/

On Wed, Sep 12, 2012 at 10:08 AM, Leonard K. Pennock <leonardpennock@cox.net
> wrote:

> **
>
>
> I agree with you. In fact I should probably have used around 11-12:1.
> Reason is that he is able to match most of the 80m band with the tuner.
> The tuner is rated at 10:1 so he was just outside the range of the
> tuner. Plugging in 11:1 on the coax calculator yields 0.4798DB total
> cable loss. 11:1 SWR has a return loss of 1.584db on the VSWR
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> http://www.saarsham.net/coax.html
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> On 09/11/2012 04:46 PM, Joshua Mesilane wrote:
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> >> On 09/11/2012 04:40 PM, Joshua Mesilane wrote:
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> >>> On Wed, Sep 12, 2012 at 9:38 AM, Leonard K. Pennock
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> >>>>>>>
> >>>>>>>
> >>>>>>> On 9/11/2012 10:08 AM, VE6LB-Gerry wrote:
> >>>>>>>> Thanks Joe. As you can see from my later post, adding some coax
> >> fixed
> >>>>>> the problem. Simple!
> >>>>>>>>
> >>>>>>>> 73, Gerry VE6LB

> >>>>>>>
> >>>>>>> I'm curious, how much coax and what kind did you use? Joe
> >>>>>>>
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> >>>>>>> [Non-text portions of this message have been removed]
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> >>>>>>> Yahoo! Groups Links
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> >>>>>> --
> >>>>>> Leonard K. Pennock
> >>>>>> AD7AS
> >>>>>>
> >>>>>> Those who walk bravely through life, unafraid of loss or failure,
> >>>>>> find that they very rarely lose or fail.
> >>>>>>
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> >>>>> [Non-text portions of this message have been removed]
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> >>>> Leonard K. Pennock
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> >>> [Non-text portions of this message have been removed]
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> >> Leonard K. Pennock
> >> AD7AS
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> > Yahoo! Groups Links
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> --
> Leonard K. Pennock
> AD7AS
>
> Those who walk bravely through life, unafraid of loss or failure,
> find that they very rarely lose or fail.
>
>
>

[Non-text portions of this message have been removed]

5681. Re: [LDG-auto-tuners] AT 1000 Pro on 43' Vertical

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-09-12 00:29:52 UTC
From: Joe
Topic: 5640 Message: 5681

On 9/11/2012 7:15 PM, Joshua Mesilane wrote:
> Hi Joe,
>
> The thing here is though, we don't *need* to shift by a full 90 degrees.

True, but a 1-2 foot jumper would give you less than 1 degree shift.
Probably not enough. His 40 foot jumper is probably excessive, but it
works. I never argue with success.

73, Joe, K1ike

5682. RE: [LDG-auto-tuners] Ldg 600 pro autotuner issue

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-09-13 00:15:15 UTC
From: Dale Satterlee
Topic: 5659 Message: 5682

I have the exact same problem. I use the 600 pro and shut it off but the power supply stays pluged in. The next morning I turn the 600 pro on and it is dead. I unplug the power supply for a short time and plug it back in and the 600 pro turns on. I e-mailed LDG and they said they are working on this issue. Dale (N2AVO)
To: LDG-auto-tuners@yahoogroups.com
From: mcyman@yahoo.com
Date: Tue, 11 Sep 2012 12:59:26 +0000
Subject: [LDG-auto-tuners] Ldg 600 pro autotuner issue

Hello all, I am still having an issue with my LDG600Pro,

The problem manifests itself as follows.

My tuner is connected to a Astron 35 amp power supply.

When the Astron is first turned on the LDG immediately powers up, at this point I can turn the LDG on or off the power switch works as it should.

I than turn OFF the LDG, Bypass the tuner!

I occasionally use the tuner when I use my Kpa500 (Elecraft) 500 Watt amp.

This last week I made a few contacts without using the amp.

Here is what happens with everything still powered up and working!

When I pushed the LDG600 Power button, NOTHING happened! The 600 pro would not POWER up!

The only way I could get the 600 Pro to power up, and work as it should, I had to physically remove the DC Power cord on the back of the LDG tuner, and than reconnect the plug to the 600 pro.

Somehow the 600 pro LOCKS up. Just running 100 watts out of my Kenwood

TS590, when the 600 pro tuner is OFF.(By PAssed)

Wonder if any one else has had this issue, and if so , how did you correct the problem?

thanks Rob N8RT

[Non-text portions of this message have been removed]

5683. Re: [LDG-auto-tuners] Ldg 600 pro autotuner issue

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-09-13 05:25:12 UTC
From: KK2DOG in NY
Topic: 5659 Message: 5683

Perhaps you should press the TUNE button briefly to put the tuner into 'Bypass' mode first (little red led on) before you turn off the power. I'm kinda' thinking that it's still in the 'TUNE' mode when you shut it off and the latch relays are still locked on the previously tuned frequency. Mine is connected to an Icom IC-706MKIIG and powers up/down whenever I turn the radio on/off and I don't have the issue you speak of.

KK2DOG
Owner/Admin
www.hamwave.com

From: Dale Satterlee <dalesatterlee@...>
To: ldg-auto-tuners@yahoogroups.com
Sent: Wednesday, September 12, 2012 8:15 PM
Subject: RE: [LDG-auto-tuners] Ldg 600 pro autotuner issue

I have the exact same problem. I use the 600 pro and shut it off but the power supply stays pluged in. The next morning I turn the 600 pro on and it is dead. I unplug the power supply for a short time and plug it back in and the 600 pro turns on. I e-mailed LDG and they said they are working on this issue. Dale (N2AVO)
To: LDG-auto-tuners@yahoogroups.com
From: mcyman@...
Date: Tue, 11 Sep 2012 12:59:26 +0000
Subject: [LDG-auto-tuners] Ldg 600 pro autotuner issue

Hello all, I am still having an issue with my LDG600Pro,

The problem manifests itself as follows.

My tuner is connected to a Astron 35 amp power supply.

When the Astron is first turned on the LDG immediately powers up, at this point I can turn the LDG on or off the power switch works as it should.

I than turn OFF the LDG, Bypass the tuner!

I occasionally use the tuner when I use my Kpa500 (Elecraft) 500 Watt amp.

This last week I made a few contacts without using the amp.

Here is what happens with everything still powered up and working!

When I pushed the LDG600 Power button, NOTHING happened! The 600 pro would not POWER up!

The only way I could get the 600 Pro to power up, and work as it should, I had to physically remove the DC Power cord on the back of the LDG tuner, and than reconnect the plug to the 600 pro.

Somehow the 600 pro LOCKS up. Just running 100 watts out of my Kenwood

TS590, when the 600 pro tuner is OFF.(By PAssed)

Wonder if any one else has had this issue, and if so , how did you correct the problem?

thanks Rob N8RT

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

5684. Re: Ldg 600 pro autotuner issue

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-09-13 14:47:49 UTC
From: Vince
Topic: 5659 Message: 5684

As I indicated in my post a few weeks ago, I am experiencing exactly the same issue with my AT-1000ProII auto tuner. My current work around is that I have the tuner connected to a small 13.8 VDC power supply dedicated only for use with the tuner. When the tuner power button fails to operate, I reach over and flip the power supply off and back on, saving me having to physically remove the DC power cable from the back of the tuner.
This issue appears to be systemic and appears to affect the 600Pro and the 1000ProII. I hope LDG will get to the bottom of it quickly and let us all know what is happening and how to resolve it.

Vince

5685. Re: Ldg 600 pro autotuner issue

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-09-13 19:27:26 UTC
From: Dwayne
Topic: 5659 Message: 5685

Vince or anyone else having this issue with an AT-600Pro or AT-1000ProII, please contact us directly with your mailing address. It seems that we may have had a batch of processors that does not like to be turned on and off a lot.

We'll be happy to send you a new processor.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, Vince <k7na6@...> wrote:
>
> As I indicated in my post a few weeks ago, I am experiencing exactly the same issue with my AT-1000ProII auto tuner. My current work around is that I have the tuner connected to a small 13.8 VDC power supply dedicated only for use with the tuner. When the tuner power button fails to operate, I reach over and flip the power supply off and back on, saving me having to physically remove the DC power cable from the back of the tuner.
> This issue appears to be systemic and appears to affect the 600Pro and the 1000ProII. I hope LDG will get to the bottom of it quickly and let us all know what is happening and how to resolve it.
>
> Vince
>

5686. Re: Ldg 600 pro autotuner issue

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-09-13 21:25:29 UTC
From: vince_k7na
Topic: 5659 Message: 5686

Dwayne:
Thank you for your quick reply. I have emailed you separately with my mailing address. I am wondering just what is involved in replacing the processor. I presume full instructions will come in the mailing. Thanks again, I am sure numerous owners will be in touch with you.

Vince K7NA

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
> Vince or anyone else having this issue with an AT-600Pro or AT-1000ProII, please contact us directly with your mailing address. It seems that we may have had a batch of processors that does not like to be turned on and off a lot.
>
> We'll be happy to send you a new processor.
>
> Dwayne Kincaid
> LDG
>
> --- In LDG-auto-tuners@yahoogroups.com, Vince <k7na6@> wrote:
> >
> > As I indicated in my post a few weeks ago, I am experiencing exactly the same issue with my AT-1000ProII auto tuner. My current work around is that I have the tuner connected to a small 13.8 VDC power supply dedicated only for use with the tuner. When the tuner power button fails to operate, I reach over and flip the power supply off and back on, saving me having to physically remove the DC power cable from the back of the tuner.
> > This issue appears to be systemic and appears to affect the 600Pro and the 1000ProII. I hope LDG will get to the bottom of it quickly and let us all know what is happening and how to resolve it.
> >
> > Vince
> >
>

5687. I'm using a LDG tuner with this QRP antenna and it's working very well!

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-09-14 04:25:18 UTC
From: grosseindienne
Topic: 5687 Message: 5687

I'm using the following QRP antenna with a LDG tuner and it's VERY easy
to deploy and use.

http://www.youtube.com/watch?v=k4jO1CEd38A&feature=youtu.be
<http://www.youtube.com/watch?v=k4jO1CEd38A&feature=youtu.be>

Thanks

[Non-text portions of this message have been removed]

5688. Re: [LDG-auto-tuners] I'm using a LDG tuner with this QRP antenna and it's working very well!

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-09-14 13:47:51 UTC
From: Bill Aycock
Topic: 5687 Message: 5688

I know the LDG is fine, but this video shows nothing. The LDG will tune a lot of poor antennas, and this may be just a good example. Do you have something that shows something about the antenna?
Bill--W4BSG

-----Original Message-----
From: grosseindienne
Sent: Thursday, September 13, 2012 11:25 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] I'm using a LDG tuner with this QRP antenna and it's working very well!

I'm using the following QRP antenna with a LDG tuner and it's VERY easy to deploy and use.

http://www.youtube.com/watch?v=k4jO1CEd38A&feature=youtu.be
<http://www.youtube.com/watch?v=k4jO1CEd38A&feature=youtu.be>

Thanks

[Non-text portions of this message have been removed]

Yahoo! Groups Links

5689. ft-857d at200proII

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-09-14 12:34:49 UTC
From: kristof
Topic: 5689 Message: 5689

Hello,
I am new to this group but i have a question,
I boughtan At200proII with the y-cable to complete my ft-857D. In the manual is stated that with the y-cable the radio will power down and switches to cw mode. This doesn't happen an yes the cable is in the right way binstalled. The tuner tunes and the radio switches to tx but doesn't switch to cw or power down. Any Ideas?

5690. Re: [LDG-auto-tuners] ft-857d at200proII

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-09-14 15:38:35 UTC
From: Leonard K. Pennock
Topic: 5689 Message: 5690

When you push the tune button on the tuner the radio should send a
carrier; however, it will be at the current power setting of the radio.
It doesn't reduce power other the fold back circuit when the SWR is high.

On 09/14/2012 05:34 AM, kristof wrote:
> Hello,
> I am new to this group but i have a question,
> I boughtan At200proII with the y-cable to complete my ft-857D. In the manual is stated that with the y-cable the radio will power down and switches to cw mode. This doesn't happen an yes the cable is in the right way binstalled. The tuner tunes and the radio switches to tx but doesn't switch to cw or power down. Any Ideas?
>
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> ------------------------------------
>
> Yahoo! Groups Links
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>
>

--
Leonard K. Pennock
AD7AS

Those who walk bravely through life, unafraid of loss or failure,
find that they very rarely lose or fail.

5691. Re: [LDG-auto-tuners] ft-857d at200proII

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-09-14 19:58:14 UTC
From: Jimmy (WB8NBI)
Topic: 5689 Message: 5691

that’s the way it works.

DE Jimmy (WB8NBI)

From: kristof
Sent: Friday, September 14, 2012 8:34 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] ft-857d at200proII

Hello,
I am new to this group but i have a question,
I boughtan At200proII with the y-cable to complete my ft-857D. In the manual is stated that with the y-cable the radio will power down and switches to cw mode. This doesn't happen an yes the cable is in the right way binstalled. The tuner tunes and the radio switches to tx but doesn't switch to cw or power down. Any Ideas?

[Non-text portions of this message have been removed]

5692. Re: I'm using a LDG tuner with this QRP antenna and it's working very well!

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-09-16 02:48:22 UTC
From: traburgess1945
Topic: 5687 Message: 5692

I also, have the Chameleon Zepp, the older one. It will handle , I believe, 500 watts, and tune 80m to 6m. I have used it indoors with some success. The matching section is 25 feet and the resonator section is 50 feet.
Here are some reviews: http://www.eham.net/reviews/detail/9856

Travis
K5HTB

--- In LDG-auto-tuners@yahoogroups.com, "Bill Aycock" <billaycock@...> wrote:
>
> I know the LDG is fine, but this video shows nothing. The LDG will tune a
> lot of poor antennas, and this may be just a good example. Do you have
> something that shows something about the antenna?
> Bill--W4BSG
>
> -----Original Message-----
> From: grosseindienne
> Sent: Thursday, September 13, 2012 11:25 PM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: [LDG-auto-tuners] I'm using a LDG tuner with this QRP antenna and
> it's working very well!
>
> I'm using the following QRP antenna with a LDG tuner and it's VERY easy
> to deploy and use.
>
> http://www.youtube.com/watch?v=k4jO1CEd38A&feature=youtu.be
> <http://www.youtube.com/watch?v=k4jO1CEd38A&feature=youtu.be>
>
> Thanks
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>
> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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5693. Re: I'm using a LDG tuner with this QRP antenna and it's working very well!

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-09-16 13:14:43 UTC
From: traburgess1945
Topic: 5687 Message: 5693

This is not the Zepp but it shows Chameleon products with the Z-11ProII.

Travis
K5HTB

--- In LDG-auto-tuners@yahoogroups.com, "traburgess1945" <travburg1@...> wrote:
>
>
> I also, have the Chameleon Zepp, the older one. It will handle , I believe, 500 watts, and tune 80m to 6m. I have used it indoors with some success. The matching section is 25 feet and the resonator section is 50 feet.
> Here are some reviews: http://www.eham.net/reviews/detail/9856
>
> Travis
> K5HTB
>
>
>
> --- In LDG-auto-tuners@yahoogroups.com, "Bill Aycock" <billaycock@> wrote:
> >
> > I know the LDG is fine, but this video shows nothing. The LDG will tune a
> > lot of poor antennas, and this may be just a good example. Do you have
> > something that shows something about the antenna?
> > Bill--W4BSG
> >
> > -----Original Message-----
> > From: grosseindienne
> > Sent: Thursday, September 13, 2012 11:25 PM
> > To: LDG-auto-tuners@yahoogroups.com
> > Subject: [LDG-auto-tuners] I'm using a LDG tuner with this QRP antenna and
> > it's working very well!
> >
> > I'm using the following QRP antenna with a LDG tuner and it's VERY easy
> > to deploy and use.
> >
> > http://www.youtube.com/watch?v=k4jO1CEd38A&feature=youtu.be
> > <http://www.youtube.com/watch?v=k4jO1CEd38A&feature=youtu.be>
> >
> > Thanks
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> > [Non-text portions of this message have been removed]

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> > Yahoo! Groups Links
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5694. Re: [LDG-auto-tuners] Re: I'm using a LDG tuner with this QRP antenna and it's working very well!

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-09-16 13:42:04 UTC
From: Bill Aycock
Topic: 5687 Message: 5694

This EHAM review is typical, and describes nothing. The first part is an ad
and has things like "Polarization: Linear" and the claim that it can be
mounted anywhere, anyway. (But, it says: the SWR depends on how it's
mounted, even though it claims to have a 50 Ohm impedance)
Does anyone have a description of the Chameleon?
Bill--W4BSG

-----Original Message-----
From: traburgess1945
Sent: Saturday, September 15, 2012 9:48 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: I'm using a LDG tuner with this QRP antenna
and it's working very well!

I also, have the Chameleon Zepp, the older one. It will handle , I believe,
500 watts, and tune 80m to 6m. I have used it indoors with some success.
The matching section is 25 feet and the resonator section is 50 feet.
Here are some reviews: http://www.eham.net/reviews/detail/9856

Travis
K5HTB

--- In LDG-auto-tuners@yahoogroups.com, "Bill Aycock" <billaycock@...>
wrote:
>
> I know the LDG is fine, but this video shows nothing. The LDG will tune a
> lot of poor antennas, and this may be just a good example. Do you have
> something that shows something about the antenna?
> Bill--W4BSG
>
> -----Original Message-----
> From: grosseindienne
> Sent: Thursday, September 13, 2012 11:25 PM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: [LDG-auto-tuners] I'm using a LDG tuner with this QRP antenna and
> it's working very well!
>
> I'm using the following QRP antenna with a LDG tuner and it's VERY easy
> to deploy and use.
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> http://www.youtube.com/watch?v=k4jO1CEd38A&feature=youtu.be
> <http://www.youtube.com/watch?v=k4jO1CEd38A&feature=youtu.be>
>
> Thanks
>

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> [Non-text portions of this message have been removed]
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> ------------------------------------
>
> Yahoo! Groups Links
>

Yahoo! Groups Links

5695. Re: [LDG-auto-tuners] Re: I'm using a LDG tuner with this QRP antenna and it's working very well!

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-09-16 15:08:25 UTC
From: Bill Aycock
Topic: 5687 Message: 5695

Travis--
Thanks, but nothing came through.
Bill--W4BSG

-----Original Message-----
From: traburgess1945
Sent: Sunday, September 16, 2012 8:14 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: I'm using a LDG tuner with this QRP antenna and it's working very well!

This is not the Zepp but it shows Chameleon products with the Z-11ProII.

Travis
K5HTB

--- In LDG-auto-tuners@yahoogroups.com, "traburgess1945" <travburg1@...> wrote:
>
>
> I also, have the Chameleon Zepp, the older one. It will handle , I
> believe, 500 watts, and tune 80m to 6m. I have used it indoors with some
> success. The matching section is 25 feet and the resonator section is 50
> feet.
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>
> Travis
> K5HTB
>
>
>
> --- In LDG-auto-tuners@yahoogroups.com, "Bill Aycock" <billaycock@> wrote:
> >
> > I know the LDG is fine, but this video shows nothing. The LDG will tune
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> > lot of poor antennas, and this may be just a good example. Do you have
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> > -----Original Message-----
> > From: grosseindienne
> > Sent: Thursday, September 13, 2012 11:25 PM
> > To: LDG-auto-tuners@yahoogroups.com
> > Subject: [LDG-auto-tuners] I'm using a LDG tuner with this QRP antenna
> > and

> > it's working very well!
> >
> > I'm using the following QRP antenna with a LDG tuner and it's VERY easy
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> > http://www.youtube.com/watch?v=k4jO1CEd38A&feature=youtu.be
> > <http://www.youtube.com/watch?v=k4jO1CEd38A&feature=youtu.be>
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> > Thanks
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> > [Non-text portions of this message have been removed]
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> >
> > Yahoo! Groups Links
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Yahoo! Groups Links

5696. Re: [LDG-auto-tuners] Re: I'm using a LDG tuner with this QRP antenna and it's working very well!

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-09-16 15:24:45 UTC
From: Rudi
Topic: 5687 Message: 5696

Looks suspiciously like an OCDP rather than a true Zepp, end fed looooonnnnggg wire..

>_____
> From: Bill Aycock <billaycock@...>
>To: LDG-auto-tuners@yahoogroups.com
>Sent: Sunday, September 16, 2012 9:42 AM
>Subject: Re: [LDG-auto-tuners] Re: I'm using a LDG tuner with this QRP antenna and it's working very well!
>
>This EHAM review is typical, and describes nothing. The first part is an ad
>and has things like "Polarization: Linear" and the claim that it can be
>mounted anywhere, anyway. (But, it says: the SWR depends on how it's
>mounted, even though it claims to have a 50 Ohm impedance)
>Does anyone have a description of the Chameleon?
>Bill--W4BSG
>
>-----Original Message-----
>From: traburgess1945
>Sent: Saturday, September 15, 2012 9:48 PM
>To: LDG-auto-tuners@yahoogroups.com
>Subject: [LDG-auto-tuners] Re: I'm using a LDG tuner with this QRP antenna
>and it's working very well!
>
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>I also, have the Chameleon Zepp, the older one. It will handle , I believe,
>500 watts, and tune 80m to 6m. I have used it indoors with some success.
>The matching section is 25 feet and the resonator section is 50 feet.
>Here are some reviews: http://www.eham.net/reviews/detail/9856
>
>Travis
>K5HTB
>
>
>
>--- In LDG-auto-tuners@yahoogroups.com, "Bill Aycock" <billaycock@...>
>wrote:
>>
>> I know the LDG is fine, but this video shows nothing. The LDG will tune a
>> lot of poor antennas, and this may be just a good example. Do you have
>> something that shows something about the antenna?
>> Bill--W4BSG
>>
>> -----Original Message-----
>> From: grosseindienne

>> Sent: Thursday, September 13, 2012 11:25 PM
>> To: LDG-auto-tuners@yahoogroups.com
>> Subject: [LDG-auto-tuners] I'm using a LDG tuner with this QRP antenna and
>> it's working very well!
>>
>> I'm using the following QRP antenna with a LDG tuner and it's VERY easy
>> to deploy and use.
>>
>> http://www.youtube.com/watch?v=k4jO1CEd38A&feature=youtu.be
>> <http://www.youtube.com/watch?v=k4jO1CEd38A&feature=youtu.be>
>>
>> Thanks
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>>
>> [Non-text portions of this message have been removed]
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>> Yahoo! Groups Links
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5697. Z-11 Pro II Green light just flashes

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-09-17 06:59:42 UTC
From: Jeremiah Norrell
Topic: 5697 Message: 5697

I have been Using the Z-11 Pro for about a week now. Everything has been fine. I guess I should mention I have been using it with a Icom 706-mkII and a G5RV. I have used the tuner to tune 10-80 meters just fine. Tonight when I went to work some PSK I noticed the green 1.5 light just flashes continuously. I dont think it will tune on 80 anymore. Any ideas what that light means?

Jeremiah
K6JRN

5698. z-11 pro II for sale

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-09-21 01:39:35 UTC
From: nramos76
Topic: 5698 Message: 5698

Hi!
If anyone is interested, I have listed my nearly new leg z-11 pro II for sale on eBay. The item number is 140853950634.
Asking $140.

Works well...just realized I prefer a manual tuner.

73's
Noel, N1ZQO

5699. LDG AT-1000PRO won't power up

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-09-23 02:04:22 UTC
From: adamfarber12
Topic: 5699 Message: 5699

Hi all, I was hooking up a power supply to run my AT-1000PRO and MAY have done something wrong, it won't power up now. Can someone tell me if there is some sort of fuse hidden somewhere or perhaps what may have blown so I can fix it?

Thanks for any help.

Adam Farber W4AJF
Woodland Hills, CA

5700. Re: [LDG-auto-tuners] LDG AT-1000PRO won't power up

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-09-23 13:28:48 UTC
From: Adam Farber
Topic: 5699 Message: 5700

OK, I fixed it so no help needed. Adam Farber W4AJF
>
>
>Hi all, I was hooking up a power supply to run
>my AT-1000PRO and MAY have done something wrong,
>it won't power up now. Can someone tell me if
>there is some sort of fuse hidden somewhere or
>perhaps what may have blown so I can fix it?
>
>Thanks for any help.
>
>Adam Farber W4AJF
>Woodland Hills, CA
>
>

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5701. Re: [LDG-auto-tuners] LDG AT-1000PRO won't power up

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-09-23 14:00:57 UTC
From: VE6LB
Topic: 5699 Message: 5701

Please let us know your fix. I’ve had it happen once and removing power fixed it.

Gerry VE6LB

From: Adam Farber
Sent: Sunday, September 23, 2012 7:28 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] LDG AT-1000PRO won't power up

OK, I fixed it so no help needed. Adam Farber W4AJF
>
>
>Hi all, I was hooking up a power supply to run
>my AT-1000PRO and MAY have done something wrong,
>it won't power up now. Can someone tell me if
>there is some sort of fuse hidden somewhere or
>perhaps what may have blown so I can fix it?
>
>Thanks for any help.
>
>Adam Farber W4AJF
>Woodland Hills, CA
>
>

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[Non-text portions of this message have been removed]

5702. Re: [LDG-auto-tuners] LDG AT-1000PRO won't power up

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-09-23 15:02:34 UTC
From: Adam Farber
Topic: 5699 Message: 5702

It was the power plug, not any fuse...Adam
>
>
>
>Please let us know your fix. Iâ☐☐ve had it
>happen once and removing power fixed it.
>
>Gerry VE6LB
>
>From: Adam Farber
>Sent: Sunday, September 23, 2012 7:28 AM
>To: <mailto:LDG-auto-tuners%40yahoogroups.com>LDG-auto-tuners@yahoogroups.com
>Subject: Re: [LDG-auto-tuners] LDG AT-1000PRO won't power up
>
>OK, I fixed it so no help needed. Adam Farber W4AJF
> >
> >
> >Hi all, I was hooking up a power supply to run
> >my AT-1000PRO and MAY have done something wrong,
> >it won't power up now. Can someone tell me if
> >there is some sort of fuse hidden somewhere or
> >perhaps what may have blown so I can fix it?
> >
> >Thanks for any help.
> >
> >Adam Farber W4AJF
> >Woodland Hills, CA
> >
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5703. Re: [LDG-auto-tuners] LDG AT-1000PRO won't power up

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-09-25 11:56:46 UTC
From: Michael Walker
Topic: 5699 Message: 5703

I have 2 of these tuners and each are problematic.

Both hang requiring a full power off to recover. Since I use both of these on my remote base, I have to be able to trust their configuration. They are not a problem if they are sitting on a desk in front of you.

Other than that they work perfectly with my amplifiers (SGC500 and Acom A1000). The A1000 is connected to my Windom. Again, they work perfectly as a tuner.

Hence, I am selling them both $450 each plus some shipping costs. I can be reached offline please.

Mike va3mw

On Sun, Sep 23, 2012 at 11:02 AM, Adam Farber <adamf@...> wrote:

> **
>
>
> It was the power plug, not any fuse...Adam
> >
> >
> >
> >Please let us know your fix. I???ve had it
> >happen once and removing power fixed it.
> >
> >Gerry VE6LB
> >
> >From: Adam Farber
> >Sent: Sunday, September 23, 2012 7:28 AM
> >To: <mailto:LDG-auto-tuners%40yahoogroups.com>
> LDG-auto-tuners@yahoogroups.com
>
> >Subject: Re: [LDG-auto-tuners] LDG AT-1000PRO won't power up
> >
> >OK, I fixed it so no help needed. Adam Farber W4AJF
> > > >
> > > >
> > > >Hi all, I was hooking up a power supply to run
> > > >my AT-1000PRO and MAY have done something wrong,
> > > >it won't power up now. Can someone tell me if
> > > >there is some sort of fuse hidden somewhere or
> > > >perhaps what may have blown so I can fix it?
> > > >
> > >Thanks for any help.

> > >
> > >Adam Farber W4AJF
> > >Woodland Hills, CA
> > >
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> >[Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]
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5704. LDG auto tuners and cb radios

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-09-28 09:01:05 UTC
From: gealto2000
Topic: 5704 Message: 5704

Although not my primary use, I've been wondering if I could use my LDG AT-100 ProII with a CB radio (in full auto mode of course)? Will those frequencies outside the ham bands be accepted? I occasionally like to use those channels, and have a 31 foot tall vertical that I use for 40-6 meters.

Thanks,

Gene KC9WFW

5705. Re: [LDG-auto-tuners] LDG auto tuners and cb radios

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-09-28 12:35:49 UTC
From: Leonard K. Pennock
Topic: 5704 Message: 5705

AT100Pro and Z11Pro had no issues outside the ham bands so I doubt the
AT100ProII would.

On 09/28/2012 02:01 AM, gealto2000 wrote:
> Although not my primary use, I've been wondering if I could use my LDG AT-100 ProII with a CB radio (in full auto mode of course)? Will those frequencies outside the ham bands be accepted? I occasionally like to use those channels, and have a 31 foot tall vertical that I use for 40-6 meters.
>
> Thanks,
>
> Gene KC9WFW
>
>
>
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>
> Yahoo! Groups Links
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--
Leonard K. Pennock
AD7AS

Those who walk bravely through life, unafraid of loss or failure,
find that they very rarely lose or fail.

5706. Re: [LDG-auto-tuners] LDG auto tuners and cb radios

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-09-28 14:55:50 UTC
From: Dean L
Topic: 5704 Message: 5706

Why not give it a try on 'those' channels...?
On Sep 28, 2012 5:01 AM, "gealto2000" <gealto2000@...> wrote:

> **
>
>
> Although not my primary use, I've been wondering if I could use my LDG
> AT-100 ProII with a CB radio (in full auto mode of course)? Will those
> frequencies outside the ham bands be accepted? I occasionally like to use
> those channels, and have a 31 foot tall vertical that I use for 40-6 meters.
>
> Thanks,
>
> Gene KC9WFW
>
>
>

[Non-text portions of this message have been removed]

5707. Re: Z-11 Pro II Green light just flashes

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-09-28 17:23:20 UTC
From: kj6kqe
Topic: 5697 Message: 5707

I am having the same problem with my AT-897 Plus
There is only one light on this unit.

--- In LDG-auto-tuners@yahoogroups.com, "Jeremiah Norrell" <jernorrell@...> wrote:
>
> I have been Using the Z-11 Pro for about a week now. Everything has been fine. I guess I should mention I have been using it with a Icom 706-mkII and a G5RV. I have used the tuner to tune 10-80 meters just fine. Tonight when I went to work some PSK I noticed the green 1.5 light just flashes continuously. I dont think it will tune on 80 anymore. Any ideas what that light means?
>
> Jeremiah
> K6JRN
>

5708. Re: Z-11 Pro II Green light just flashes

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-09-29 12:57:14 UTC
From: Dwayne
Topic: 5697 Message: 5708

Sounds like you need to reset the processor in the radio.

Dwayne Kincaid
LDG

> I am having the same problem with my AT-897 Plus
> There is only one light on this unit.
>
>

5709. AT-600 Pro on 6 Meters

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-09-29 13:04:06 UTC
From: w3iaxftvfd
Topic: 5709 Message: 5709

I have a new AT-600 Pro we aare using with an Icom 756 Pro and Elecraft KPA500 amplifier. I am still learning the AT600, so far so good except it isn't happy on 6 meters and when discussing with a friend about his AT1000 on 6 meters, he is seeing same annomolies.

I am using a Cushcraft 5 element beam with a gamma match. This antenna really shouldn't even need a tuner on 6 meters, however when using the AT600 Pro it tunes, BUT when you transmit it reduces power from 100 watts to about 30 watts. Also with my 270 ft OCFD which tunes nicely, power in transmit is reduced.

For now when operating 6 meters, I disconnect power to the AT600 and use it as a "jumper". What am I missing or is this a defect or a design flaw ??

Thanks in advance,
Bob, W3IAX

5710. Re: [LDG-auto-tuners] AT-600 Pro on 6 Meters

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-09-29 15:03:54 UTC
From: Bill Aycock
Topic: 5709 Message: 5710

Bob--
It sounds to me like the match from the 756 to the Amp is off. The power reduction is within the 756, isn't it? How is the match from the 756 to the Amp done?
Bill--W4BSG

-----Original Message-----
From: w3iaxftvfd
Sent: Saturday, September 29, 2012 8:04 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] AT-600 Pro on 6 Meters

I have a new AT-600 Pro we aare using with an Icom 756 Pro and Elecraft KPA500 amplifier. I am still learning the AT600, so far so good except it isn't happy on 6 meters and when discussing with a friend about his AT1000 on 6 meters, he is seeing same annomolies.

I am using a Cushcraft 5 element beam with a gamma match. This antenna really shouldn't even need a tuner on 6 meters, however when using the AT600 Pro it tunes, BUT when you transmit it reduces power from 100 watts to about 30 watts. Also with my 270 ft OCFD which tunes nicely, power in transmit is reduced.

For now when operating 6 meters, I disconnect power to the AT600 and use it as a "jumper". What am I missing or is this a defect or a design flaw ??

Thanks in advance,
Bob, W3IAX

Yahoo! Groups Links

5711. Re: AT-600 Pro on 6 Meters I

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-09-30 11:48:36 UTC
From: w3iaxftvfd
Topic: 5709 Message: 5711

Bill, the Elecraft amp works fine and can be turned off. The problem is the AT-600Pro acts like it doesn't like 6 meters. Regardless whatever I do as long as power is applied to the AT600 on 6meters it reduces the 756 power output. The only way I can operate 6 meters is to physically pull the input power connector to the AT600 to force it to be a "jumper". Even with the AT600 in "Bypass" mode.

Also I learned that antenna 2 is the default and labelling in the Instruction Manual is in correct.

73's
Bob, W3IAX

--- In LDG-auto-tuners@yahoogroups.com, "Bill Aycock"
<billaycock@...> wrote:
>
> Bob--
> It sounds to me like the match from the 756 to the Amp is off. The power
> reduction is within the 756, isn't it? How is the match from the 756 to the
> Amp done?
> Bill--W4BSG
>
> -----Original Message-----
> From: w3iaxftvfd
> Sent: Saturday, September 29, 2012 8:04 AM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: [LDG-auto-tuners] AT-600 Pro on 6 Meters
>
> I have a new AT-600 Pro we aare using with an Icom 756 Pro and Elecraft
> KPA500 amplifier. I am still learning the AT600, so far so good except it
> isn't happy on 6 meters and when discussing with a friend about his AT1000
> on 6 meters, he is seeing same annomolies.
>
> I am using a Cushcraft 5 element beam with a gamma match. This antenna
> really shouldn't even need a tuner on 6 meters, however when using the AT600
> Pro it tunes, BUT when you transmit it reduces power from 100 watts to about
> 30 watts. Also with my 270 ft OCFD which tunes nicely, power in transmit is
> reduced.
>
> For now when operating 6 meters, I disconnect power to the AT600 and use it
> as a "jumper". What am I missing or is this a defect or a design flaw ??
>
> Thanks in advance,
> Bob, W3IAX
>
>
>

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> Yahoo! Groups Links
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5712. Re: [LDG-auto-tuners] Re: AT-600 Pro on 6 Meters I

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-09-30 14:02:49 UTC
From: Bill Aycock
Topic: 5709 Message: 5712

Bob--
Sorry-- ignorance on my part. I did not realize that the AT provided control feedback "around" the Amp, to the 756.
Good luck--Bill--W4BSG

-----Original Message-----
From: w3iaxftvfd
Sent: Sunday, September 30, 2012 6:48 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: AT-600 Pro on 6 Meters I

Bill, the Elecraft amp works fine and can be turned off. The problem is the AT-600Pro acts like it doesn't like 6 meters. Regardless whatever I do as long as power is applied to the AT600 on 6meters it reduces the 756 power output. The only way I can operate 6 meters is to physically pull the input power connector to the AT600 to force it to be a "jumper". Even with the AT600 in "Bypass" mode.

Also I learned that antenna 2 is the default and labelling in the Instruction Manual is in correct.

73's
Bob, W3IAX

--- In LDG-auto-tuners@yahoogroups.com, "Bill Aycock" <billaycock@...> wrote:
>
> Bob--
> It sounds to me like the match from the 756 to the Amp is off. The power
> reduction is within the 756, isn't it? How is the match from the 756 to
> the
> Amp done?
> Bill--W4BSG
>
> -----Original Message-----
> From: w3iaxftvfd
> Sent: Saturday, September 29, 2012 8:04 AM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: [LDG-auto-tuners] AT-600 Pro on 6 Meters
>
> I have a new AT-600 Pro we aare using with an Icom 756 Pro and Elecraft
> KPA500 amplifier. I am still learning the AT600, so far so good except it
> isn't happy on 6 meters and when discussing with a friend about his AT1000
> on 6 meters, he is seeing same annomolies.
>
> I am using a Cushcraft 5 element beam with a gamma match. This antenna

> really shouldn't even need a tuner on 6 meters, however when using the
> AT600
> Pro it tunes, BUT when you transmit it reduces power from 100 watts to
> about
> 30 watts. Also with my 270 ft OCFD which tunes nicely, power in transmit
> is
> reduced.
>
> For now when operating 6 meters, I disconnect power to the AT600 and use
> it
> as a "jumper". What am I missing or is this a defect or a design flaw ??
>
> Thanks in advance,
> Bob, W3IAX
>
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> Yahoo! Groups Links
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Yahoo! Groups Links

5713. LDg FT-897

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-09-30 16:53:01 UTC
From: Gary
Topic: 5713 Message: 5713

Has any one hav trouble the antenna so239 coming loose.

I found it was lose the nut on the inside came and took out my

Yeasu ft-897d I had to send my radio pack to yeasu because no alc or

power out put. so watch you turner I like it but I found my ft-100

did the same thing. and the whole on the sub d is cut wrong and I had

too round out the whole to make the cable to fit to get it to work.

Just tell the group watch the coax so-239 will come loose. and hav no ground.

ww8o Gary

5714. Re: LDg FT-897

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-10-04 14:43:00 UTC
From: Dwayne
Topic: 5713 Message: 5714

Gary,

Yes, it's possible for the nut to come loose on the SO-239 for that tuner. It should be checked any time the tuner is shipped as it may come loose. A good time to check it is when you have the lid off the tuner to install on the side of an FT-897.

It's unlikely that the loose nut caused the radio to go out (but not saying impossible). The radio has a protective circuit that automatically lowers the RF power when a bad match is presented to the radio.

With that being said, the radio's protective circuit may not have been working properly and failed to protect the radio when the nut came loose on the tuner.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "Gary" <ww8o@...> wrote:
>
> Has any one hav trouble the antenna so239 coming loose.
>
> I found it was lose the nut on the inside came and took out my
>
> Yeasu ft-897d I had to send my radio pack to yeasu because no alc or
>
> power out put. so watch you turner I like it but I found my ft-100
>
> did the same thing. and the whole on the sub d is cut wrong and I had
>
> too round out the whole to make the cable to fit to get it to work.
>
>
> Just tell the group watch the coax so-239 will come loose. and hav no ground.
>
>
> ww8o Gary
>

5715. RE: [LDG-auto-tuners] Re: LDg FT-897

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-10-05 01:18:14 UTC
From: Gary
Topic: 5713 Message: 5715

I have had at-897 for 4 years and this the first time this happen I have went inside and fix the nut. I just got a call from Yeasu and it was not the rf power is was a filter went out sorry

Just want the other that has the ldg AT-897 please check this I have love the way the tuner work and how I use it in the field. The tuner will do 11 : 1 I have seen that on field day one year .
WW8O Gary

-----Original Message-----
From: LDG-auto-tuners@yahoogroups.com
[mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Dwayne
Sent: Thursday, October 04, 2012 10:43 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: LDg FT-897

Gary,

Yes, it's possible for the nut to come loose on the SO-239 for that tuner. It should be checked any time the tuner is shipped as it may come loose. A good time to check it is when you have the lid off the tuner to install on the side of an FT-897.

It's unlikely that the loose nut caused the radio to go out (but not saying impossible). The radio has a protective circuit that automatically lowers the RF power when a bad match is presented to the radio.

With that being said, the radio's protective circuit may not have been working properly and failed to protect the radio when the nut came loose on the tuner.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "Gary" <ww8o@...> wrote:
>
> Has any one hav trouble the antenna so239 coming loose.
>
> I found it was lose the nut on the inside came and took out my
>
> Yeasu ft-897d I had to send my radio pack to yeasu because no alc or
>
> power out put. so watch you turner I like it but I found my ft-100
>
> did the same thing. and the whole on the sub d is cut wrong and I had
>
> too round out the whole to make the cable to fit to get it to work.

>
>
> Just tell the group watch the coax so-239 will come loose. and hav no
ground.
>
>
> ww8o Gary
>

Yahoo! Groups Links

5716. Z11Pro Battery Life

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-10-05 04:09:08 UTC
From: wa9afm
Topic: 5716 Message: 5716

Recently moved the Z11Pro out to the base of the DX Engineering MBVA. Powering the Z11 with a battery pack with 8 AA's. The LDG manual says it should last about a year in this configuration; I've gotten only about 1 week. Any better battery configurations?

Tom WA9AFM/5

5717. Re: [LDG-auto-tuners] Z11Pro Battery Life

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-10-05 21:55:50 UTC
From: Hank Greeb
Topic: 5716 Message: 5717

Better check your settings on the Z-11. I have a Z-100 which lasts considerably longer than that - weeks when I forget to unplug it between contests. I usually operate at least one contest a month, so it's rare that I find that I've left it on for more than a month at a time, but, it will work for quite a few more contests after a month of being on 24/7.

72/73 de n8xx Hg
QRP >99.44% of the time

On 10/5/2012 12:09 AM, wa9afm wrote:
> Recently moved the Z11Pro out to the base of the DX Engineering MBVA. Powering the Z11 with a battery pack with 8 AA's. The LDG manual says it should last about a year in this configuration; I've gotten only about 1 week. Any better battery configurations?
>
> Tom WA9AFM/5

[Non-text portions of this message have been removed]

5718. Re: [LDG-auto-tuners] Z11Pro Battery Life

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-10-06 04:33:50 UTC
From: Bob Shilling
Topic: 5716 Message: 5718

My first set lasted a year. The set in there now is about 2 years old. I'm a pretty casual op though. But one week? That sounds wrong, no matter how much you are tuning.

Bob,
kk6qq

--- On Thu, 10/4/12, wa9afm <tmwebb@...t> wrote:

> From: wa9afm <tmwebb@...>
> Subject: [LDG-auto-tuners] Z11Pro Battery Life
> To: LDG-auto-tuners@yahoogroups.com
> Date: Thursday, October 4, 2012, 9:09 PM
> Recently moved the Z11Pro out to the
> base of the DX Engineering MBVA. Powering the Z11 with
> a battery pack with 8 AA's. The LDG manual says it
> should last about a year in this configuration; I've gotten
> only about 1 week. Any better battery configurations?
>
> Tom WA9AFM/5
>
>
>
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> Yahoo! Groups Links
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>
>   LDG-auto-tuners-fullfeatured@yahoogroups.com
>
>

5719. Looking for 2 VHF sensors for my DWM-4

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-10-20 02:52:12 UTC
From: ei8kf
Topic: 5719 Message: 5719

Anyone have two VHF sensors for the LDG DWM-4 meter that they'd like to sell? I recently bought a meter with 2 HF sensors and would like to use the meter with my TS-790.

Thanks,
Andrew

5720. Whats the best way to connect a z-11 pro to my ts-480 and have a " tune" button

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-10-20 00:15:41 UTC
From: n0nzg
Topic: 5720 Message: 5720

I have a ts-480 sat and I am some what disappointed in the performance of the internal tuner. It has a very narrow range compared to the tuner in my ts-570d. I do have a long forgotten Z-11 Pro tuner sitting on the shelf that I would like to use as an external solution to this problem as most of my portable set-ups need a wide range tuner to work correctly. How can I interface this to my TS-480 SAT and have ether the tune button on the radio or tuner work to start an auto tune cycle.

Thanks,

Jeremy N0NZG

5721. LDG IT-100 LED Blinks 4 times

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-10-21 03:28:24 UTC
From: Brad
Topic: 5721 Message: 5721

I just bought the LDG IT-100 about a month ago and it has been working fine with my IC-7000. I've been busy at work and here at home but have had time to make several short contacts on HF using the Tuner. Today, the tuner began to act differently than before.

My brother just got his HF antenna up and we started searching for a good HF frequency to use. After tuning on a couple of different bands, the tuner stopped making the "clacking" noise during tune and I started getting 4 LED blinks after "Tune" and no green SWR LED like I used to get. 4 blinks means the tuning cycle failed, no RF was detected.

My SWR meter was reading 1.0 on transmit but my brother could not hear me.

I turned everything off, completely disconnected power, reconnected power and turned the radio back on. I then put the Tuner into bypass mode then back into active. Then I pressed and held the Tune button on the face of the tuner until the red LED came on and then went back off (put the tuner into "Full Tune" cycle).

The familiar "Clacking" sound started again and I got a green SWR light. I then transmitted and was able to talk to my brother on 80 meters. Life was good.

We decided to switch to 40 meters due to noise on 80 meters. I hit the "Tune" button on my microphone but got the 4 LED blinks again with no "Clacking" sound. Uh oh.

I tried again all the things I had done previously but this time nothing seems to work.

I'm new on HF and I am inexperienced in the use of tuners. I have attempted to follow the manual in the setup and I have tried the things suggested in the manual but I'm quickly at a loss for what to try now. Is this an indication of a problem with the tuner or is it possible I have something else going on that I need to figure out? I'm open for ideas.

Thanks!
Brad (AK4RE)

5722. YT-450 compatible with other radios?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-10-21 18:46:44 UTC
From: Ronny
Topic: 5722 Message: 5722

I bought a used YT-450 at a hamfest yesterday. I'm wondering what other Yaesu or other radios it may work with. I know I can press the front button and it will tune up. I did not get the DB9 cables with it but it seems to work ok. Anyone have a generic model they would want to trade?

Ronny
K4RJJ

5723. Re: [LDG-auto-tuners] Whats the best way to connect a z-11 pro to my ts-480 and have a " tune" button

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-10-22 20:39:55 UTC
From: Michael Walker
Topic: 5720 Message: 5723

Just send some RF to the tuner and it will automatically tune. You really don't need the tune button.

Yes, the Z11 is a tuner while the internal ATU for the 480 is an antenna matching unit. Less range.

This is on their web site:

he Z-11ProII has 2,000 memories automatically storing tuning configurations for each frequency and band as you use them. Frequency sensing circuitry lets the Z-11Pro ?know? your operating band and frequency. Whenever you transmit on or near a frequency you?ve used before, the Z-11ProII retunes from memory almost instantly. Full auto mode tunes with SSB. Just speak into the mic and it tunes! Memories are retained indefinitely.

Mike va3mw

On Fri, Oct 19, 2012 at 8:15 PM, n0nzg <maintman73@...> wrote:

> **
>
>
> I have a ts-480 sat and I am some what disappointed in the performance of
> the internal tuner. It has a very narrow range compared to the tuner in my
> ts-570d. I do have a long forgotten Z-11 Pro tuner sitting on the shelf
> that I would like to use as an external solution to this problem as most of
> my portable set-ups need a wide range tuner to work correctly. How can I
> interface this to my TS-480 SAT and have ether the tune button on the radio
> or tuner work to start an auto tune cycle.
>
> Thanks,
>
> Jeremy N0NZG
>
>
>

[Non-text portions of this message have been removed]

5724. Re: [LDG-auto-tuners] LDG IT-100 LED Blinks 4 times

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-10-22 22:23:02 UTC
From: Bill Aycock
Topic: 5721 Message: 5724

Brad--
What power level are you using while tuning, and what radio?
Bill--W4BSG

-----Original Message-----
From: Brad
Sent: Saturday, October 20, 2012 10:28 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] LDG IT-100 LED Blinks 4 times

I just bought the LDG IT-100 about a month ago and it has been working fine with my IC-7000. I've been busy at work and here at home but have had time to make several short contacts on HF using the Tuner. Today, the tuner began to act differently than before.

My brother just got his HF antenna up and we started searching for a good HF frequency to use. After tuning on a couple of different bands, the tuner stopped making the "clacking" noise during tune and I started getting 4 LED blinks after "Tune" and no green SWR LED like I used to get. 4 blinks means the tuning cycle failed, no RF was detected.

My SWR meter was reading 1.0 on transmit but my brother could not hear me.

I turned everything off, completely disconnected power, reconnected power and turned the radio back on. I then put the Tuner into bypass mode then back into active. Then I pressed and held the Tune button on the face of the tuner until the red LED came on and then went back off (put the tuner into "Full Tune" cycle).

The familiar "Clacking" sound started again and I got a green SWR light. I then transmitted and was able to talk to my brother on 80 meters. Life was good.

We decided to switch to 40 meters due to noise on 80 meters. I hit the "Tune" button on my microphone but got the 4 LED blinks again with no "Clacking" sound. Uh oh.

I tried again all the things I had done previously but this time nothing seems to work.

I'm new on HF and I am inexperienced in the use of tuners. I have attempted to follow the manual in the setup and I have tried the things suggested in the manual but I'm quickly at a loss for what to try now. Is this an indication of a problem with the tuner or is it possible I have something else going on that I need to figure out? I'm open for ideas.

Thanks!
Brad (AK4RE)

Yahoo! Groups Links

5725. ☐Wayback Machine☐ for the AT-11

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-10-23 00:44:57 UTC
From: Dwayne
Topic: 5725 Message: 5725

Hi All,

If you have an AT-11 V2.5 board from the late 1998 to 2001 time-frame, we have 10 SPK20 boards left over from this long-forgotten project. The SPK20 board added a number of audible beeps to the AT-11 to give you an audio indication of the final match that it found. 1 beep was good, 5 beeps was worse.

These boards are assembled, but missing the flat speaker, the LM386 chip, and the wires that goes to J4 on the AT-11 2.5 PCB.

The unit uses a low pass filter and LM386 chip to provide the beeps from inside the enclosure once a tune has been completed. These only work on AT-11 units and only version 2.5 PC board.

The first 10 people that respond on this list will get one and then they are gone forever.

Dwayne Kincaid
LDG

5726. Battery Packs for the Z-11ProII

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-10-23 01:28:54 UTC
From: Dwayne
Topic: 5726 Message: 5726

Hi Group,

Somehow, we ended up with 40 extra battery holders for the Z-11ProII. We probably ordered a couple to test with, but got too many. Anyway, you can get a 4-AA holder that will fit in the Z-11ProII for $5 shipping included to US and Canada.

To get one, go to our web site under Support/Manual on the left side, then click Tech Support in the middle of the page, then scroll to the bottom to the PayPay button. Type in Z-11ProII Battery Holder and then press the Pay Now button. There is no need to contact us first as we already know this is going on.

Dwayne Kincaid
LDG

5727. Re: [LDG-auto-tuners] “Wayback Machine” for the AT-11

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-10-23 01:22:36 UTC
From: Bruce Harvey
Topic: 5725 Message: 5727

Hi Dwayne,

I would be very interested in getting one of the SPK20 boards.

Bruce, VE1II

5728. Re: Wayback Machine for the AT-11

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-10-23 01:32:59 UTC
From: Dwayne
Topic: 5725 Message: 5728

Hi Bruce,

I guess I should have said to contact us directly. So send a direct e-mail with your mailing address and we'll send you a board.

Glad to see you still have an AT-11 up and running!

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, Bruce Harvey <bharvey@...> wrote:
>
> Hi Dwayne,
>
> I would be very interested in getting one of the SPK20 boards.
>
> Bruce, VE1II
>

5729. Re: [LDG-auto-tuners] YT-450 compatible with other radios?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-10-23 03:02:14 UTC
From: Brian Denley
Topic: 5722 Message: 5729

Ronny:
That tuner is specifically designed to work only with the 450 and 950 transceivers. when you press TUNE it 'talks' to those rigs and changes them to AM mode and low power, tunes, and then switches the rig back to whatever mode you were on when you pressed TUNE. It is not intended for any other rigs.

Brian KB1VBF

On Oct 21, 2012, at 2:46 PM, "Ronny" <k4rjj@comcast.net> wrote:

> I bought a used YT-450 at a hamfest yesterday. I'm wondering what other Yaesu or other radios it may work with. I know I can press the front button and it will tune up. I did not get the DB9 cables with it but it seems to work ok. Anyone have a generic model they would want to trade?
>
> Ronny
> K4RJJ
>
>

[Non-text portions of this message have been removed]

5730. Re: [LDG-auto-tuners] YT-450 compatible with other radios?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-10-23 03:27:27 UTC
From: Ronny Julian
Topic: 5722 Message: 5730

Guess it will be off to eBay then. I have it listed on QRZ and no one
wants it. Thanks for the info. I thought it would work like a Z-100
and do a tune based on what it was "seeing" from both the rig and antenna.

On 10/22/2012 11:02 PM, Brian Denley wrote:
> Ronny:
> That tuner is specifically designed to work only with the 450 and 950 transceivers. when you press TUNE it 'talks' to those rigs and changes them to AM mode and low power, tunes, and then switches the rig back to whatever mode you were on when you pressed TUNE. It is not intended for any other rigs.
>
> Brian KB1VBF
>
>
> On Oct 21, 2012, at 2:46 PM, "Ronny" <k4rjj@...> wrote:
>
>> I bought a used YT-450 at a hamfest yesterday. I'm wondering what other Yaesu or other radios it may work with. I know I can press the front button and it will tune up. I did not get the DB9 cables with it but it seems to work ok. Anyone have a generic model they would want to trade?
>>
>> Ronny
>> K4RJJ
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> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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5731. Re: [LDG-auto-tuners] YT-450 compatible with other radios?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-10-23 12:51:46 UTC
From: Bill Aycock
Topic: 5722 Message: 5731

Ronny and Julian--
As far as I know, it WILL work independently, with most rigs. It's just that the convenience features (Tune button) don't help.
I have an FT-950; what are you asking?
Bill--W4BSG

-----Original Message-----
From: Ronny Julian
Sent: Monday, October 22, 2012 10:27 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] YT-450 compatible with other radios?

Guess it will be off to eBay then. I have it listed on QRZ and no one wants it. Thanks for the info. I thought it would work like a Z-100 and do a tune based on what it was "seeing" from both the rig and antenna.

On 10/22/2012 11:02 PM, Brian Denley wrote:
> Ronny:
> That tuner is specifically designed to work only with the 450 and 950
> transceivers. when you press TUNE it 'talks' to those rigs and changes
> them to AM mode and low power, tunes, and then switches the rig back to
> whatever mode you were on when you pressed TUNE. It is not intended for
> any other rigs.
>
> Brian KB1VBF
>
>
> On Oct 21, 2012, at 2:46 PM, "Ronny" <k4rjj@...> wrote:
>
>> I bought a used YT-450 at a hamfest yesterday. I'm wondering what other
>> Yaesu or other radios it may work with. I know I can press the front
>> button and it will tune up. I did not get the DB9 cables with it but it
>> seems to work ok. Anyone have a generic model they would want to trade?
>>
>> Ronny
>> K4RJJ
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> [Non-text portions of this message have been removed]
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Yahoo! Groups Links

5732. SPK-20 boards

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-10-23 12:19:32 UTC
From: Tony Brignole
Topic: 5732 Message: 5732

I would like one of the SPK-20 boards if possible.

Please advise cost etc.

I have an older AT-11 which works great but haven't opened it to see version.

Tony Brignole
2444 Lacosta Dr.
Bartlett, TN 38134

[Non-text portions of this message have been removed]

5733. Re: [LDG-auto-tuners] "Wayback Machine" for the AT -11

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-10-23 12:17:08 UTC
From: Tony Brignole
Topic: 5733 Message: 5733

I would like one if possible.

I have and AT-11 but haven't opened it to see which version it is.

Please let me know cost etc.

----- Original Message -----
From: Dwayne
To: LDG-auto-tuners@yahoogroups.com
Sent: Monday, October 22, 2012 7:44 PM
Subject: [LDG-auto-tuners] "Wayback Machine" for the AT-11

Hi All,

If you have an AT-11 V2.5 board from the late 1998 to 2001 time-frame, we have 10 SPK20 boards left over from this long-forgotten project. The SPK20 board added a number of audible beeps to the AT-11 to give you an audio indication of the final match that it found. 1 beep was good, 5 beeps was worse.

These boards are assembled, but missing the flat speaker, the LM386 chip, and the wires that goes to J4 on the AT-11 2.5 PCB.

The unit uses a low pass filter and LM386 chip to provide the beeps from inside the enclosure once a tune has been completed. These only work on AT-11 units and only version 2.5 PC board.

The first 10 people that respond on this list will get one and then they are gone forever.

Dwayne Kincaid
LDG

[Non-text portions of this message have been removed]

5734. Re: SPK-20 boards

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-10-23 18:03:02 UTC
From: Dwayne
Topic: 5732 Message: 5734

Ok Tony,

You got one coming your way.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "Tony Brignole" <abrigno@...> wrote:
>
> I would like one of the SPK-20 boards if possible.
>
> Please advise cost etc.
>
> I have an older AT-11 which works great but haven't opened it to see version.
>
> Tony Brignole
> 2444 Lacosta Dr.
> Bartlett, TN 38134
>
>
>
> [Non-text portions of this message have been removed]
>

5735. Re: LDG IT-100 LED Blinks 4 times

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-10-23 18:35:29 UTC
From: Dwayne
Topic: 5721 Message: 5735

Brad,

It's a long shot, but you may have a bad RF jumper cable between the tuner and radio.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "Brad" <bcansler@...> wrote:
>
> I just bought the LDG IT-100 about a month ago and it has been working fine with my IC-7000. I've been busy at work and here at home but have had time to make several short contacts on HF using the Tuner. Today, the tuner began to act differently than before.
>
> My brother just got his HF antenna up and we started searching for a good HF frequency to use. After tuning on a couple of different bands, the tuner stopped making the "clacking" noise during tune and I started getting 4 LED blinks after "Tune" and no green SWR LED like I used to get. 4 blinks means the tuning cycle failed, no RF was detected.
>
> My SWR meter was reading 1.0 on transmit but my brother could not hear me.
>
> I turned everything off, completely disconnected power, reconnected power and turned the radio back on. I then put the Tuner into bypass mode then back into active. Then I pressed and held the Tune button on the face of the tuner until the red LED came on and then went back off (put the tuner into "Full Tune" cycle).
>
> The familiar "Clacking" sound started again and I got a green SWR light. I then transmitted and was able to talk to my brother on 80 meters. Life was good.
>
> We decided to switch to 40 meters due to noise on 80 meters. I hit the "Tune" button on my microphone but got the 4 LED blinks again with no "Clacking" sound. Uh oh.
>
> I tried again all the things I had done previously but this time nothing seems to work.
>
> I'm new on HF and I am inexperienced in the use of tuners. I have attempted to follow the manual in the setup and I have tried the things suggested in the manual but I'm quickly at a loss for what to try now. Is this an indication of a problem with the tuner or is it possible I have something else going on that I need to figure out? I'm open for ideas.
>
> Thanks!
> Brad (AK4RE)
>

5736. Re: Looking for 2 VHF sensors for my DWM-4

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-10-23 18:36:52 UTC
From: Dwayne
Topic: 5719 Message: 5736

Andrew,

I have a couple of unpopulated VHF sensor PC boards that you can have if you want to make your own.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "ei8kf" <ei8kf@...> wrote:
>
> Anyone have two VHF sensors for the LDG DWM-4 meter that they'd like to sell? I recently bought a meter with 2 HF sensors and would like to use the meter with my TS-790.
>
> Thanks,
> Andrew
>

5737. Re: Whats the best way to connect a z-11 pro to my ts-480 and have a " tune" button

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-10-23 18:40:37 UTC
From: Dwayne
Topic: 5720 Message: 5737

Jeremy,

There is no way to interface the Z-11Pro to the TS-480. However, you can program the PF key to send a 25 watt carrier and leave the tuner in Auto mode.

Then when you press the PF button, the radio will send a carrier and the tuner will sense that and tune. Once the tuner is finished, press the PF key again and the radio will un-key and return to the original mode and power level.

Be sure to turn off the internal tuner in the TS-480SAT.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "n0nzg" <maintman73@...> wrote:
>
> I have a ts-480 sat and I am some what disappointed in the performance of the internal tuner. It has a very narrow range compared to the tuner in my ts-570d. I do have a long forgotten Z-11 Pro tuner sitting on the shelf that I would like to use as an external solution to this problem as most of my portable set-ups need a wide range tuner to work correctly. How can I interface this to my TS-480 SAT and have ether the tune button on the radio or tuner work to start an auto tune cycle.
>
> Thanks,
>
> Jeremy N0NZG
>

5738. Re: [LDG-auto-tuners] Re: What's the best way to connect a z-11 pro to my TS-480 and have a " tune" button

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-10-23 20:26:43 UTC
From: Jimmy (WB8NBI)
Topic: 5720 Message: 5738

Jeremy:
I have used this method with both the TS-480HX and now my TS-590S with my AT-600Pro and my AT-200Pro II As Dwayne said this is the best method to use.

From: Dwayne
Sent: Tuesday, October 23, 2012 2:40 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: Whats the best way to connect a z-11 pro to my ts-480 and have a " tune" button

Jeremy,

There is no way to interface the Z-11Pro to the TS-480. However, you can program the PF key to send a 25 watt carrier and leave the tuner in Auto mode.

Then when you press the PF button, the radio will send a carrier and the tuner will sense that and tune. Once the tuner is finished, press the PF key again and the radio will un-key and return to the original mode and power level.

Be sure to turn off the internal tuner in the TS-480SAT.

Dwayne Kincaid
LDG

--- In mailto:LDG-auto-tuners%40yahoogroups.com, "n0nzg" <maintman73@...> wrote:
>
> I have a ts-480 sat and I am some what disappointed in the performance of the internal tuner. It has a very narrow range compared to the tuner in my ts-570d. I do have a long forgotten Z-11 Pro tuner sitting on the shelf that I would like to use as an external solution to this problem as most of my portable set-ups need a wide range tuner to work correctly. How can I interface this to my TS-480 SAT and have ether the tune button on the radio or tuner work to start an auto tune cycle.
>
> Thanks,
>
> Jeremy N0NZG
>

[Non-text portions of this message have been removed]

5739. Re: [LDG-auto-tuners] YT-450 compatible with other radios?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-10-23 20:57:23 UTC
From: Ronny Julian
Topic: 5722 Message: 5739

Respond direct please. k4rjj at comcast dot net thanks

On 10/23/2012 8:51 AM, Bill Aycock wrote:
>
> Ronny and Julian--
> As far as I know, it WILL work independently, with most rigs. It's
> just that
> the convenience features (Tune button) don't help.
> I have an FT-950; what are you asking?
> Bill--W4BSG
>
> -----Original Message-----
> From: Ronny Julian
> Sent: Monday, October 22, 2012 10:27 PM
> To: LDG-auto-tuners@yahoogroups.com
> <mailto:LDG-auto-tuners%40yahoogroups.com>
> Subject: Re: [LDG-auto-tuners] YT-450 compatible with other radios?
>
> Guess it will be off to eBay then. I have it listed on QRZ and no one
> wants it. Thanks for the info. I thought it would work like a Z-100
> and do a tune based on what it was "seeing" from both the rig and antenna.
>
> On 10/22/2012 11:02 PM, Brian Denley wrote:
> > Ronny:
> > That tuner is specifically designed to work only with the 450 and 950
> > transceivers. when you press TUNE it 'talks' to those rigs and changes
> > them to AM mode and low power, tunes, and then switches the rig back to
> > whatever mode you were on when you pressed TUNE. It is not intended for
> > any other rigs.
> >
> > Brian KB1VBF
> >
> >
> > On Oct 21, 2012, at 2:46 PM, "Ronny" <k4rjj@...
> > <mailto:k4rjj%40comcast.net>> wrote:
> >
> >> I bought a used YT-450 at a hamfest yesterday. I'm wondering what
> other
> >> Yaesu or other radios it may work with. I know I can press the front
> >> button and it will tune up. I did not get the DB9 cables with it
> but it
> >> seems to work ok. Anyone have a generic model they would want to trade?
> >>
> >> Ronny
> >> K4RJJ

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[Non-text portions of this message have been removed]

5740. Re: [LDG-auto-tuners] LDG IT-100 LED Blinks 4 times

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-10-24 09:25:41 UTC
From: doug pfaff
Topic: 5721 Message: 5740

Hi Brad

Did you switch to low power 10 watts and use a cw mode or other continuous output for tuning and key your mike until the tuner green led lights especially if your on a new band.

Did you by chance read the LDG operating manual and try a manual tune

Maybe your antenna is outside the tuner capabilities.

Site conditions do impact the generalized theory,closeness to ground,object near the antenna that are grounded e.g. wire fences etc, metal house siding,stucco wire,wire too close to the tower e.g. sloper (approx 3 feet away) .

Elaborate more and the answers can become less general

bill's reply questions are the first things one would ask not knowing your antenna system,radio etc

The other resource is Dwayne on this forum from LDG.

Doug ve5dcp

----- Original Message -----
From: Bill Aycock
To: LDG-auto-tuners@yahoogroups.com
Sent: Monday, October 22, 2012 4:23 PM
Subject: Re: [LDG-auto-tuners] LDG IT-100 LED Blinks 4 times

Brad--
What power level are you using while tuning, and what radio?
Bill--W4BSG

-----Original Message-----
From: Brad
Sent: Saturday, October 20, 2012 10:28 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] LDG IT-100 LED Blinks 4 times

I just bought the LDG IT-100 about a month ago and it has been working fine with my IC-7000. I've been busy at work and here at home but have had time to make several short contacts on HF using the Tuner. Today, the tuner began to act differently than before.

My brother just got his HF antenna up and we started searching for a good HF frequency to use. After tuning on a couple of different bands, the tuner stopped making the "clacking" noise during tune and I started getting 4 LED blinks after "Tune" and no green SWR LED like I used to get. 4 blinks means the tuning cycle failed, no RF was detected.

My SWR meter was reading 1.0 on transmit but my brother could not hear me.

I turned everything off, completely disconnected power, reconnected power and turned the radio back on. I then put the Tuner into bypass mode then back into active. Then I pressed and held the Tune button on the face of the tuner until the red LED came on and then went back off (put the tuner into "Full Tune" cycle).

The familiar "Clacking" sound started again and I got a green SWR light. I then transmitted and was able to talk to my brother on 80 meters. Life was good.

We decided to switch to 40 meters due to noise on 80 meters. I hit the "Tune" button on my microphone but got the 4 LED blinks again with no "Clacking" sound. Uh oh.

I tried again all the things I had done previously but this time nothing seems to work.

I'm new on HF and I am inexperienced in the use of tuners. I have attempted to follow the manual in the setup and I have tried the things suggested in the manual but I'm quickly at a loss for what to try now. Is this an indication of a problem with the tuner or is it possible I have something else going on that I need to figure out? I'm open for ideas.

Thanks!
Brad (AK4RE)

Yahoo! Groups Links

Doug Pfaff
doug.pfaff@...

[Non-text portions of this message have been removed]

5741. Bypass Mode LDG AT-600 Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-10-23 20:37:46 UTC
From: ve7gtc
Topic: 5741 Message: 5741

I just got a new AT-600 Pro. I have 2 antennas hooked up to it. Antenna 1 functions properly, with no leds lighting. When I push the ANT button the Ant 2 led lights, but the Bypass led lights as well. Antenna 2 works correctly and is not being bypassed. If I push the tune button it retunes and then the bypass light may or may not go out. Am I doing something wrong?
Thanks!

5742. Re: [LDG-auto-tuners] Bypass Mode LDG AT-600 Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-10-24 16:41:08 UTC
From: Jimmy (WB8NBI)
Topic: 5741 Message: 5742

I have seen this with my 600Pro but never thought much about as I always have a good match.

From: ve7gtc
Sent: Tuesday, October 23, 2012 4:37 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Bypass Mode LDG AT-600 Pro

I just got a new AT-600 Pro. I have 2 antennas hooked up to it. Antenna 1 functions properly, with no leds lighting. When I push the ANT button the Ant 2 led lights, but the Bypass led lights as well. Antenna 2 works correctly and is not being bypassed. If I push the tune button it retunes and then the bypass light may or may not go out. Am I doing something wrong?
Thanks!

[Non-text portions of this message have been removed]

5743. Re: Bypass Mode LDG AT-600 Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-10-24 18:50:34 UTC
From: ve7gtc
Topic: 5741 Message: 5743

Thanks for the reply. It doesn't seem to affect anything. It's sort of strange.

Gus k2gt ve7gtc

--- In LDG-auto-tuners@yahoogroups.com, "Jimmy \(WB8NBI\)" <wb8nbi@...> wrote:
>
> I have seen this with my 600Pro but never thought much about as I always have a good match.
>
> From: ve7gtc
> Sent: Tuesday, October 23, 2012 4:37 PM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: [LDG-auto-tuners] Bypass Mode LDG AT-600 Pro
>
>
> I just got a new AT-600 Pro. I have 2 antennas hooked up to it. Antenna 1 functions properly, with no leds lighting. When I push the ANT button the Ant 2 led lights, but the Bypass led lights as well. Antenna 2 works correctly and is not being bypassed. If I push the tune button it retunes and then the bypass light may or may not go out. Am I doing something wrong?
> Thanks!
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

5744. Re: What's the best way to connect a z-11 pro to my TS-480 and have a " tune" button

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-10-25 02:21:55 UTC
From: Ken
Topic: 5720 Message: 5744

I use a programed PF button on my TS-590. The RF Sense in the Z11 pro always works fine. The Z11 pro does not need much power for tuning up.. It should work with 5 watts (or even a lower power).. considering it works with with QRP rigs like the FT-817. I use mine set to 10 watts but the reason for this is that the MFJ-993B, on my radio's other antenna port, will not work with less power.

73 - Ken - VE5KC
- MM Hamsoft - http://hamsoft.ca
- VE5KC - http://ham-radio.ca
- Amateur Radio Link - http://amateur-radio.ca

--- In LDG-auto-tuners@yahoogroups.com, "Jimmy \(WB8NBI\)" <wb8nbi@...> wrote:
>
> Jeremy:
> I have used this method with both the TS-480HX and now my TS-590S with my AT-600Pro and my AT-200Pro II As Dwayne said this is the best method to use.
>
> From: Dwayne
> Sent: Tuesday, October 23, 2012 2:40 PM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: [LDG-auto-tuners] Re: Whats the best way to connect a z-11 pro to my ts-480 and have a " tune" button
>
>
> Jeremy,
>
> There is no way to interface the Z-11Pro to the TS-480. However, you can program the PF key to send a 25 watt carrier and leave the tuner in Auto mode.
>
> Then when you press the PF button, the radio will send a carrier and the tuner will sense that and tune. Once the tuner is finished, press the PF key again and the radio will un-key and return to the original mode and power level.
>
> Be sure to turn off the internal tuner in the TS-480SAT.
>
> Dwayne Kincaid
> LDG
>
> --- In mailto:LDG-auto-tuners%40yahoogroups.com, "n0nzg" <maintman73@> wrote:
> >
> > I have a ts-480 sat and I am some what disappointed in the performance of the internal tuner. It has a very narrow range compared to the tuner in my ts-570d. I do have a long forgotten Z-11 Pro tuner sitting on the shelf that I would like to use as an external

solution to this problem as most of my portable set-ups need a wide range tuner to work correctly. How can I interface this to my TS-480 SAT and have ether the tune button on the radio or tuner work to start an auto tune cycle.
> >
> > Thanks,
> >
> > Jeremy N0NZG
> >
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

5745. Re: ☐Wayback Machine☐ for the AT-11

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-10-25 03:07:21 UTC
From: wenpyle
Topic: 5725 Message: 5745

It would work with my AT-11 How much?

shipped to:

Wendell Pyle (W3VH)
814 E. Main St
Box 548
Rural Valley, PA 16249

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
>
> Hi All,
>
> If you have an AT-11 V2.5 board from the late 1998 to 2001 time-frame, we have 10 SPK20 boards left over from this long-forgotten project. The SPK20 board added a number of audible beeps to the AT-11 to give you an audio indication of the final match that it found. 1 beep was good, 5 beeps was worse.
>
> These boards are assembled, but missing the flat speaker, the LM386 chip, and the wires that goes to J4 on the AT-11 2.5 PCB.
>
> The unit uses a low pass filter and LM386 chip to provide the beeps from inside the enclosure once a tune has been completed. These only work on AT-11 units and only version 2.5 PC board.
>
> The first 10 people that respond on this list will get one and then they are gone forever.
>
> Dwayne Kincaid
> LDG
>

5746. Re: ☐Wayback Machine☐ for the AT-11

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-10-25 15:39:38 UTC
From: Dwayne
Topic: 5725 Message: 5746

Wendell,

There is no charge. We'll get it out to you shortly.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "wenpyle" <wenpyle@...> wrote:
>
> It would work with my AT-11 How much?
>
> shipped to:
>
> Wendell Pyle (W3VH)
> 814 E. Main St
> Box 548
> Rural Valley, PA 16249
>
> --- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@> wrote:
> >
> >
> > Hi All,
> >
> > If you have an AT-11 V2.5 board from the late 1998 to 2001 time-frame, we have 10 SPK20 boards left over from this long-forgotten project. The SPK20 board added a number of audible beeps to the AT-11 to give you an audio indication of the final match that it found. 1 beep was good, 5 beeps was worse.
> >
> > These boards are assembled, but missing the flat speaker, the LM386 chip, and the wires that goes to J4 on the AT-11 2.5 PCB.
> >
> > The unit uses a low pass filter and LM386 chip to provide the beeps from inside the enclosure once a tune has been completed. These only work on AT-11 units and only version 2.5 PC board.
> >
> > The first 10 people that respond on this list will get one and then they are gone forever.
> >
> > Dwayne Kincaid
> > LDG
> >
>

5747. Re: Ldg 600 pro autotuner issue

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-10-26 11:29:28 UTC
From: mcyman
Topic: 5659 Message: 5747

Follow up after changing the Processor chip in the AT-600 Pro.

Thanks LDG for the new later date processor trying to resolve the,
600 from locking up!

However the new processor did not fix my problem.

I have a separate power supply connected to the AT600, when the power supply is first turned on, the AT-600 powers up ,LED power light comes on.
I than press the AT600 power button, which turns off the AT-600 and by passes the AT600 to Ant 2.

I than use my Kenwood TS-590 running about 100 watts, on SSB or CW for any period of time.

I than decide to power up the AT600, by pressing the AT600 power.

Nothing happens the AT600 will not respond and is LOCKED UP, the only way to bring the AT600 back to use is to unplug the Power COrd on the back of the AT600, and re insert the DC plug.

Or I can turn off the AT=600 DC Power Supply and the turn it back on and again the AT600 powers up as it should, and WORKS, as it should!

In my OPINION, I be-leave that when the AT600 is Powered OFF and RF is passing through the AT600, RF is causing the Processor to loose control of the Power Switch!

I have read others have experienced this issue, and I am not sure how to correct the problem.
I am happy with the tuner except for this issue

ROB N8RT

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
> Vince or anyone else having this issue with an AT-600Pro or AT-1000ProII, please contact us directly with your mailing address. It seems that we may have had a batch of processors that does not like to be turned on and off a lot.
>
> We'll be happy to send you a new processor.
>
> Dwayne Kincaid
> LDG
>
> --- In LDG-auto-tuners@yahoogroups.com, Vince <k7na6@> wrote:
> >
> > As I indicated in my post a few weeks ago, I am experiencing exactly the same issue with my AT-1000ProII auto tuner. My current work around is that I have the tuner connected to a small 13.8 VDC power supply dedicated only for use with the tuner. When the tuner

power button fails to operate, I reach over and flip the power supply off and back on, saving me having to physically remove the DC power cable from the back of the tuner.
> > This issue appears to be systemic and appears to affect the 600Pro and the 1000ProII. I hope LDG will get to the bottom of it quickly and let us all know what is happening and how to resolve it.
> >
> > Vince
> >
>

5748. Re: [LDG-auto-tuners] Re: Ldg 600 pro autotuner issue

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-10-26 12:38:57 UTC
From: Jim Lynch
Topic: 5659 Message: 5748

On 10/26/2012 07:29 AM, mcyman wrote:
> In my OPINION, I be-leave that when the AT600 is Powered OFF and RF is passing through the AT600, RF is causing the Processor to loose control of the Power Switch!
I would rather think the rf would be getting in via the power cable but
like you that's just my opinion. Try filtering the power, a different
power supply (like a battery closely coupled, just for testing) etc.

Jim.

5749. Re: [LDG-auto-tuners] Re: Ldg 600 pro autotuner issue

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-10-26 12:43:11 UTC
From: Leonard K. Pennock
Topic: 5659 Message: 5749

Beat me to the punch. I was going to recommend putting a ferrite on the
power lead with power lead making a couple wraps on the core.

On 10/26/2012 05:38 AM, Jim Lynch wrote:
> On 10/26/2012 07:29 AM, mcyman wrote:
>> In my OPINION, I be-leave that when the AT600 is Powered OFF and RF is passing through the AT600, RF is causing the Processor to loose control of the Power Switch!
> I would rather think the rf would be getting in via the power cable but
> like you that's just my opinion. Try filtering the power, a different
> power supply (like a battery closely coupled, just for testing) etc.
>
> Jim.
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

--
Leonard K. Pennock
AD7AS

Those who walk bravely through life, unafraid of loss or failure,
find that they very rarely lose or fail.

5750. Re: [LDG-auto-tuners] Re: Ldg 600 pro autotuner issue

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-10-26 12:52:30 UTC
From: doug pfaff
Topic: 5659 Message: 5750

Question why are you powering off the tuner after you initially power it on maybe incorrect operator error is the issue

some other areas you have maybe not thought of to go looking

What happens when the tuner and radio are on the same power source?

Some of today's electronic is much more susceptible to rf/emi interference.

How clean is the emi/rfi profile of your external dc power supply on both the ac and dc leads?

Is it a brick wall wart style you are using?

Have you use an oscilloscope and checked how pure the dc actually is?
.
You may get a surprise on how poor the DC is out of some power supply designs? a recent issue of CQ did test a number of dc power supplies.

Is there small levels of RF appearing on your ac power cord.

Are both supplies on the same ac circuit breaker in your electrical panel.the ac wiring will migrate problems.

I looked at the dc power leads of my Kenwood TS50 and saw the amount of noise going back to the battery and added some rf filtering to keep rf out of the vehicle electronics .

Today you have to be more diligent than in the past.

Doug ve5dcp

----- Original Message -----
From: mcyman
To: LDG-auto-tuners@yahoogroups.com
Sent: Friday, October 26, 2012 5:29 AM
Subject: [LDG-auto-tuners] Re: Ldg 600 pro autotuner issue

Follow up after changing the Processor chip in the AT-600 Pro.

Thanks LDG for the new later date processor trying to resolve the,
600 from locking up!

However the new processor did not fix my problem.

I have a separate power supply connected to the AT600, when the power supply is first turned on, the AT-600 powers up ,LED power light comes on.
I than press the AT600 power button, which turns off the AT-600 and by passes the AT600 to Ant 2.

I than use my Kenwood TS-590 running about 100 watts, on SSB or CW for any period of time.

I than decide to power up the AT600, by pressing the AT600 power.

Nothing happens the AT600 will not respond and is LOCKED UP, the only way to bring the AT600 back to use is to unplug the Power COrd on the back of the AT600, and re insert the DC plug.

Or I can turn off the AT=600 DC Power Supply and the turn it back on and again the AT600 powers up as it should, and WORKS, as it should!

In my OPINION, I be-leave that when the AT600 is Powered OFF and RF is passing through the AT600, RF is causing the Processor to loose control of the Power Switch!

I have read others have experienced this issue, and I am not sure how to correct the problem.
I am happy with the tuner except for this issue

ROB N8RT

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
> Vince or anyone else having this issue with an AT-600Pro or AT-1000ProII, please contact us directly with your mailing address. It seems that we may have had a batch of processors that does not like to be turned on and off a lot.
>
> We'll be happy to send you a new processor.
>
> Dwayne Kincaid
> LDG
>
> --- In LDG-auto-tuners@yahoogroups.com, Vince <k7na6@> wrote:
> >
> > As I indicated in my post a few weeks ago, I am experiencing exactly the same issue with my AT-1000ProII auto tuner. My current work around is that I have the tuner connected to a small 13.8 VDC power supply dedicated only for use with the tuner. When the tuner power button fails to operate, I reach over and flip the power supply off and back on, saving me having to physically remove the DC power cable from the back of the tuner.
> > This issue appears to be systemic and appears to affect the 600Pro and the 1000ProII. I hope LDG will get to the bottom of it quickly and let us all know what is happening and how to resolve it.
> >
> > Vince
> >
>

Doug Pfaff
doug.pfaff@...

[Non-text portions of this message have been removed]

5751. Re: ☐Wayback Machine☐ for the AT-11

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-10-26 11:58:33 UTC
From: Randy
Topic: 5725 Message: 5751

Hi Dwayne,

I would like to get one of the SPK20 boards.
My address is:

Randy E. Randall
693 North County Road 575 East
Milan IN. 47031

Thanks,
Randy

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
>
> Hi All,
>
> If you have an AT-11 V2.5 board from the late 1998 to 2001 time-frame, we have 10 SPK20 boards left over from this long-forgotten project. The SPK20 board added a number of audible beeps to the AT-11 to give you an audio indication of the final match that it found. 1 beep was good, 5 beeps was worse.
>
> These boards are assembled, but missing the flat speaker, the LM386 chip, and the wires that goes to J4 on the AT-11 2.5 PCB.
>
> The unit uses a low pass filter and LM386 chip to provide the beeps from inside the enclosure once a tune has been completed. These only work on AT-11 units and only version 2.5 PC board.
>
> The first 10 people that respond on this list will get one and then they are gone forever.
>
> Dwayne Kincaid
> LDG
>

5752. Re: ☐Wayback Machine☐ for the AT-11

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-10-26 13:42:44 UTC
From: Dwayne
Topic: 5725 Message: 5752

Ok, You got it.

Dwayne

--- In LDG-auto-tuners@yahoogroups.com, "Randy" <randy.ab9go@...> wrote:
>
> Hi Dwayne,
>
> I would like to get one of the SPK20 boards.
> My address is:
>
> Randy E. Randall
> 693 North County Road 575 East
> Milan IN. 47031
>
> Thanks,
> Randy
>
> --- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@> wrote:
> >
> >
> > Hi All,
> >
> > If you have an AT-11 V2.5 board from the late 1998 to 2001 time-frame, we have 10 SPK20 boards left over from this long-forgotten project. The SPK20 board added a number of audible beeps to the AT-11 to give you an audio indication of the final match that it found. 1 beep was good, 5 beeps was worse.
> >
> > These boards are assembled, but missing the flat speaker, the LM386 chip, and the wires that goes to J4 on the AT-11 2.5 PCB.
> >
> > The unit uses a low pass filter and LM386 chip to provide the beeps from inside the enclosure once a tune has been completed. These only work on AT-11 units and only version 2.5 PC board.
> >
> > The first 10 people that respond on this list will get one and then they are gone forever.
> >
> > Dwayne Kincaid
> > LDG
> >
>

5753. Re: Wayback Machine for the AT-11

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-10-26 13:59:43 UTC
From: Dwayne
Topic: 5725 Message: 5753

Thanks to all that participated. All the boards are now spoken for.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
> Wendell,
>
> There is no charge. We'll get it out to you shortly.
>
> Dwayne Kincaid
> LDG
>

> >
> > --- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@> wrote:
> > >
> > >
> > > Hi All,
> > >
> > > If you have an AT-11 V2.5 board from the late 1998 to 2001 time-frame, we have 10 SPK20 boards left over from this long-forgotten project. The SPK20 board added a number of audible beeps to the AT-11 to give you an audio indication of the final match that it found. 1 beep was good, 5 beeps was worse.
> > >
> > > These boards are assembled, but missing the flat speaker, the LM386 chip, and the wires that goes to J4 on the AT-11 2.5 PCB.
> > >
> > > The unit uses a low pass filter and LM386 chip to provide the beeps from inside the enclosure once a tune has been completed. These only work on AT-11 units and only version 2.5 PC board.
> > >
> > > The first 10 people that respond on this list will get one and then they are gone forever.
> > >
> > > Dwayne Kincaid
> > > LDG
> > >
> >
>

5754. Re: [LDG-auto-tuners] “Wayback Machine” for the AT-11

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-10-26 14:01:59 UTC
From: Sam Rowe
Topic: 5725 Message: 5754

On 10/22/2012 7:44 PM, Dwayne wrote:
>
> Dwayn, If you still have any of the boards left, I could use one. I
> still use the AT-11 in my camper and the audible signal would be a help.
>
Thanks & 73

Sam Rowe, KG9NG
2749 Commercial Ave
Madison WI 53704

> Hi All,
>
> If you have an AT-11 V2.5 board from the late 1998 to 2001 time-frame,
> we have 10 SPK20 boards left over from this long-forgotten project.
> The SPK20 board added a number of audible beeps to the AT-11 to give
> you an audio indication of the final match that it found. 1 beep was
> good, 5 beeps was worse.
>
> These boards are assembled, but missing the flat speaker, the LM386
> chip, and the wires that goes to J4 on the AT-11 2.5 PCB.
>
> The unit uses a low pass filter and LM386 chip to provide the beeps
> from inside the enclosure once a tune has been completed. These only
> work on AT-11 units and only version 2.5 PC board.
>
> The first 10 people that respond on this list will get one and then
> they are gone forever.
>
> Dwayne Kincaid
> LDG
>
>

[Non-text portions of this message have been removed]

5755. Re: Wayback Machine for the AT-11

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-10-26 14:22:42 UTC
From: Dwayne
Topic: 5725 Message: 5755

Ok Sam,

You got the last one.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, Sam Rowe <kg9ng@...> wrote:
>
> On 10/22/2012 7:44 PM, Dwayne wrote:
> >
> > Dwayn, If you still have any of the boards left, I could use one. I
> > still use the AT-11 in my camper and the audible signal would be a help.
> >
> Thanks & 73
>
> Sam Rowe, KG9NG
> 2749 Commercial Ave
> Madison WI 53704
>
>
>
>
>
> > Hi All,
> >
> > If you have an AT-11 V2.5 board from the late 1998 to 2001 time-frame,
> > we have 10 SPK20 boards left over from this long-forgotten project.
> > The SPK20 board added a number of audible beeps to the AT-11 to give
> > you an audio indication of the final match that it found. 1 beep was
> > good, 5 beeps was worse.
> >
> > These boards are assembled, but missing the flat speaker, the LM386
> > chip, and the wires that goes to J4 on the AT-11 2.5 PCB.
> >
> > The unit uses a low pass filter and LM386 chip to provide the beeps
> > from inside the enclosure once a tune has been completed. These only
> > work on AT-11 units and only version 2.5 PC board.
> >
> > The first 10 people that respond on this list will get one and then
> > they are gone forever.
> >
> > Dwayne Kincaid
> > LDG
> >
> >

>
>
>
> [Non-text portions of this message have been removed]
>

5756. Re: [LDG-auto-tuners] Re: Wayback Machine for the AT-11

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-10-26 14:34:11 UTC
From: Sam Rowe
Topic: 5725 Message: 5756

Thanks very much and again thanks for being on the LDG list. It is nice
to have someone from the company there to give us the 'real' answers.

KG9NG

On 10/26/2012 9:22 AM, Dwayne wrote:
>
> Ok Sam,
>
> You got the last one.
>
> Dwayne Kincaid
> LDG
>
> --- In LDG-auto-tuners@yahoogroups.com
> <mailto:LDG-auto-tuners%40yahoogroups.com>, Sam Rowe <kg9ng@...> wrote:
> >
> > On 10/22/2012 7:44 PM, Dwayne wrote:
> > >
> > > Dwayn, If you still have any of the boards left, I could use one. I
> > > still use the AT-11 in my camper and the audible signal would be a
> help.
> > >
> > > Thanks & 73
> >
> > Sam Rowe, KG9NG
> > 2749 Commercial Ave
> > Madison WI 53704
> >
> >
> >
> >
> >
> > > Hi All,
> > >
> > > If you have an AT-11 V2.5 board from the late 1998 to 2001
> time-frame,
> > > we have 10 SPK20 boards left over from this long-forgotten project.
> > > The SPK20 board added a number of audible beeps to the AT-11 to give
> > > you an audio indication of the final match that it found. 1 beep was
> > > good, 5 beeps was worse.
> > >
> > > These boards are assembled, but missing the flat speaker, the LM386
> > > chip, and the wires that goes to J4 on the AT-11 2.5 PCB.
> > >

> > > The unit uses a low pass filter and LM386 chip to provide the beeps
> > > from inside the enclosure once a tune has been completed. These only
> > > work on AT-11 units and only version 2.5 PC board.
> > >
> > > The first 10 people that respond on this list will get one and then
> > > they are gone forever.
> > >
> > > Dwayne Kincaid
> > > LDG
> > >
> > >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>

[Non-text portions of this message have been removed]

5757. Re: Ldg 600 pro autotuner issue

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-10-26 14:53:07 UTC
From: Dwayne
Topic: 5659 Message: 5757

Rob,

We've seen more issues like this with the new code. Although we check it very thoroughly, we may have missed something.

We will be starting another round of tests next week to see what we can find.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "mcyman" <mcyman@...> wrote:
>
> Follow up after changing the Processor chip in the AT-600 Pro.
>
> Thanks LDG for the new later date processor trying to resolve the,
> 600 from locking up!
>
> However the new processor did not fix my problem.
>
> I have a separate power supply connected to the AT600, when the power supply is first turned on, the AT-600 powers up ,LED power light comes on.
> I than press the AT600 power button, which turns off the AT-600 and by passes the AT600 to Ant 2.
>
> I than use my Kenwood TS-590 running about 100 watts, on SSB or CW for any period of time.
>
> I than decide to power up the AT600, by pressing the AT600 power.
>
> Nothing happens the AT600 will not respond and is LOCKED UP, the only way to bring the AT600 back to use is to unplug the Power COrd on the back of the AT600, and re insert the DC plug.
>
> Or I can turn off the AT=600 DC Power Supply and the turn it back on and again the AT600 powers up as it should, and WORKS, as it should!
>
> In my OPINION, I be-leave that when the AT600 is Powered OFF and RF is passing through the AT600, RF is causing the Processor to loose control of the Power Switch!
>
> I have read others have experienced this issue, and I am not sure how to correct the problem.
> I am happy with the tuner except for this issue
>
> ROB N8RT
>
>

>
> --- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@> wrote:
> >
> > Vince or anyone else having this issue with an AT-600Pro or AT-1000ProII, please contact us directly with your mailing address. It seems that we may have had a batch of processors that does not like to be turned on and off a lot.
> >
> > We'll be happy to send you a new processor.
> >
> > Dwayne Kincaid
> > LDG
> >
> > --- In LDG-auto-tuners@yahoogroups.com, Vince <k7na6@> wrote:
> > >
> > > As I indicated in my post a few weeks ago, I am experiencing exactly the same issue with my AT-1000ProII auto tuner. My current work around is that I have the tuner connected to a small 13.8 VDC power supply dedicated only for use with the tuner. When the tuner power button fails to operate, I reach over and flip the power supply off and back on, saving me having to physically remove the DC power cable from the back of the tuner.
> > > This issue appears to be systemic and appears to affect the 600Pro and the 1000ProII. I hope LDG will get to the bottom of it quickly and let us all know what is happening and how to resolve it.
> > >
> > > Vince
> > >
> >
>

5758. Re: [LDG-auto-tuners] Re: Ldg 600 pro autotuner issue

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-10-26 15:26:54 UTC
From: VE6LB
Topic: 5659 Message: 5758

Dwayne,

I've seen one similar issue on the 1000 ProII. Both the bypass and Ant2 LED come on when Ant2 is selected but it's connected to Ant2 OK. After some use that condition goes away and selecting Ant2 just turn on the Ant2 LED. I can characterize this further if it's of value. I assume the firmware on all the new tuners is either the same or at least based on the same package.

Gerry VE6LB

From: Dwayne
Sent: Friday, October 26, 2012 8:53 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: Ldg 600 pro autotuner issue

Rob,

We've seen more issues like this with the new code. Although we check it very thoroughly, we may have missed something.

We will be starting another round of tests next week to see what we can find.

Dwayne Kincaid
LDG

--- In mailto:LDG-auto-tuners%40yahoogroups.com, "mcyman" <mcyman@...> wrote:
>
> Follow up after changing the Processor chip in the AT-600 Pro.
>
> Thanks LDG for the new later date processor trying to resolve the,
> 600 from locking up!
>
> However the new processor did not fix my problem.
>
> I have a separate power supply connected to the AT600, when the power supply is first turned on, the AT-600 powers up ,LED power light comes on.
> I than press the AT600 power button, which turns off the AT-600 and by passes the AT600 to Ant 2.
>
> I than use my Kenwood TS-590 running about 100 watts, on SSB or CW for any period of time.
>
> I than decide to power up the AT600, by pressing the AT600 power.
>
> Nothing happens the AT600 will not respond and is LOCKED UP, the only way to bring the AT600 back to use is to unplug the Power COrd on the back of the AT600, and re insert the DC plug.

>
> Or I can turn off the AT=600 DC Power Supply and the turn it back on and again the AT600 powers up as it should, and WORKS, as it should!
>
> In my OPINION, I be-leave that when the AT600 is Powered OFF and RF is passing through the AT600, RF is causing the Processor to loose control of the Power Switch!
>
> I have read others have experienced this issue, and I am not sure how to correct the problem.
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>
> ROB N8RT
>
>
>
> --- In mailto:LDG-auto-tuners%40yahoogroups.com, "Dwayne" <ldgyahoo@> wrote:
> >
> > Vince or anyone else having this issue with an AT-600Pro or AT-1000ProII, please contact us directly with your mailing address. It seems that we may have had a batch of processors that does not like to be turned on and off a lot.
> >
> > We'll be happy to send you a new processor.
> >
> > Dwayne Kincaid
> > LDG
> >
> > --- In mailto:LDG-auto-tuners%40yahoogroups.com, Vince <k7na6@> wrote:
> > >
> > > As I indicated in my post a few weeks ago, I am experiencing exactly the same issue with my AT-1000ProII auto tuner. My current work around is that I have the tuner connected to a small 13.8 VDC power supply dedicated only for use with the tuner. When the tuner power button fails to operate, I reach over and flip the power supply off and back on, saving me having to physically remove the DC power cable from the back of the tuner.
> > > This issue appears to be systemic and appears to affect the 600Pro and the 1000ProII. I hope LDG will get to the bottom of it quickly and let us all know what is happening and how to resolve it.
> > >
> > > Vince
> > >
> >
>

[Non-text portions of this message have been removed]

5759. RE: [LDG-auto-tuners] Re: Wayback Machine for the AT-11

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-10-26 15:38:11 UTC
From: Bill Husted
Topic: 5725 Message: 5759

I agree - it is a huge plus.

Bill KQ4YA

-----Original Message-----
From: LDG-auto-tuners@yahoogroups.com
[mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Sam Rowe
Sent: Friday, October 26, 2012 10:34 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] Re: Wayback Machine for the AT-11

Thanks very much and again thanks for being on the LDG list. It is nice to
have someone from the company there to give us the 'real' answers.

KG9NG

On 10/26/2012 9:22 AM, Dwayne wrote:
>
> Ok Sam,
>
> You got the last one.
>
> Dwayne Kincaid
> LDG
>
> --- In LDG-auto-tuners@yahoogroups.com
> <mailto:LDG-auto-tuners%40yahoogroups.com>, Sam Rowe <kg9ng@...> wrote:
> >
> > On 10/22/2012 7:44 PM, Dwayne wrote:
> > >
> > > Dwayn, If you still have any of the boards left, I could use one.
> > > I still use the AT-11 in my camper and the audible signal would be
> > > a
> help.
> > >
> > Thanks & 73
> >
> > Sam Rowe, KG9NG
> > 2749 Commercial Ave
> > Madison WI 53704
> >
> >
> >
> >
> >
> >
> > > Hi All,

> > >
> > > If you have an AT-11 V2.5 board from the late 1998 to 2001
> time-frame,
> > > we have 10 SPK20 boards left over from this long-forgotten project.
> > > The SPK20 board added a number of audible beeps to the AT-11 to
> > > give you an audio indication of the final match that it found. 1
> > > beep was good, 5 beeps was worse.
> > >
> > > These boards are assembled, but missing the flat speaker, the
> > > LM386 chip, and the wires that goes to J4 on the AT-11 2.5 PCB.
> > >
> > > The unit uses a low pass filter and LM386 chip to provide the
> > > beeps from inside the enclosure once a tune has been completed.
> > > These only work on AT-11 units and only version 2.5 PC board.
> > >
> > > The first 10 people that respond on this list will get one and
> > > then they are gone forever.
> > >
> > > Dwayne Kincaid
> > > LDG
> > >
> > >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>

[Non-text portions of this message have been removed]

Yahoo! Groups Links

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.2742 / Virus Database: 2617/5855 - Release Date: 10/26/12

5760. Re: Ldg 600 pro autotuner issue

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-10-27 15:05:52 UTC
From: traburgess1945
Topic: 5659 Message: 5760

This is what I like about LDG; Dwayne and his company are extremely customer friendly and diligent in researching problems.
I had a recent problem with my Pro 600 and e-mailed LDG directly. It turns out that the problem, even though it resembled one in which I had to send the unit in for repairs, was simply something I missed in reading the manual.

Thanks Dwayne and LDG!

Travis
K5HTB

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
> Rob,
>
> We've seen more issues like this with the new code. Although we check it very thoroughly, we may have missed something.
>
> We will be starting another round of tests next week to see what we can find.
>
> Dwayne Kincaid
> LDG
>
> --- In LDG-auto-tuners@yahoogroups.com, "mcyman" <mcyman@> wrote:
> >
> > Follow up after changing the Processor chip in the AT-600 Pro.
> >
> > Thanks LDG for the new later date processor trying to resolve the,
> > 600 from locking up!
> >
> > However the new processor did not fix my problem.
> >
> > I have a separate power supply connected to the AT600, when the power supply is first turned on, the AT-600 powers up ,LED power light comes on.
> > I than press the AT600 power button, which turns off the AT-600 and by passes the AT600 to Ant 2.
> >
> > I than use my Kenwood TS-590 running about 100 watts, on SSB or CW for any period of time.
> >
> > I than decide to power up the AT600, by pressing the AT600 power.
> >
> > Nothing happens the AT600 will not respond and is LOCKED UP, the only way to bring the AT600 back to use is to unplug the Power COrd on the back of the AT600, and re insert the DC plug.

> >
> > Or I can turn off the AT=600 DC Power Supply and the turn it back on and again the AT600 powers up as it should, and WORKS, as it should!
> >
> > In my OPINION, I be-leave that when the AT600 is Powered OFF and RF is passing through the AT600, RF is causing the Processor to loose control of the Power Switch!
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> > I have read others have experienced this issue, and I am not sure how to correct the problem.
> > I am happy with the tuner except for this issue
> >
> > ROB N8RT
> >
> >
> >
> > --- In LDG-auto-tuners@...m, "Dwayne" <ldgyahoo@> wrote:
> > >
> > > Vince or anyone else having this issue with an AT-600Pro or AT-1000ProII, please contact us directly with your mailing address. It seems that we may have had a batch of processors that does not like to be turned on and off a lot.
> > >
> > > We'll be happy to send you a new processor.
> > >
> > > Dwayne Kincaid
> > > LDG
> > >
> > > --- In LDG-auto-tuners@yahoogroups.com, Vince <k7na6@> wrote:
> > > >
> > > > As I indicated in my post a few weeks ago, I am experiencing exactly the same issue with my AT-1000ProII auto tuner. My current work around is that I have the tuner connected to a small 13.8 VDC power supply dedicated only for use with the tuner. When the tuner power button fails to operate, I reach over and flip the power supply off and back on, saving me having to physically remove the DC power cable from the back of the tuner.
> > > > This issue appears to be systemic and appears to affect the 600Pro and the 1000ProII. I hope LDG will get to the bottom of it quickly and let us all know what is happening and how to resolve it.
> > > >
> > > > Vince
> > > >
> > >
> >
>

5762. LDG Z-817 MANPACK

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-11-05 04:04:36 UTC
From: grosseindienne
Topic: 5762 Message: 5762

LDG Z-817 MANPACK

Here:

http://www.youtube.com/watch?v=kT-yYF97AGY
<http://www.youtube.com/watch?v=kT-yYF97AGY>

[Non-text portions of this message have been removed]

5763. LDG 1000Pro 2

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-11-06 14:44:15 UTC
From: Denton
Topic: 5763 Message: 5763

Hi All,

Just a note to thank Dwayne for the after hours phone call Friday!

Dwayne helped with an issue i was having with the tuner.

Tunes fine now, just need the fix for power on issue.

thanks again LDG for the help

73

Herb, KD4Y

5764. LDG IT-100???

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-11-06 15:33:08 UTC
From: W3TLN
Topic: 5763 Message: 5764

This is an elementary question but please bear with me.

Have an LDG IT-100 connected to my IC-7000.

I use the "tuner" function on the 7000 to tune.

Does the "tune" indicator in the upper left corner of the LCD display have to be illuminated for the tuner to be in the circuit????

From what I see, even after I tune with the IT-100, if the "tune" indicator on the 7000 is off my SWR is high. With the "tune" light on the SWR is low.

-Tom, W3TLN

5765. Re: [LDG-auto-tuners] LDG 1000Pro 2

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-11-06 22:43:07 UTC
From: Gerry VE6LB
Topic: 5763 Message: 5765

Herb,

Would be nice to know what problem was fixed.

Gerry-VE6LB

Denton <dentonconnellan@...> wrote:

>Hi All,
>
>Just a note to thank Dwayne for the after hours phone call Friday!
>
>Dwayne helped with an issue i was having with the tuner.
>
>Tunes fine now, just need the fix for power on issue.
>
>thanks again LDG for the help
>
>
>73
>
>Herb, KD4Y

--
Sent from my Android phone.

[Non-text portions of this message have been removed]

5766. Z11pro2 Tune button problem

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-11-06 18:24:57 UTC
From: w7spy
Topic: 5766 Message: 5766

Hello... I have a new Z11pro11 tuner; My first auto-tuner. I began with the quick-start portion of the manual, but had to read it all soon. I'm having a problem with the TUNE button, I think. It doesn't seem to make contact uniformly each time pressed. Sometimes it doesn't respond to a brief contact to switch the tuner in and out.

Also, when I tune for SSB using CW tone, PSK31 tone, or whistle, the tuner eventually presents a solid green LED. But when transmitting voice the green LED flickers and often the yellow LED is flickering too. It appears the tuner has forgotten it's tune point and is hunting around while I'm talking. This doesn't seem correct. The green LED also remains solid while transmitting PSK31.

Thanks for your input. Doug W7SPY

5767. Ldg 600 pro autotuner issue

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-11-07 01:23:34 UTC
From: n3pzt
Topic: 5659 Message: 5767

Dwayne,

I got a new processor from you today, Nov 6, in the mail for my AT-600Pro. I'm also having all the same problems described in this thread and have tried all the "tricks" mentioned.

I swapped the processor and all the problems are still there. The
only good thing is it does tune all bands and I can safely use my Elecraft KPA500. I get it to the tune state by unplugging and replugging the power cord and, while all the SWR LEDs are flashing, hit the TUNE button once. The flashing stops and the two center PWR LEDs and two center SWR LEDs are now on. This is the auto mode. At this point none of the buttons work. I apply 10W drive on each band and it tunes between 1.0 - 1.5 SWR. It does save the tuned settings. The KPA500 in OPER mode functions properly. However, the AT-600 does not show PWR or SWR levels when I'm transmitting. The four center LEDs just stay constant. As long as I leave the AT-600 powered up it does what its supposed to do. It would be nice to have one where all the buttons/functions work.

Stewart WI3J

5768. Re: Ldg 600 pro autotuner issue

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-11-07 08:27:27 UTC
From: Dwayne
Topic: 5659 Message: 5768

Hi Stewart,

Sounds like it's not in the processor.

If the four center LEDs are coming on and staying one, the tuner thinks the tune button is pressed. It may be that you have a home made or bad interface cable. Let us know if you have an interface cable and what happens if you disconnect it.

Dwayne Kincaid
LDG

>
>
> Dwayne,
>
> I got a new processor from you today, Nov 6, in the mail for my AT-600Pro. I'm also having all the same problems described in this thread and have tried all the "tricks" mentioned.
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> I swapped the processor and all the problems are still there. The
> only good thing is it does tune all bands and I can safely use my Elecraft KPA500. I get it to the tune state by unplugging and replugging the power cord and, while all the SWR LEDs are flashing, hit the TUNE button once. The flashing stops and the two center PWR LEDs and two center SWR LEDs are now on. This is the auto mode. At this point none of the buttons work. I apply 10W drive on each band and it tunes between 1.0 - 1.5 SWR. It does save the tuned settings. The KPA500 in OPER mode functions properly. However, the AT-600 does not show PWR or SWR levels when I'm transmitting. The four center LEDs just stay constant. As long as I leave the AT-600 powered up it does what its supposed to do. It would be nice to have one where all the buttons/functions work.
>
> Stewart WI3J
>

5769. Ldg 600 pro autotuner issue

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-11-07 14:28:15 UTC
From: n3pzt
Topic: 5659 Message: 5769

Dwayne,

If you're referring to an optional Icom or Yaesu interface cable plugged into the RADIO jack on the back of the AT-600 I'm not using that. So you're saying it stays hung in the TUNE mode causing none of the buttons to work. The only way to unhang it is to disconnect and reconnect the power cord at which point we're back to the flashing SWR LEDs. I can turn it off with the POWER button when the SWR LEDs are flashing but I can't turn it on again with the POWER button.

For power I'm using a 12V DC 1A regulated wall wart.

Stewart WI3J

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
> Hi Stewart,
>
> Sounds like it's not in the processor.
>
> If the four center LEDs are coming on and staying one, the tuner thinks the tune button is pressed. It may be that you have a home made or bad interface cable. Let us know if you have an interface cable and what happens if you disconnect it.
>
> Dwayne Kincaid
> LDG
>
> > Dwayne,
> >
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> >
> > Stewart WI3J

5770. Ldg 600 pro autotuner issue

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-11-07 18:00:21 UTC
From: n3pzt
Topic: 5659 Message: 5770

Dwayne,

It may be possible the RADIO jack is defective. Using a magnifier I looked inside the jack and see two metal tabs, one on the left and one on the right, which would be the contacts for the tip and ring on the stereo plug from an interface cable. I'm not sure how these tabs should be positioned when no plug is in the jack. Looking closely at the left tab, and maybe the right tab, they may be contacting the bottom inside edge of the sleeve in the jack which would ground either of the tabs. If one or the other is grounded would that cause the 600 to hang in the TUNE mode? Can you test a known good RADIO jack and tell me the continuity of these two tabs and whether they should be open or closed to the sleeve. Maybe the fix would be replacing the RADIO jack but I'm not going to pull it off the board just yet. Thanks.

Stewart WI3J

--- In LDG-auto-tuners@yahoogroups.com, "n3pzt" <n3pzt@...> wrote:
>
> Dwayne,
>
> If you're referring to an optional Icom or Yaesu interface cable plugged into the RADIO jack on the back of the AT-600 I'm not using that. So you're saying it stays hung in the TUNE mode causing none of the buttons to work. The only way to unhang it is to disconnect and reconnect the power cord at which point we're back to the flashing SWR LEDs. I can turn it off with the POWER button when the SWR LEDs are flashing but I can't turn it on again with the POWER button.
>
> For power I'm using a 12V DC 1A regulated wall wart.
>
> Stewart WI3J
>
> --- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@> wrote:
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> > Hi Stewart,
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> > If the four center LEDs are coming on and staying one, the tuner thinks the tune button is pressed. It may be that you have a home made or bad interface cable. Let us know if you have an interface cable and what happens if you disconnect it.
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> > Dwayne Kincaid
> > LDG
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> > >
> > > I swapped the processor and all the problems are still there. The only good thing is it does tune all bands and I can safely use my Elecraft KPA500. I get it to the tune state by unplugging and replugging the power cord and, while all the SWR LEDs are flashing, hit the TUNE button once. The flashing stops and the two center PWR LEDs and two center SWR LEDs are now on. This is the auto mode. At this point none of the buttons work. I apply 10W drive on each band and it tunes between 1.0 - 1.5 SWR. It does save the tuned settings. The KPA500 in OPER mode functions properly. However, the AT-600 does not show PWR or SWR levels when I'm transmitting. The four center LEDs just stay constant. As long as I leave the AT-600 powered up it does what its supposed to do. It would be nice to have one where all the buttons/functions work.
> > >
> > > Stewart WI3J

5771. Re: Ldg 600 pro autotuner issue

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-11-07 19:39:39 UTC
From: Dwayne
Topic: 5659 Message: 5771

Stewart,

I doubt it's the jack if you are are not using an interface cable. Look at the interface app note on our support page.

The jack tune signal is electrically tied to the tune switch. So it could be any place from the physical push button on the front panel, through the front panel PC board, through the ribbon cable to the main board, and to the processor.

We've seen a handful over a decade or so get a loose ribbon cable during shipping. I'd try taking the lid off and inspecting the ribbon cable while visually watching the front panel LEDs (no RF will be needed).

If that's not there, it may need to be sent back.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "n3pzt" <n3pzt@...> wrote:
>
>
>
> Dwayne,
>
> It may be possible the RADIO jack is defective. Using a magnifier I looked inside the jack and see two metal tabs, one on the left and one on the right, which would be the contacts for the tip and ring on the stereo plug from an interface cable. I'm not sure how these tabs should be positioned when no plug is in the jack. Looking closely at the left tab, and maybe the right tab, they may be contacting the bottom inside edge of the sleeve in the jack which would ground either of the tabs. If one or the other is grounded would that cause the 600 to hang in the TUNE mode? Can you test a known good RADIO jack and tell me the continuity of these two tabs and whether they should be open or closed to the sleeve. Maybe the fix would be replacing the RADIO jack but I'm not going to pull it off the board just yet. Thanks.
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> Stewart WI3J
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> --- In LDG-auto-tuners@yahoogroups.com, "n3pzt" <n3pzt@> wrote:
> >
> > Dwayne,
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> >
> > For power I'm using a 12V DC 1A regulated wall wart.
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> > --- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@> wrote:
> > >
> > > Hi Stewart,
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> > > Sounds like it's not in the processor.
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> > > Dwayne Kincaid
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> > > > Dwayne,
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> > > >
> > > > Stewart WI3J
> >

5772. Re: LDG 1000Pro 2

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-11-07 19:41:52 UTC
From: VE6LB
Topic: 5763 Message: 5772

From: Wes Elton
Sent: Wednesday, November 07, 2012 5:03 AM
To: ve6lb@telus.net
Subject: Re: LDG 1000Pro 2

Hi Doug,

I also have the pro2 and can answer the second part of your question: The green led only illuminates when RF is present hence in CW or SSB, where the RF is intermittent, the led will flash in sympathy whereas on PSK(steady carrier) it will stay on during transmit periods.

The yellow led tells me that you have set, or the default level for the SWR threshold is set to a nominal 1.5-1.8. The swr figure can be pre-set and the manual will help you to sort that.

The” Tune” button issue could be that you are not holding the button in for long enough. The manual calls for a momentary press for one type of operation and a longer (up to three seconds I think) in order to force a different action. Here again the manual will be of help.

The bottom line is that I don’t believe that the tuner has a fault and when you’ve sorted these minor issues, if it works as well for you as it does for me, you will be more than pleased with it.

A final point. From my experience you will not find a better service response than you will receive from LDG. They are first class, going out of their way to help me with a warranty problem I had here in Spain.

Hope this helps .

73,

Wes

EA5/GW3RIH.

[Non-text portions of this message have been removed]

5773. Ldg 600 pro autotuner issue

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-11-07 21:05:21 UTC
From: n3pzt
Topic: 5659 Message: 5773

Dwayne,

Problem solved. I removed the lid and plugged in the power cord. While powered up I disconnected one end of the ribbon cable from the PC board and reconnected it. All buttons/functions are now working. Possibly this synced the front panel board with the PC board and processor. I guess you could call this a hard reset. Others might want to try this for their hangup/lockup issues.

Stewart WI3J

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> I doubt it's the jack if you are are not using an interface cable. Look at the interface app note on our support page.
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> The jack tune signal is electrically tied to the tune switch. So it could be any place from the physical push button on the front panel, through the front panel PC board, through the ribbon cable to the main board, and to the processor.
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> We've seen a handful over a decade or so get a loose ribbon cable during shipping. I'd try taking the lid off and inspecting the ribbon cable while visually watching the front panel LEDs (no RF will be needed).
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5774. LDG 1000Pro 2

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-11-07 21:47:29 UTC
From: Denton
Topic: 5763 Message: 5774

Hi All,

During the contest my Tuner stopped tuning, I had to disconnect from the power,restart tuner, then re-tune into a dummy load. Seems i had tuned to much L on 10 meters.
After going to each band,tuning, all is well. the antenna is a G5RV.

The Power switch problem i'm having happens when i turn off the external power supply. When PS is turned on then pushing power switch on tuner, she lights up however, nothing happens. I have to turn off the power switch on the tuner then turn on again, after the "Double" start, works fine.

Thanks

Herb/KD4Y

5775. Re: Ldg 600 pro autotuner issue

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-11-07 22:37:14 UTC
From: Dwayne
Topic: 5659 Message: 5775

Stewart,

Glad that took care of it. The connection to the Tune switch through the ribbon cable is electro-mechanical, so it looks like it may have come loose during shipping.

Dwayne Kincaid

--- In LDG-auto-tuners@yahoogroups.com, "n3pzt" <n3pzt@...> wrote:
>
>
>
> Dwayne,
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> Problem solved. I removed the lid and plugged in the power cord. While powered up I disconnected one end of the ribbon cable from the PC board and reconnected it. All buttons/functions are now working. Possibly this synced the front panel board with the PC board and processor. I guess you could call this a hard reset. Others might want to try this for their hangup/lockup issues.
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5776. Re: [LDG-auto-tuners] Ldg 600 pro autotuner issue

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-11-07 23:22:48 UTC
From: Bill Aycock
Topic: 5659 Message: 5776

In other words, Dwayne got it right again!
Bill--W4BSG

-----Original Message-----
From: n3pzt
Sent: Wednesday, November 07, 2012 3:05 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Ldg 600 pro autotuner issue

Dwayne,

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Yahoo! Groups Links

5777. Ldg 600 pro autotuner issue

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-11-09 15:57:49 UTC
From: n3pzt
Topic: 5659 Message: 5777

Dwayne,

Almost. Here's the latest. I can toggle the power on/off all day long and all buttons/functions work. However, when the 600 sits overnight, with the power cord connected, here's what happens.

1) If I left it turned off overnight it won't turn on.
2) If I left it turned on overnight it will turn off but won't turn on again.

If I disconnect/reconnect the power cord I'm back to the flashing SWR LEDs. I have to remove the lid and disconnect/reconnect the ribbon cable to get it back to working properly. Tonight I'm going to leave it turned on and see if the buttons/functions work in the morning and not touch the power button. It seems some component goes wacky when it sits overnight.

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> From: n3pzt
> Sent: Wednesday, November 07, 2012 3:05 PM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: [LDG-auto-tuners] Ldg 600 pro autotuner issue
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5778. Re: [LDG-auto-tuners] Ldg 600 pro autotuner issue

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-11-09 16:38:11 UTC
From: doug pfaff
Topic: 5659 Message: 5778

Has anyone checked the purity of the DC from the external power wall wart to ensure EMI is not the issue.

Was the design of the LDG tuner based on using an external supply seems like the symptoms sound suspiciously emi interference.

Has anyone sent LDG the actual snapshot of what the scope image looks like.

Realizing anything from soup to nuts could be much different than the lab grade power supplies used on the test bench.

the loose ribbon cable should only impact the initial startup a.after receipt from being shipped.
Dwayne what is different in the design from say the kt 100 series Ive seen no issues of turn on is the power more pure after powering from the transceiver

Doug ve5dcp

----- Original Message -----
From: n3pzt
To: LDG-auto-tuners@yahoogroups.com
Sent: Friday, November 09, 2012 7:57 AM
Subject: [LDG-auto-tuners] Ldg 600 pro autotuner issue

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> > LDG
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> > > > > > Stewart WI3J

Doug Pfaff
doug.pfaff@...

[Non-text portions of this message have been removed]

5779. Re: Ldg 600 pro autotuner issue

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-11-09 17:13:20 UTC
From: Dwayne
Topic: 5659 Message: 5779

Hi Stewart,

Thanks for the additional information. We're doing an on-going investigation with several units with similar symptoms.

We have several units current on a bench that stays plugged in 24 hours per day and we've been turning them on and off at random times including overnight.

So far, we've not been able to duplicate any problems, but that does not mean they are not there.

As of today (but that could change), we're leaning towards power supply differences. All LDG tuners are designed and tested on exactly the same laboratory style power supplies, so other supplies may produce other results.

I think this will be going on for a while. The first symptoms just started showing up a couple of months ago even through we've been shipping the same products for a couple of years.

This may be a tricky one to solve.

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> > Bill--W4BSG
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> > From: n3pzt
> > Sent: Wednesday, November 07, 2012 3:05 PM
> > To: LDG-auto-tuners@yahoogroups.com
> > Subject: [LDG-auto-tuners] Ldg 600 pro autotuner issue
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5780. Re: Ldg 600 pro autotuner issue

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-11-09 17:27:19 UTC
From: Dwayne
Topic: 5659 Message: 5780

Hi Doug,

The main difference for you is you would not be able to turn your tuner on or off as it's powered from the radio. So you get a hard reset every time you turn the radio on.

The tuners with on/off buttons put the tuner into an on or soft-off mode. In soft-off, almost everything is off and the processor is in sleep mode. The processor only wakes from an interrupt caused by the power button being pressed. It then processes the power on sequence.

We've been doing it like this for many years. We also thought at one time it was a chip run issue that had an interrupt problem, but have since eliminated that direction.

Its an odd problem. Same HW and SW we've used for years, but can't duplicate it on the bench.

Dwayne Kincaid

--- In LDG-auto-tuners@yahoogroups.com, "doug pfaff" <doug.pfaff@...> wrote:
>
> Has anyone checked the purity of the DC from the external power wall wart to ensure EMI is not the issue.
>
> Was the design of the LDG tuner based on using an external supply seems like the symptoms sound suspiciously emi interference.
>
> Has anyone sent LDG the actual snapshot of what the scope image looks like.
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> Realizing anything from soup to nuts could be much different than the lab grade power supplies used on the test bench.
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> the loose ribbon cable should only impact the initial startup a.after receipt from being shipped.
> Dwayne what is different in the design from say the kt 100 series Ive seen no issues of turn on is the power more pure after powering from the transceiver
>
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>
>

5781. Z100 Plus (Raising the SWR lower limit for memory storage?)

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-11-09 17:17:28 UTC
From: KHLT
Topic: 5659 Message: 5781

Hi,
Is there anyway way I can increase the lower limit of SWR for frequencies allocated to memory? Just that I have a 1.4:1 (measured on a couple of different meters) on 18m that should be allocated to memory bit it's not..

Is it possible to just lower the setting slightly at the REV TP (is it still TP1/R23 like on the original Z100) would mean that the measured SWR will be lower than actual SWR and more than likely to be stored?

Thanks in advance for any help
Kymmy

5782. Ldg 600 pro autotuner issue

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-11-09 17:39:05 UTC
From: n3pzt
Topic: 5659 Message: 5782

Doug,

You gave me an idea. Many AC adapters, such as those for laptops, have a molded ferrite core near the plug to the laptop. Even though my 600 works properly all day long, in the evenings, I'm on my Icom 2200H running up to 65W analog and DStar and I'm on other PCs and laptops. It's possible EMI from one of these devices is getting into the 600 since the cord from the wall wart doesn't have a molded ferrite core. So, I added a snap on ferrite core near the plug to the 600. We'll see if this solves the problem. I've cleared up other problems around the shack with these snap on ferrite cores.

Stewart WI3J

--- In LDG-auto-tuners@yahoogroups.com, "doug pfaff" <doug.pfaff@...> wrote:
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> ----- Original Message -----
> From: n3pzt
> To: LDG-auto-tuners@yahoogroups.com
> Sent: Friday, November 09, 2012 7:57 AM
> Subject: [LDG-auto-tuners] Ldg 600 pro autotuner issue
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> If I disconnect/reconnect the power cord I'm back to the flashing SWR LEDs. I have to remove the lid and disconnect/reconnect the ribbon cable to get it back to working properly. Tonight I'm going to leave it turned on and see if the buttons/functions work in the morning and not touch the power button. It seems some component goes wacky when it sits overnight.
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5783. Re: Z100 Plus (Raising the SWR lower limit for memory storage?)

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-11-09 18:37:33 UTC
From: Dwayne
Topic: 5659 Message: 5783

Kymmy,

Yes, that should work. You'll have to play with it to get it exactly where you want it as it will mess up the internal calculation. But R23 should be proportional to the save threshold level.

The risk is that you go too far and the tuner thinks the SWR is lower on other bands. That may effect tuning quality.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, KHLT <mailinglists@...> wrote:
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5784. Re: [LDG-auto-tuners] Re: Ldg 600 pro autotuner issue

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-11-10 01:30:57 UTC
From: doug pfaff
Topic: 5659 Message: 5784

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From: Dwayne
To: LDG-auto-tuners@yahoogroups.com
Sent: Friday, November 09, 2012 9:13 AM
Subject: [LDG-auto-tuners] Re: Ldg 600 pro autotuner issue

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> > In other words, Dwayne got it right again!
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> > -----Original Message-----
> > From: n3pzt
> > Sent: Wednesday, November 07, 2012 3:05 PM
> > To: LDG-auto-tuners@yahoogroups.com
> > Subject: [LDG-auto-tuners] Ldg 600 pro autotuner issue
> >
> > Dwayne,
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> > Problem solved. I removed the lid and plugged in the power cord. While
> > powered up I disconnected one end of the ribbon cable from the PC board and
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> > > > > > > Stewart WI3J
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Doug Pfaff
doug.pfaff@...

[Non-text portions of this message have been removed]

5785. Re: [LDG-auto-tuners] Re: Ldg 600 pro autotuner issue

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-11-10 04:19:10 UTC
From: Gerry VE6LB
Topic: 5659 Message: 5785

Or the 1000pro2 with 800

Gerry. Ve6lb

doug pfaff <doug.pfaff@...> wrote:

>Has anyone checked the purity of the DC from the external power wall
>wart to ensure EMI is not the issue.
>
>Was the design of the LDG tuner based on using an external supply seems
>like the symptoms sound suspiciously emi interference.
>
>Has anyone sent LDG the actual snapshot of what the scope image looks
>like.
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>Realizing anything from soup to nuts could be much different than the
>lab grade power supplies used on the test bench.
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>the loose ribbon cable should only impact the initial startup a.after
>receipt from being shipped.
>Dwayne what is different in the design from say the kt 100 series Ive
>seen no issues of turn on is the power more pure after powering from
>the transceiver
>
>Doug ve5dcp
>
> ----- Original Message -----
> From: Dwayne
> To: LDG-auto-tuners@yahoogroups.com
> Sent: Friday, November 09, 2012 9:13 AM
> Subject: [LDG-auto-tuners] Re: Ldg 600 pro autotuner issue
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> Hi Stewart,
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>Thanks for the additional information. We're doing an on-going
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>We have several units current on a bench that stays plugged in 24 hours
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>including overnight.
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>So far, we've not been able to duplicate any problems, but that does
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>As of today (but that could change), we're leaning towards power supply
>differences. All LDG tuners are designed and tested on exactly the same
>laboratory style power supplies, so other supplies may produce other
>results.
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>I think this will be going on for a while. The first symptoms just
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>
>
>

>
>Doug Pfaff
>doug.pfaff@...
>
>[Non-text portions of this message have been removed]

--
Sent from my Android phone.

[Non-text portions of this message have been removed]

5786. Re: [LDG-auto-tuners] Re: Z100 Plus (Raising the SWR lower limit for memory storage?)

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-11-10 07:59:49 UTC
From: KHLT
Topic: 5659 Message: 5786

ThanX Dwayne for the confirmation. I'll first take some initial readings
so I know I can reinstate the current setting if needed. I'm not looking
at drastic changes but to just raise that limit ever so slightly as the
constant need for a retune with a 1.4:1 reading is out of specs and a
bit tedious.

It does make a refreshing change when a company helps it's customers
instead of just repeating a company line of "warranty voided if opened" :D

Kymmy
G7KGT

On 09/11/2012 18:37, Dwayne wrote:
> Kymmy,
>
> Yes, that should work. You'll have to play with it to get it exactly where you want it as it will mess up the internal calculation. But R23 should be proportional to the save threshold level.
>
> The risk is that you go too far and the tuner thinks the SWR is lower on other bands. That may effect tuning quality.
>
> Dwayne Kincaid
> LDG
>
> --- In LDG-auto-tuners@yahoogroups.com, KHLT <mailinglists@...> wrote:
>> Hi,
>> Is there anyway way I can increase the lower limit of SWR for
>> frequencies allocated to memory? Just that I have a 1.4:1 (measured on a
>> couple of different meters) on 18m that should be allocated to memory
>> bit it's not..
>>
>> Is it possible to just lower the setting slightly at the REV TP (is it
>> still TP1/R23 like on the original Z100) would mean that the measured
>> SWR will be lower than actual SWR and more than likely to be stored?
>>
>> Thanks in advance for any help
>> Kymmy
>>

5787. 897 Plus Firmware

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-11-10 17:52:20 UTC
From: dmaley88
Topic: 5787 Message: 5787

Checking to see what the current firmware version is on the LDG897 plus and is it marked on the controller chip?

Dave
WA0ZZG

5788. Ldg 600 pro autotuner issue

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-11-11 14:49:34 UTC
From: n3pzt
Topic: 5659 Message: 5788

Dwayne,

Well, the problem was the 12VDC 1A wall wart. I hooked up one of my 13.8VDC 3/5A regulated power supplies and all of the problems are gone. I can turn off the 600 and PS in the evening and the next morning turn on the PS and 600 and all buttons/functions work. So, I guess a word to the wise is don't use a wall wart. Lesson learned.

Stewart WI3J

--- In LDG-auto-tuners@yahoogroups.com, Gerry VE6LB <ve6lb@...> wrote:
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> Or the 1000pro2 with 800
>
> Gerry. Ve6lb
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> doug pfaff <doug.pfaff@...> wrote:
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> >Has anyone checked the purity of the DC from the external power wall
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> > Sent: Friday, November 09, 2012 9:13 AM
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> > > > > > > > Stewart WI3J
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> >> > > > --- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@>

> >wrote:
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> > > > > > > > thread and have tried all the "tricks" mentioned.
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5789. Re: Ldg 600 pro autotuner issue

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-11-11 21:16:36 UTC
From: Dwayne
Topic: 5659 Message: 5789

Stewart,

Thanks for the info. Glad it's now working.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "n3pzt" <n3pzt@...> wrote:
>
>
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> Dwayne,
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> Well, the problem was the 12VDC 1A wall wart. I hooked up one of my 13.8VDC 3/5A regulated power supplies and all of the problems are gone. I can turn off the 600 and PS in the evening and the next morning turn on the PS and 600 and all buttons/functions work. So, I guess a word to the wise is don't use a wall wart. Lesson learned.
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> > >receipt from being shipped.
> > >Dwayne what is different in the design from say the kt 100 series Ive
> > >seen no issues of turn on is the power more pure after powering from
> > >the transceiver
> > >

> > >Doug ve5dcp
> > >
> > > ----- Original Message -----
> > > From: Dwayne
> > > To: LDG-auto-tuners@yahoogroups.com
> > > Sent: Friday, November 09, 2012 9:13 AM
> > > Subject: [LDG-auto-tuners] Re: Ldg 600 pro autotuner issue
> > >
> > > Hi Stewart,
> > >
> > >Thanks for the additional information. We're doing an on-going
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> > > > > -----Original Message-----
> > > > > From: n3pzt
> > > > > Sent: Wednesday, November 07, 2012 3:05 PM
> > > > > To: LDG-auto-tuners@yahoogroups.com
> > > > > Subject: [LDG-auto-tuners] Ldg 600 pro autotuner issue
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5790. Re: Ldg 600 pro autotuner issue

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-11-12 12:28:37 UTC
From: mcyman
Topic: 5659 Message: 5790

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
> Stewart,
>
> Thanks for the info. Glad it's now working.
>
> Dwayne Kincaid
>

Stewart WI3JLDG

Hello Stewart,

I was wondering if you could connect back up the wall wart and than unplug the Wall Wart PS, overnight to see if you can get the same good results?

Since the wall wart, was never turned off and was always applying DC power to the LDG tuner, the issue may very well be something else!

I am still having issues with my LDG600, locking up and not responding to any of the push buttons, unless I unplug the DC power cord to the AT600 , and than plug it back up, all returns to normal,
I am using an external Power Supply, not a wall wart.

rob n8rt

>
> --- In LDG-auto-tuners@yahoogroups.com, "n3pzt" <n3pzt@> wrote:
> >
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> > Dwayne,
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> > > > > > > > > > > cable and what happens if you disconnect it.
> > > > > > > > > > >
> > > > > > > > > > > Dwayne Kincaid
> > > > > > > > > > > LDG
> > > > > > > > > > >
> > > > > > > > > > > > Dwayne,
> > > > > > > > > > >
> > > >> > > > > > > I got a new processor from you today, Nov 6, in the mail

> > > >for my
> > > >> > > > > > > AT-600Pro. I'm also having all the same problems
> > > >described in this
> > > > > > > > > > > > thread and have tried all the "tricks" mentioned.
> > > > > > > > > > > > >
> > > >> > > > > > > I swapped the processor and all the problems are still
> > > >there. The
> > > >> > > > > > > only good thing is it does tune all bands and I can
> > > >safely use my
> > > >> > > > > > > Elecraft KPA500. I get it to the tune state by unplugging
> > > >and
> > > >> > > > > > > replugging the power cord and, while all the SWR LEDs are
> > > >
> > > >> > > > > > > flashing, hit the TUNE button once. The flashing stops
> > > >and the two
> > > >> > > > > > > center PWR LEDs and two center SWR LEDs are now on. This
> > > >is the
> > > >> > > > > > > auto mode. At this point none of the buttons work. I
> > > >apply 10W
> > > >> > > > > > > drive on each band and it tunes between 1.0 - 1.5 SWR. It
> > > >does
> > > >> > > > > > > save the tuned settings. The KPA500 in OPER mode
> > > >functions
> > > >> > > > > > > properly. However, the AT-600 does not show PWR or SWR
> > > >levels when
> > > >> > > > > > > I'm transmitting. The four center LEDs just stay
> > > >constant. As long
> > > >> > > > > > > as I leave the AT-600 powered up it does what its
> > > >supposed to do.
> > > >> > > > > > > It would be nice to have one where all the
> > > >buttons/functions work.
> > > > > > > > > > > > >
> > > > > > > > > > > > > Stewart WI3J
> >
>

5791. Re: [LDG-auto-tuners] Re: Ldg 600 pro autotuner issue

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-11-12 12:36:21 UTC
From: Joe
Topic: 5659 Message: 5791

On 11/12/2012 7:28 AM, mcyman wrote:
> I am still having issues with my LDG600, locking up and not responding
> to any of the push buttons, unless I unplug the DC power cord to the
> AT600 , and than plug it back up, all returns to normal, I am using an
> external Power Supply, not a wall wart. rob n8rt
Are you using the same PS that you transmitter is using? If so, did you
try powering it from a separate PS? It may be RF on the DC lines?

73, Joe, K1ike

5792. Re: [LDG-auto-tuners] Re: Ldg 600 pro autotuner issue

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-11-12 14:28:22 UTC
From: doug pfaff
Topic: 5659 Message: 5792

Joe

As I had suggested earlier don't use a wall wart due to emi issues

Here is confirmation by somebody who has substituted a good power supply on the external jack

Doug ve5dcp

Dwayne,

Well, the problem was the 12VDC 1A wall wart. I hooked up one of my 13.8VDC 3/5A regulated power supplies and all of the problems are gone. I can turn off the 600 and PS in the evening and the next morning turn on the PS and 600 and all buttons/functions work. So, I guess a word to the wise is don't use a wall wart. Lesson learned.

Stewart WI3J

----- Original Message -----
From: Joe
To: LDG-auto-tuners@yahoogroups.com
Sent: Monday, November 12, 2012 4:36 AM
Subject: Re: [LDG-auto-tuners] Re: Ldg 600 pro autotuner issue

On 11/12/2012 7:28 AM, mcyman wrote:
> I am still having issues with my LDG600, locking up and not responding
> to any of the push buttons, unless I unplug the DC power cord to the
> AT600 , and than plug it back up, all returns to normal, I am using an
> external Power Supply, not a wall wart. rob n8rt
Are you using the same PS that you transmitter is using? If so, did you
try powering it from a separate PS? It may be RF on the DC lines?

73, Joe, K1ike

Doug Pfaff
doug.pfaff@...

[Non-text portions of this message have been removed]

5793. Re: Ldg 600 pro autotuner issue

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-11-12 15:20:34 UTC
From: Vince
Topic: 5659 Message: 5793

I have been experiencing exactly the same lock up issues with my AT-1000ProII and over the past several months I've tried three different power supplies, including a 12vdc wall wart, and two linear transformer-type DC power supplies replete with toroid filtering of the DC power cables. I have come to the same conclusion: use of a wall wart, which always presents 12vdc to the back of the tuner, results in lock up issues.
So, I have abandoned the more convenient wall wart in favor of my Astron RS-35A station power supply, which I shut down after turning off my equipment for the evening. In this way, power is completely removed from the AT-1000ProII, evidently allowing the tuner processor to do a hard reboot the next time it is cycled on.
It seems to me that the tuner on-off button should not allow a "soft" shut down, but instead completely remove all power from the tuner so that wall wart power supplies can be utilized. Clearly, right now that is not the case and should be so noted in the operator's instruction manual that accompanies the product.

Vince K7NA

5794. Re: [LDG-auto-tuners] Re: Ldg 600 pro autotuner issue

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-11-12 15:25:29 UTC
From: Joe
Topic: 5659 Message: 5794

On 11/12/2012 9:28 AM, doug pfaff wrote:
> Joe
>
> As I had suggested earlier don't use a wall wart due to emi issues
>
Hi Doug,

The gentleman with the problem stated that he was not using a wall wart. He said "I am using an external Power Supply, not a wall wart." I was suggesting that he try a separate power supply if he was using the same one for both the radio and the tuner.

73, Joe, K1ike

5795. AT-11MP 1.6 Upgrade

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-11-14 19:19:56 UTC
From: martin.fenelon@ymail.com
Topic: 5795 Message: 5795

Hello,

Just managed to get hold of a mint AT-11MP via a well known auction site. Thought I'd found an upgrade too but the money has been refunded :-(Does anyone know of any other stockists of the 1.6 CPU upgrade or have one available for sale?

Kind regards.

Martin Fenelon.

5796. Ldg 600 pro autotuner issue

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-11-16 19:14:09 UTC
From: n3pzt
Topic: 5659 Message: 5796

Rob,

Yes, I did try leaving the wall wart unplugged overnight and plugging it back in in the morning. The 600 powered up immediately with all the SWR LEDs flashing. None of the buttons/functions worked. I could turn the 600 off with the POWER button but it wouldn't turn on again. Bottom line, the wall wart is bad news. Since I switched to a dedicated 13.8VDC 3/5A transformer PS the 600 works perfectly. When I'm done for the day I turn the 600 off with the POWER button and switch off the PS. In the morning I turn on the PS and hit the POWER button on the 600. All is well.

Stewart WI3J

> --- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@> wrote:
> >
> > Stewart,
> >
> > Thanks for the info. Glad it's now working.
> >
> > Dwayne Kincaid
>
> Hello Stewart,
>
> I was wondering if you could connect back up the wall wart and than unplug the Wall Wart PS, overnight to see if you can get the same good results?
>
> Since the wall wart, was never turned off and was always applying DC power to the LDG tuner, the issue may very well be something else!
>
> I am still having issues with my LDG600, locking up and not responding to any of the push buttons, unless I unplug the DC power cord to the AT600 , and than plug it back up, all returns to normal,
> I am using an external Power Supply, not a wall wart.
>
> rob n8rt
>
> > --- In LDG-auto-tuners@yahoogroups.com, "n3pzt" <n3pzt@> wrote:
> > >
> > > Dwayne,
> > >
> > > Well, the problem was the 12VDC 1A wall wart. I hooked up one of my 13.8VDC 3/5A regulated power supplies and all of the problems are gone. I can turn off the 600 and PS in the evening and the next morning turn on the PS and 600 and all buttons/functions work. So, I guess a word to the wise is don't use a wall wart. Lesson learned.
> > >
> > > Stewart WI3J
> > >

> > > --- In LDG-auto-tuners@yahoogroups.com, Gerry VE6LB <ve6lb@> wrote:
> > > >
> > > > Or the 1000pro2 with 800
> > > >
> > > > Gerry. Ve6lb
> > > >
> > > > doug pfaff <doug.pfaff@> wrote:
> > > >
> > > > >Has anyone checked the purity of the DC from the external power wall
> > > > >wart to ensure EMI is not the issue.
> > > > >
> > > > >Was the design of the LDG tuner based on using an external supply seems
> > > > >like the symptoms sound suspiciously emi interference.
> > > > >
> > > > >Has anyone sent LDG the actual snapshot of what the scope image looks
> > > > >like.
> > > > >
> > > > >Realizing anything from soup to nuts could be much different than the
> > > > >lab grade power supplies used on the test bench.
> > > > >
> > > > >the loose ribbon cable should only impact the initial startup a.after
> > > > >receipt from being shipped.
> > > > >Dwayne what is different in the design from say the kt 100 series Ive
> > > > >seen no issues of turn on is the power more pure after powering from
> > > > >the transceiver
> > > > >
> > > > >Doug ve5dcp
> > > > >
> > > > > ----- Original Message -----
> > > > > From: Dwayne
> > > > > To: LDG-auto-tuners@yahoogroups.com
> > > > > Sent: Friday, November 09, 2012 9:13 AM
> > > > > Subject: [LDG-auto-tuners] Re: Ldg 600 pro autotuner issue
> > > > >
> > > > > Hi Stewart,
> > > > >
> > > > >Thanks for the additional information. We're doing an on-going
> > > > >investigation with several units with similar symptoms.
> > > > >
> > > > >We have several units current on a bench that stays plugged in 24 hours
> > > > >per day and we've been turning them on and off at random times
> > > > >including overnight.
> > > > >
> > > > >So far, we've not been able to duplicate any problems, but that does
> > > > >not mean they are not there.
> > > > >
> > > > >As of today (but that could change), we're leaning towards power supply
> > > > >differences. All LDG tuners are designed and tested on exactly the same
> > > > >laboratory style power supplies, so other supplies may produce other
> > > > >results.

> > > > >
> > > > >I think this will be going on for a while. The first symptoms just
> > > > >started showing up a couple of months ago even through we've been
> > > > >shipping the same products for a couple of years.
> > > > > >
> > > > > > This may be a tricky one to solve.
> > > > > >
> > > > > > Dwayne Kincaid
> > > > > >
> > > > > > --- In LDG-auto-tuners@yahoogroups.com, "n3pzt" <n3pzt@> wrote:
> > > > > > >
> > > > > > > Dwayne,
> > > > > > >
> > > > >> Almost. Here's the latest. I can toggle the power on/off all day long
> > > > >and all buttons/functions work. However, when the 600 sits overnight,
> > > > >with the power cord connected, here's what happens.
> > > > > > >
> > > > > > > 1) If I left it turned off overnight it won't turn on.
> > > > >> 2) If I left it turned on overnight it will turn off but won't turn
> > > > >on again.
> > > > > > >
> > > > >> If I disconnect/reconnect the power cord I'm back to the flashing SWR
> > > > >LEDs. I have to remove the lid and disconnect/reconnect the ribbon
> > > > >cable to get it back to working properly. Tonight I'm going to leave it
> > > > >turned on and see if the buttons/functions work in the morning and not
> > > > >touch the power button. It seems some component goes wacky when it sits
> > > > >overnight.
> > > > > > >
> > > > > > > Stewart WI3J
> > > > > > >
> > > > >> --- In LDG-auto-tuners@yahoogroups.com, "Bill Aycock" <billaycock@>
> > > > >wrote:
> > > > > > > >
> > > > > > > > In other words, Dwayne got it right again!
> > > > > > > > Bill--W4BSG
> > > > > > > >
> > > > > > > > -----Original Message-----
> > > > > > > > From: n3pzt
> > > > > > > > Sent: Wednesday, November 07, 2012 3:05 PM
> > > > > > > > To: LDG-auto-tuners@yahoogroups.com
> > > > > > > > Subject: [LDG-auto-tuners] Ldg 600 pro autotuner issue
> > > > > > > >
> > > > > > > > Dwayne,
> > > > > > > >
> > > > >> > Problem solved. I removed the lid and plugged in the power cord.
> > > > >While
> > > > >> > powered up I disconnected one end of the ribbon cable from the PC
> > > > >board and
> > > > >> > reconnected it. All buttons/functions are now working. Possibly
> > > > >this synced

> > > > >> > the front panel board with the PC board and processor. I guess you
> > > > >could
> > > > > > > call this a hard reset. Others might want to try this for their
> > > > > > > hangup/lockup issues.
> > > > > > > >
> > > > > > > Stewart WI3J
> > > > > > > >
> > > > >> > --- In LDG-auto-tuners@...m, "Dwayne" <ldgyahoo@> wrote:
> > > > > > > > >
> > > > > > > Stewart,
> > > > > > > > >
> > > > >> > I doubt it's the jack if you are are not using an interface
> > > > >cable. Look at
> > > > > > > the interface app note on our support page.
> > > > > > > > >
> > > > >> > The jack tune signal is electrically tied to the tune switch. So
> > > > >it could
> > > > >> > be any place from the physical push button on the front panel,
> > > > >through the
> > > > >> > front panel PC board, through the ribbon cable to the main board,
> > > > >and to
> > > > > > > the processor.
> > > > > > > > >
> > > > >> > We've seen a handful over a decade or so get a loose ribbon cable
> > > > >during
> > > > >> > shipping. I'd try taking the lid off and inspecting the ribbon
> > > > >cable while
> > > > > > > visually watching the front panel LEDs (no RF will be needed).
> > > > > > > > >
> > > > > > > If that's not there, it may need to be sent back.
> > > > > > > > >
> > > > > > > Dwayne Kincaid
> > > > > > > > LDG
> > > > > > > > >
> > > > > > > --- In LDG-auto-tuners@yahoogroups.com, "n3pzt" <n3pzt@> wrote:
> > > > > > > > >
> > > > > > > Dwayne,
> > > > > > > > >
> > > > >> > It may be possible the RADIO jack is defective. Using a
> > > > >magnifier I
> > > > >> > looked inside the jack and see two metal tabs, one on the left
> > > > >and one
> > > > >> > on the right, which would be the contacts for the tip and ring
> > > > >on the
> > > > >> > stereo plug from an interface cable. I'm not sure how these
> > > > >tabs should
> > > > >> > be positioned when no plug is in the jack. Looking closely at
> > > > >the left
> > > > >> > tab, and maybe the right tab, they may be contacting the bottom
> > > > >inside

> > > > >> > > > edge of the sleeve in the jack which would ground either of the
> > > > >tabs. If
> > > > >> > > > one or the other is grounded would that cause the 600 to hang
> > > > >in the
> > > > >> > > > TUNE mode? Can you test a known good RADIO jack and tell me the
> > > > > >
> > > > >> > > > continuity of these two tabs and whether they should be open or
> > > > >closed
> > > > >> > > > to the sleeve. Maybe the fix would be replacing the RADIO jack
> > > > >but I'm
> > > > > > > > > > not going to pull it off the board just yet. Thanks.
> > > > > > > > > >
> > > > > > > > > > Stewart WI3J
> > > > > > > > > >
> > > > >> > > > --- In LDG-auto-tuners@yahoogroups.com, "n3pzt" <n3pzt@> wrote:
> > > > > > > > > >
> > > > > > > > > > Dwayne,
> > > > > > > > > >
> > > > >> > > > If you're referring to an optional Icom or Yaesu interface
> > > > >cable
> > > > >> > > > plugged into the RADIO jack on the back of the AT-600 I'm not
> > > > >using
> > > > >> > > > that. So you're saying it stays hung in the TUNE mode causing
> > > > >none of
> > > > >> > > > the buttons to work. The only way to unhang it is to
> > > > >disconnect and
> > > > >> > > > reconnect the power cord at which point we're back to the
> > > > >flashing SWR
> > > > >> > > > LEDs. I can turn it off with the POWER button when the SWR
> > > > >LEDs are
> > > > > > > > > > flashing but I can't turn it on again with the POWER button.
> > > > > > > > > >
> > > > > > > > > > For power I'm using a 12V DC 1A regulated wall wart.
> > > > > > > > > >
> > > > > > > > > > Stewart WI3J
> > > > > > > > > >
> > > > >> > > > --- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@>
> > > > >wrote:
> > > > > > > > > >

> > > > > > > > > > >
> > > > > > > > > > > > Dwayne Kincaid
> > > > > > > > > > > > LDG
> > > > > > > > > > > >
> > > > > > > > > > > > > Dwayne,
> > > > > > > > > > > > >
> > > > > >> > > > > > > I got a new processor from you today, Nov 6, in the mail
> > > > > >for my
> > > > > >> > > > > > > AT-600Pro. I'm also having all the same problems
> > > > > >described in this
> > > > > > > > > > > > > > thread and have tried all the "tricks" mentioned.
> > > > > > > > > > > > > >
> > > > > >> > > > > > > I swapped the processor and all the problems are still
> > > > > >there. The
> > > > > >> > > > > > > only good thing is it does tune all bands and I can
> > > > > >safely use my
> > > > > >> > > > > > > Elecraft KPA500. I get it to the tune state by unplugging
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> > > > > >
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> > > > > >and the two
> > > > > >> > > > > > > center PWR LEDs and two center SWR LEDs are now on. This
> > > > > >is the
> > > > > >> > > > > > > auto mode. At this point none of the buttons work. I
> > > > > >apply 10W
> > > > > >> > > > > > > drive on each band and it tunes between 1.0 - 1.5 SWR. It
> > > > > >does
> > > > > >> > > > > > > save the tuned settings. The KPA500 in OPER mode
> > > > > >functions
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> > > > > >levels when
> > > > > >> > > > > > > I'm transmitting. The four center LEDs just stay
> > > > > >constant. As long
> > > > > >> > > > > > > as I leave the AT-600 powered up it does what its
> > > > > >supposed to do.
> > > > > >> > > > > > > It would be nice to have one where all the
> > > > > >buttons/functions work.
> > > > > > > > > > > > > >
> > > > > > > > > > > > > > Stewart WI3J

5797. Re: [LDG-auto-tuners] Ldg 600 pro autotuner issue

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-11-17 07:22:44 UTC
From: KK2DOG in NY
Topic: 5659 Message: 5797

Interesting. I have both the AT-600PRO and the AT-1000PRO connected to their respective radios via the 'cable' and have never had any problems at all. When I turn on the radio(s), the tuners also powers up and I'm good to go. No wall-warts here at all.

KK2DOG
Owner/Admin
www.hamwave.com

From: n3pzt <n3pzt@...>
To: LDG-auto-tuners@yahoogroups.com
Sent: Friday, November 16, 2012 2:14 PM
Subject: [LDG-auto-tuners] Ldg 600 pro autotuner issue

Rob,

Yes, I did try leaving the wall wart unplugged overnight and plugging it back in in the morning. The 600 powered up immediately with all the SWR LEDs flashing. None of the buttons/functions worked. I could turn the 600 off with the POWER button but it wouldn't turn on again. Bottom line, the wall wart is bad news. Since I switched to a dedicated 13.8VDC 3/5A transformer PS the 600 works perfectly. When I'm done for the day I turn the 600 off with the POWER button and switch off the PS. In the morning I turn on the PS and hit the POWER button on the 600. All is well.

Stewart WI3J

> --- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@> wrote:
> >
> > Stewart,
> >
> > Thanks for the info. Glad it's now working.
> >
> > Dwayne Kincaid
>
> Hello Stewart,
>
> I was wondering if you could connect back up the wall wart and than unplug the Wall Wart PS, overnight to see if you can get the same good results?
>
> Since the wall wart, was never turned off and was always applying DC power to the LDG tuner, the issue may very well be something else!
>
> I am still having issues with my LDG600, locking up and not responding to any of the push buttons, unless I unplug the DC power cord to the AT600 , and than plug it back up, all returns to normal,
> I am using an external Power Supply, not a wall wart.

>
> rob n8rt
>
> > --- In LDG-auto-tuners@yahoogroups.com, "n3pzt" <n3pzt@> wrote:
> > >
> > > Dwayne,
> > >
> > > Well, the problem was the 12VDC 1A wall wart. I hooked up one of my 13.8VDC 3/5A regulated power supplies and all of the problems are gone. I can turn off the 600 and PS in the evening and the next morning turn on the PS and 600 and all buttons/functions work. So, I guess a word to the wise is don't use a wall wart. Lesson learned.
> > >
> > > Stewart WI3J
> > >
> > > --- In LDG-auto-tuners@yahoogroups.com, Gerry VE6LB <ve6lb@> wrote:
> > > >
> > > > Or the 1000pro2 with 800
> > > >
> > > > Gerry. Ve6lb
> > > >
> > > > doug pfaff <doug.pfaff@> wrote:
> > > >
> > > > >Has anyone checked the purity of the DC from the external power wall
> > > > >wart to ensure EMI is not the issue.
> > > > >
> > > > >Was the design of the LDG tuner based on using an external supply seems
> > > > >like the symptoms sound suspiciously emi interference.
> > > > >
> > > > >Has anyone sent LDG the actual snapshot of what the scope image looks
> > > > >like.
> > > > >
> > > > >Realizing anything from soup to nuts could be much different than the
> > > > >lab grade power supplies used on the test bench.
> > > > >
> > > > >the loose ribbon cable should only impact the initial startup a.after
> > > > >receipt from being shipped.
> > > > >Dwayne what is different in the design from say the kt 100 series Ive
> > > > >seen no issues of turn on is the power more pure after powering from
> > > > >the transceiver
> > > > >
> > > > >Doug ve5dcp
> > > > >
> > > > > ----- Original Message -----
> > > > > From: Dwayne
> > > > > To: LDG-auto-tuners@yahoogroups.com
> > > > > Sent: Friday, November 09, 2012 9:13 AM
> > > > > Subject: [LDG-auto-tuners] Re: Ldg 600 pro autotuner issue
> > > > >
> > > > > Hi Stewart,
> > > > >

> > > > >Thanks for the additional information. We're doing an on-going
> > > > >investigation with several units with similar symptoms.
> > > > >
> > > > >We have several units current on a bench that stays plugged in 24 hours
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> > > > >
> > > > >I think this will be going on for a while. The first symptoms just
> > > > >started showing up a couple of months ago even through we've been
> > > > >shipping the same products for a couple of years.
> > > > >
> > > > > This may be a tricky one to solve.
> > > > >
> > > > > Dwayne Kincaid
> > > > >
> > > > > --- In LDG-auto-tuners@yahoogroups.com, "n3pzt" <n3pzt@> wrote:
> > > > > >
> > > > > > Dwayne,
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> > > > >wrote:
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> > > > > > > Bill--W4BSG
> > > > > > >

> > > > > > > -----Original Message-----
> > > > > > > From: n3pzt
> > > > > > > Sent: Wednesday, November 07, 2012 3:05 PM
> > > > > > > To: LDG-auto-tuners@yahoogroups.com
> > > > > > > Subject: [LDG-auto-tuners] Ldg 600 pro autotuner issue
> > > > > > >
> > > > > > > Dwayne,
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> > > > >> > Problem solved. I removed the lid and plugged in the power cord.
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> > > > > > > > > > > >
> > > > > > > > > > > Stewart WI3J
> > > > > > > > > > > >

> > > > >> > > > > --- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@>
> > > > >wrote:
> > > > >

> > > > >> > > > > > > It would be nice to have one where all the
> > > > >buttons/functions work.
> > > > > > > > > > > > >
> > > > > > > > > > > > > Stewart WI3J

[Non-text portions of this message have been removed]

5798. Re: Ldg 600 pro autotuner issue

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-11-17 13:50:25 UTC
From: mcyman
Topic: 5659 Message: 5798

Hi Stewart, Thanks for the info regarding the wall wart. That is rally weird! I guess some wall warts do not work well with the LDG tuners!

A couple of questions come to my mind.

1. I am wondering if any LDG owners are using a WALL Wart without problems, and if so what is the Model number and ratings!

2. I wonder why LDG doesn't supply a Wall Wart. Or recommend one to buy that works without issues.

I do not remember any reference in the owners manual suggesting NOT to use a Wall Wart?

Seems like this is an issue that LDG needs to address, in an effort to minimize customer problems.

Just my opinion.

Rob N8rt
--- In LDG-auto-tuners@yahoogroups.com, "n3pzt" <n3pzt@...> wrote:
>
>
>
> Rob,
>
> Yes, I did try leaving the wall wart unplugged overnight and plugging it back in in the morning. The 600 powered up immediately with all the SWR LEDs flashing. None of the buttons/functions worked. I could turn the 600 off with the POWER button but it wouldn't turn on again. Bottom line, the wall wart is bad news. Since I switched to a dedicated 13.8VDC 3/5A transformer PS the 600 works perfectly. When I'm done for the day I turn the 600 off with the POWER button and switch off the PS. In the morning I turn on the PS and hit the POWER button on the 600. All is well.
>
> Stewart WI3J
>
> > --- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@> wrote:
> > >
> > > Stewart,
> > >
> > > Thanks for the info. Glad it's now working.
> > >
> > > Dwayne Kincaid
> >
> > Hello Stewart,
> >
> > I was wondering if you could connect back up the wall wart and than unplug the Wall Wart PS, overnight to see if you can get the same good results?

> >
> > Since the wall wart, was never turned off and was always applying DC power to the LDG tuner, the issue may very well be something else!
> >
> > I am still having issues with my LDG600, locking up and not responding to any of the push buttons, unless I unplug the DC power cord to the AT600 , and than plug it back up, all returns to normal,
> > I am using an external Power Supply, not a wall wart.
> >
> > rob n8rt
> >
> > > --- In LDG-auto-tuners@yahoogroups.com, "n3pzt" <n3pzt@> wrote:
> > > >
> > > > Dwayne,
> > > >
> > > > Well, the problem was the 12VDC 1A wall wart. I hooked up one of my 13.8VDC 3/5A regulated power supplies and all of the problems are gone. I can turn off the 600 and PS in the evening and the next morning turn on the PS and 600 and all buttons/functions work. So, I guess a word to the wise is don't use a wall wart. Lesson learned.
> > > >
> > > > Stewart WI3J
> > > >
> > > > --- In LDG-auto-tuners@yahoogroups.com, Gerry VE6LB <ve6lb@> wrote:
> > > > >
> > > > > Or the 1000pro2 with 800
> > > > >
> > > > > Gerry. Ve6lb
> > > > >
> > > > > doug pfaff <doug.pfaff@> wrote:
> > > > >
> > > > > >Has anyone checked the purity of the DC from the external power wall
> > > > > >wart to ensure EMI is not the issue.
> > > > > >
> > > > > >Was the design of the LDG tuner based on using an external supply seems
> > > > > >like the symptoms sound suspiciously emi interference.
> > > > > >
> > > > > >Has anyone sent LDG the actual snapshot of what the scope image looks
> > > > > >like.
> > > > > >
> > > > > >Realizing anything from soup to nuts could be much different than the
> > > > > >lab grade power supplies used on the test bench.
> > > > > >
> > > > > >the loose ribbon cable should only impact the initial startup a.after
> > > > > >receipt from being shipped.
> > > > > >Dwayne what is different in the design from say the kt 100 series Ive
> > > > > >seen no issues of turn on is the power more pure after powering from
> > > > > >the transceiver
> > > > > >
> > > > > >Doug ve5dcp
> > > > > >

> > > > > > ----- Original Message -----
> > > > > > From: Dwayne
> > > > > > To: LDG-auto-tuners@yahoogroups.com
> > > > > > Sent: Friday, November 09, 2012 9:13 AM
> > > > > > Subject: [LDG-auto-tuners] Re: Ldg 600 pro autotuner issue
> > > > > >
> > > > > > Hi Stewart,
> > > > > >
> > > > > >Thanks for the additional information. We're doing an on-going
> > > > > >investigation with several units with similar symptoms.
> > > > > >
> > > > > >We have several units current on a bench that stays plugged in 24 hours
> > > > > >per day and we've been turning them on and off at random times
> > > > > >including overnight.
> > > > > >
> > > > > >So far, we've not been able to duplicate any problems, but that does
> > > > > >not mean they are not there.
> > > > > >
> > > > > >As of today (but that could change), we're leaning towards power supply
> > > > > >differences. All LDG tuners are designed and tested on exactly the same
> > > > > >laboratory style power supplies, so other supplies may produce other
> > > > > >results.
> > > > > >
> > > > > >I think this will be going on for a while. The first symptoms just
> > > > > >started showing up a couple of months ago even through we've been
> > > > > >shipping the same products for a couple of years.
> > > > > >
> > > > > > This may be a tricky one to solve.
> > > > > >
> > > > > > Dwayne Kincaid
> > > > > >
> > > > > > --- In LDG-auto-tuners@yahoogroups.com, "n3pzt" <n3pzt@> wrote:
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> > > > > > > Dwayne,
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> > > > > >> Almost. Here's the latest. I can toggle the power on/off all day long
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> > > > > >with the power cord connected, here's what happens.
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> > > > > > > > > From: n3pzt
> > > > > > > > > Sent: Wednesday, November 07, 2012 3:05 PM
> > > > > > > > > To: LDG-auto-tuners@yahoogroups.com
> > > > > > > > > Subject: [LDG-auto-tuners] Ldg 600 pro autotuner issue
> > > > > > > > > >
> > > > > > > > > Dwayne,
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> > > > > >wrote:
> > > > > > > > > > > >
> > > > > > > > > > > Hi Stewart,
> > > > > > > > > > >
> > > > > > > > > > > Sounds like it's not in the processor.
> > > > > > > > > > >
> > > > > >> > > > > If the four center LEDs are coming on and staying one, the
> > > > > >tuner
> > > > > >> > > > > thinks the tune button is pressed. It may be that you have
> > > > > >a home
> > > > > >> > > > > made or bad interface cable. Let us know if you have an
> > > > > >interface
> > > > > > > > > > > cable and what happens if you disconnect it.
> > > > > > > > > > >
> > > > > > > > > > > Dwayne Kincaid
> > > > > > > > > > > LDG
> > > > > > > > > > >
> > > > > > > > > > > > Dwayne,
> > > > > > > > > > >
> > > > > >> > > > > I got a new processor from you today, Nov 6, in the mail
> > > > > >for my
> > > > > >> > > > > AT-600Pro. I'm also having all the same problems
> > > > > >described in this
> > > > > > > > > > > > thread and have tried all the "tricks" mentioned.
> > > > > > > > > > >
> > > > > >> > > > > I swapped the processor and all the problems are still
> > > > > >there. The
> > > > > >> > > > > only good thing is it does tune all bands and I can
> > > > > >safely use my
> > > > > >> > > > > Elecraft KPA500. I get it to the tune state by unplugging
> > > > > >and
> > > > > >> > > > > replugging the power cord and, while all the SWR LEDs are
> > > > > >
> > > > > >> > > > > flashing, hit the TUNE button once. The flashing stops
> > > > > >and the two
> > > > > >> > > > > center PWR LEDs and two center SWR LEDs are now on. This
> > > > > >is the
> > > > > >> > > > > auto mode. At this point none of the buttons work. I
> > > > > >apply 10W
> > > > > >> > > > > drive on each band and it tunes between 1.0 - 1.5 SWR. It
> > > > > >does

> > > > > >> > > > > > > save the tuned settings. The KPA500 in OPER mode
> > > > > >functions
> > > > > > >> > > > > > > properly. However, the AT-600 does not show PWR or SWR
> > > > > >levels when
> > > > > > >> > > > > > > I'm transmitting. The four center LEDs just stay
> > > > > >constant. As long
> > > > > > >> > > > > > > as I leave the AT-600 powered up it does what its
> > > > > >supposed to do.
> > > > > > >> > > > > > > It would be nice to have one where all the
> > > > > >buttons/functions work.
> > > > > > >

5799. Re: Ldg 600 pro autotuner issue

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-11-17 19:04:24 UTC
From: Dwayne
Topic: 5659 Message: 5799

Rob,

1. Tons of LDG customers use LDG products with wall warts. We've never been sent one that didn't work, so there is no way to say why some may not work. The obvious things would be voltage, current, regulation (ripple), and susceptibility to EMI.

2. The web sites for the AT-200ProII, 600ProII and 1000ProII all have recommendations for low cost, wall wart type, power supplies. We have tested these power supplies and found no issues to date.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "mcyman" <mcyman@...> wrote:
>
>
> Hi Stewart, Thanks for the info regarding the wall wart. That is rally weird! I guess some wall warts do not work well with the LDG tuners!
>
> A couple of questions come to my mind.
>
> 1. I am wondering if any LDG owners are using a WALL Wart without problems, and if so what is the Model number and ratings!
>
> 2. I wonder why LDG doesn't supply a Wall Wart. Or recommend one to buy that works without issues.
>
> I do not remember any reference in the owners manual suggesting NOT to use a Wall Wart?
>
> Seems like this is an issue that LDG needs to address, in an effort to minimize customer problems.
>
>
> Just my opinion.
>
> Rob N8rt
>

5800. Re: AT-11MP 1.6 Upgrade

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-11-18 07:50:29 UTC
From: dajetzi
Topic: 5795 Message: 5800

Hi,
maybe here. http://www.w4rt.com/LDG/upgrades.htm

73 de DO1KLM, Sigi

--- In LDG-auto-tuners@yahoogroups.com, "martin.fenelon@..." <martin.fenelon@...> wrote:
>
> Hello,
>
> Just managed to get hold of a mint AT-11MP via a well known auction site. Thought I'd found an upgrade too but the money has been refunded :-(Does anyone know of any other stockists of the 1.6 CPU upgrade or have one available for sale?
>
> Kind regards.
>
> Martin Fenelon.
>

5801. Re: AT-11MP 1.6 Upgrade

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-11-18 21:50:25 UTC
From: martin.fenelon@ymail.com
Topic: 5795 Message: 5801

Hello Sigi,

Many thanks for the reply. It was W4RT who returned the money, no more chips available. Oh well, the AT-11MP is still impressive as it is.

Martin.

--- In LDG-auto-tuners@yahoogroups.com, "dajetzi" <da_kaeptn@...> wrote:
>
>
>
> Hi,
> maybe here. http://www.w4rt.com/LDG/upgrades.htm
>
> 73 de DO1KLM, Sigi
>
> --- In LDG-auto-tuners@yahoogroups.com, "martin.fenelon@" <martin.fenelon@> wrote:
> >
> > Hello,
> >
> > Just managed to get hold of a mint AT-11MP via a well known auction site. Thought I'd found an upgrade too but the money has been refunded :-(Does anyone know of any other stockists of the 1.6 CPU upgrade or have one available for sale?
> >
> > Kind regards.
> >
> > Martin Fenelon.
> >
>

5802. LDG Manual

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-11-24 01:20:47 UTC
From: Oshb5
Topic: 5802 Message: 5802

Hello All

Im looking for a AT 200 ProII manual I bought one second hand and it did not have one with it.
Thankyou

Regards Andy

5803. Re: LDG Manual

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-11-24 05:22:48 UTC
From: n8xxham
Topic: 5802 Message: 5803

Andy:

try

http://www.ldgelectronics.com/assets/manuals/AT-200ProIIManual.pdf

LDG web site seems to have a manual for most every tuner they've ever made.

72/73 de n8xx
QRP >99.44% of the time

--- In LDG-auto-tuners@yahoogroups.com, "Oshb5" <andy@...> wrote:
>
> Hello All
>
> Im looking for a AT 200 ProII manual I bought one second hand and it did not have one with it.
> Thankyou
>
> Regards Andy

5804. Re: [LDG-auto-tuners] LDG Manual

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-11-24 13:43:03 UTC
From: Bill Aycock
Topic: 5802 Message: 5804

Andy--
Go to the LDG site; Manuals are there for download.
Bill--W4BSG

-----Original Message-----
From: Oshb5
Sent: Friday, November 23, 2012 7:20 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] LDG Manual

Hello All

Im looking for a AT 200 ProII manual I bought one second hand and it did not have one with it.
Thankyou

Regards Andy

Yahoo! Groups Links

5805. Re: [LDG-auto-tuners] LDG Manual

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-11-24 13:46:05 UTC
From: Jimmy (WB8NBI)
Topic: 5802 Message: 5805

Just go to the LDG web sight and download it.

DE Jimmy (WB8NBI)

From: Oshb5
Sent: Friday, November 23, 2012 8:20 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] LDG Manual

Hello All

Im looking for a AT 200 ProII manual I bought one second hand and it did not have one with it.
Thankyou

Regards Andy

[Non-text portions of this message have been removed]

5806. Z-11 Auto-tune threshold?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-11-25 22:08:08 UTC
From: Charlier26
Topic: 5806 Message: 5806

I read the manual on the Z-11 (not Pro or ProII) and it states that in auto mode, it will retune when the SWR rises over 3:1. Is there a way to lower this threshold?

Thanks

Charlie KB8BWE

5807. LDG YT-450 and the Yaesu FT-950

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-11-26 09:20:14 UTC
From: roley_g3vir
Topic: 5807 Message: 5807

Normally when you tune the ATU in USB and any frequency the tranceiver always returns to a frequency 1.40KHz higher than you were originally on.
To solve this change the menu item 47 A1A FREQDISP from ofset to DIR.
This will solve the problem.
I think this is also the case with the yaesu FT-450

Roley
G3VIR

5808. Re: [LDG-auto-tuners] LDG YT-450 and the Yaesu FT-950

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-11-26 22:17:27 UTC
From: G8UVE
Topic: 5807 Message: 5808

Hi Roley

Long time no hear ;-(

Regards

David (UVE)

----- Original Message -----
From: "roley_g3vir" <roland@...>
To: <LDG-auto-tuners@yahoogroups.com>
Sent: Monday, November 26, 2012 9:20 AM
Subject: [LDG-auto-tuners] LDG YT-450 and the Yaesu FT-950

> Normally when you tune the ATU in USB and any frequency the tranceiver
> always returns to a frequency 1.40KHz higher than you were originally on.
> To solve this change the menu item 47 A1A FREQDISP from ofset to DIR.
> This will solve the problem.
> I think this is also the case with the yaesu FT-450
>
> Roley
> G3VIR
>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
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>

5809. Re: Z-11 Auto-tune threshold?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-11-29 18:49:21 UTC
From: Dwayne
Topic: 5806 Message: 5809

Charlie,

There is no way to change the setting on that tuner. You may want to experiment with it some as I recall that it was actually lower than 3:1.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "Charlier26" <charlier26@...> wrote:
>
> I read the manual on the Z-11 (not Pro or ProII) and it states that in auto mode, it will retune when the SWR rises over 3:1. Is there a way to lower this threshold?
>
> Thanks
>
> Charlie KB8BWE
>

5810. Z11 - Is this diode failure?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-11-29 21:54:48 UTC
From: ferrymanr
Topic: 5810 Message: 5810

My Z11 is failing to tune. Rig is an FT-817. Has worked perfectly for 7 years. ROM version 1.6. I did reseat U1 and U2 but problem remains.
Symptoms:-
1. On start up the first three LEDs flash in sequence.
2. Often it will not register anything on the LEDs after the reboot sequence. Then it will not go into bypass mode. The SWR LEDS do not register anything when I transmit.
3. On 80M when it does run and I fit a 50 ohm dummy load and in bypass mode the rig sees low swr but the Z11 indicates >3.0 On 20M it tries to tune but gets nowhere. On 15 M it seems to tune OK.
Any ideas?
Dick G4BBH

5811. Re: Z11 - Is this diode failure?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-11-30 10:11:54 UTC
From: ferrymanr
Topic: 5810 Message: 5811

It was the diodes - Dwayne suggested I change them and he was right!
Dick G4BBH

--- In LDG-auto-tuners@yahoogroups.com, "ferrymanr" <g4bbh@...> wrote:
>
> My Z11 is failing to tune. Rig is an FT-817. Has worked perfectly for 7 years. ROM version 1.6. I did reseat U1 and U2 but problem remains.
> Symptoms:-
> 1. On start up the first three LEDs flash in sequence.
> 2. Often it will not register anything on the LEDs after the reboot sequence. Then it will not go into bypass mode. The SWR LEDS do not register anything when I transmit.
> 3. On 80M when it does run and I fit a 50 ohm dummy load and in bypass mode the rig sees low swr but the Z11 indicates >3.0 On 20M it tries to tune but gets nowhere. On 15 M it seems to tune OK.
> Any ideas?
> Dick G4BBH
>

5812. ldg100 pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-11-30 11:11:03 UTC
From: m6zse34
Topic: 5812 Message: 5812

Hi
Every visual demonstration of ldg100pro tuning I have seen
locks on about 1:1.7
Does it ever "tune" down to 1:1 as there seems no means to manuall
fine tune.
Thanks
Paul/2E0ZSE

5813. Re: [LDG-auto-tuners] ldg100 pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-11-30 12:53:10 UTC
From: Leonard K. Pennock
Topic: 5812 Message: 5813

AT100Pro can set the threshold. I have mine set at 1.5:1 and mine locks on at 1.0-1.1 most of the time. Once in awhile I'll get a bad lock where I get higher SWR but still below the threshold. Usually forcing a full retune cycle will cause it to get a good lock.

On 11/30/2012 04:11 AM, m6zse34 wrote:
> Hi
> Every visual demonstration of ldg100pro tuning I have seen
> locks on about 1:1.7
> Does it ever "tune" down to 1:1 as there seems no means to manuall
> fine tune.
> Thanks
> Paul/2E0ZSE
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

--
Leonard K. Pennock
AD7AS

Those who walk bravely through life, unafraid of loss or failure,
find that they very rarely lose or fail.

5814. LDG100PRO tuning

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-11-30 15:29:07 UTC
From: m6zse34
Topic: 5814 Message: 5814

Hi
The only visual demos of this tuner I have seen show the "tune"
SWR to be about 1:1.7, never lower
Does anyone who owns one (or the LDG200PRO) see it tune down to
1:1
Thanks
Paul

5815. Re: [LDG-auto-tuners] LDG100PRO tuning

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-11-30 15:40:23 UTC
From: Leonard K. Pennock
Topic: 5814 Message: 5815

I own. Z11Pro, AT100Pro and AT200 Pro. They will all tune down to 1.0:1 at times. I have them all set at 1.5:1 threshold and there are times they will stop somewhere between 1.1-1.5:1 but most time they go to 1.0-1.1:1. There are times they cannot find a match but that is with antennas that present worse than 10:1 matches (Think 75M mobile hustler outside 50Khz BW).

I don't know if the PRO2 models are any different but I would be real surprised if they were.

On 11/30/2012 08:29 AM, m6zse34 wrote:
> Hi
> The only visual demos of this tuner I have seen show the "tune"
> SWR to be about 1:1.7, never lower
> Does anyone who owns one (or the LDG200PRO) see it tune down to
> 1:1
> Thanks
> Paul
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

--
Leonard K. Pennock
AD7AS

Those who walk bravely through life, unafraid of loss or failure, find that they very rarely lose or fail.

5816. Re: ldg100 pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-11-30 15:43:18 UTC
From: m6zse34
Topic: 5812 Message: 5816

Thanks, I didn't know there was a manual setting. I am thinking of buying one and thats good to know.
SSB locks would be easy but for CW do you find you have to transmit a
carrier for every freq or does it pick up and tune when you start sending morse.

Regards
Paul
I seem to have resent the original email in error

--- In LDG-auto-tuners@yahoogroups.com, "Leonard K. Pennock" <leonardpennock@...> wrote:
>
> AT100Pro can set the threshold. I have mine set at 1.5:1 and mine locks
> on at 1.0-1.1 most of the time. Once in awhile I'll get a bad lock
> where I get higher SWR but still below the threshold. Usually forcing a
> full retune cycle will cause it to get a good lock.
>
> On 11/30/2012 04:11 AM, m6zse34 wrote:
> > Hi
> > Every visual demonstration of ldg100pro tuning I have seen
> > locks on about 1:1.7
> > Does it ever "tune" down to 1:1 as there seems no means to manuall
> > fine tune.
> > Thanks
> > Paul/2E0ZSE
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
> >
> >
> >
> --
> Leonard K. Pennock
> AD7AS
>
> Those who walk bravely through life, unafraid of loss or failure,
> find that they very rarely lose or fail.
>

5817. Re: [LDG-auto-tuners] Re: ldg100 pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-11-30 16:11:13 UTC
From: Leonard K. Pennock
Topic: 5812 Message: 5817

I don't do CW but for SSB it will automatically tune when ever SWR is above set threshold. With voice if there isn't a memory that matches you normally just say AHH until it tunes up. With a tune in memory it normally is tuned by the time you get the first word out. With CW you would probably want to send a carrier for long enough to be sure you had the tune or you risk dropping the first few characters. It usually tunes in less than a second but if there is no memory match it can take 2-3 seconds to find a match.

The one thing to keep in mind when using the auto tune is that if your radio doesn't have a fold back circuit you will be hitting it with high SWR while the tune is happening which can damage it. With most modern radios that have fold back circuits that isn't a issue as they are designed to fold back power if SWR is above 1.5-2.0:1. I've used SWR fold back on FT857, FT950 and TS2000 without an issue but you want to check your radio to be sure it has SWR fold back.

On 11/30/2012 08:43 AM, m6zse34 wrote:
> Thanks, I didn't know there was a manual setting. I am thinking of buying one and thats good to know.
> SSB locks would be easy but for CW do you find you have to transmit a
> carrier for every freq or does it pick up and tune when you start sending morse.
>
> Regards
> Paul
> I seem to have resent the original email in error
>
>
>
> --- In LDG-auto-tuners@yahoogroups.com, "Leonard K. Pennock" <leonardpennock@...> wrote:
>>
>> AT100Pro can set the threshold. I have mine set at 1.5:1 and mine locks
>> on at 1.0-1.1 most of the time. Once in awhile I'll get a bad lock
>> where I get higher SWR but still below the threshold. Usually forcing a
>> full retune cycle will cause it to get a good lock.
>>
>> On 11/30/2012 04:11 AM, m6zse34 wrote:
>>> Hi
>>> Every visual demonstration of ldg100pro tuning I have seen
>>> locks on about 1:1.7
>>> Does it ever "tune" down to 1:1 as there seems no means to manuall
>>> fine tune.
>>> Thanks
>>> Paul/2E0ZSE
>>>

>>>
>>>
>>> ------------------------------------
>>>
>>> Yahoo! Groups Links
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>>
>> --
>> Leonard K. Pennock
>> AD7AS
>>
>> Those who walk bravely through life, unafraid of loss or failure,
>> find that they very rarely lose or fail.
>>
>
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> ------------------------------------
>
> Yahoo! Groups Links
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>

--
Leonard K. Pennock
AD7AS

Those who walk bravely through life, unafraid of loss or failure,
find that they very rarely lose or fail.

5818. Re: [LDG-auto-tuners] ldg100 pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-11-30 16:45:33 UTC
From: Don Sanders
Topic: 5812 Message: 5818

If you go to the LDG web page you can down load the manual. My AT 100Pro allows manual tuning by using the ""F"" key and or ""L"" up or down. I rarely use it as the tuner finds less than 2 to 1 99% of the time.* Dont worry as long as the match is less than 2 TO 1 and the radio puts out full power. *Yes most times the match is less than 1.2 to 1 most often 1 to 1.
Don W4BWS

On Fri, Nov 30, 2012 at 6:11 AM, m6zse34 <m6zse34@...> wrote:

> **
>
>
> Hi
> Every visual demonstration of ldg100pro tuning I have seen
> locks on about 1:1.7
> Does it ever "tune" down to 1:1 as there seems no means to manuall
> fine tune.
> Thanks
> Paul/2E0ZSE
>
>
>

[Non-text portions of this message have been removed]

5819. Re: [LDG-auto-tuners] LDG100PRO tuning

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-12-01 12:52:54 UTC
From: Jimmy (WB8NBI)
Topic: 5814 Message: 5819

Yes it will mine goes down to where there are now LED lite.

DE Jimmy (WB8NBI)

From: m6zse34
Sent: Friday, November 30, 2012 10:29 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] LDG100PRO tuning

Hi
The only visual demos of this tuner I have seen show the "tune"
SWR to be about 1:1.7, never lower
Does anyone who owns one (or the LDG200PRO) see it tune down to
1:1
Thanks
Paul

[Non-text portions of this message have been removed]

5820. Invite to all AROs who've installed an LDG auto tuner in an MLA2500

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-12-04 06:09:43 UTC
From: timelake
Topic: 5820 Message: 5820

I invite AROs who've installed an LDG auto tuner in an MLA2500to share their experiences in detail, along with photos & videos of their project so that those of us who are ready to install one in their MLA2500 can do so effectively and safely.

5821. Installation an LDG Auto-Tuner inside a Dentron MLA-2500

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-12-04 19:18:06 UTC
From: timelake
Topic: 5821 Message: 5821

This is a welcome to any ARO who has installed an LDG Auto Tuner in an MLA2500, to sahre their thoughts.

MLA-2500 amplifiers are very limited in space, nevertheless some AROs have installed tuned input boards, triode-contrtol boards and ldg auto-tuners internally in their amplifiers.

I envision that this forum may well serve to guide other MLA-2500 owners to successfully accomplish this with their own amplifiers.

Though the MLA-2500 is obsolete in terms of being of a product of state of the art technology, many of us embrace it's small footprint and have learned to address it's issues.

I hope that those who have installed a LDG auto-tuner inside an MLA-2500 will feel comfortable to share their experiences with us with accurate detailed photos as well as with an instructional video or two.

As an incentive, I'm prepared to contribute my time and skills to help produce an addendum or sorts online, containing your inputs, and have it updated continuously by all of you who have made such an upgrade.

As with all forums, no matter their topic, they serve the community within which some technological void existed.

With respect to the Amateur Radio community, this forum intends to fill the void specific to installing an LDG tuner in the Dentron MLA-2500 amplifier.

In the process of contributing comments and opinions in this forum, please keep in mind that our online behavior may be viewed by both seasoned professionals in electronics as well as by casual amateur radio operators. In either case, abiding by a protocoll of decency, common sense and respect is of primary concern.

NOTE OF URGENCY:
Understandably, since safety concerns are of prime concern with all projects related to HF amplifiers, as their high voltage section can be lethal, it is URGED that what technical guidance is shared here, that this potential for lethality in the MLA-2500 be kept in mind BEFORE attempting any upgrade. Let it known that no one is to be held responsible or liable for any damage or injury as a result of following any amplifier upgrade info contributed here. Suffice to say, let the individual radioamateur be mindful of this caveat of danger as they undertake such upgrades read in this forum and proceed at their own risk. That being said, please take ample precaution to prepare your upgrade procedures to include safety measures, no matter your confidence level or knowledge in electronics.

Thank you in advance for your input and I welcome your contributions to this forum!
(My sincere thanks to all concerned with availing us this forum to enjoy and learn from!)

5822. RE: [LDG-auto-tuners] Installation an LDG Auto-Tuner inside a Dentron MLA-2500

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-12-04 19:38:45 UTC
From: Rick Johnson
Topic: 5821 Message: 5822

Who are you?
73,Rick W3BI

To: LDG-auto-tuners@yahoogroups.com
From: timelake@...
Date: Tue, 4 Dec 2012 19:18:06 +0000
Subject: [LDG-auto-tuners] Installation an LDG Auto-Tuner inside a Dentron MLA-2500

This is a welcome to any ARO who has installed an LDG Auto Tuner in an MLA2500, to sahre their thoughts.

MLA-2500 amplifiers are very limited in space, nevertheless some AROs have installed tuned input boards, triode-contrtol boards and ldg auto-tuners internally in their amplifiers.

I envision that this forum may well serve to guide other MLA-2500 owners to successfully accomplish this with their own amplifiers.

Though the MLA-2500 is obsolete in terms of being of a product of state of the art technology, many of us embrace it's small footprint and have learned to address it's issues.

I hope that those who have installed a LDG auto-tuner inside an MLA-2500 will feel comfortable to share their experiences with us with accurate detailed photos as well as with an instructional video or two.

As an incentive, I'm prepared to contribute my time and skills to help produce an addendum or sorts online, containing your inputs, and have it updated continuously by all of you who have made such an upgrade.

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With respect to the Amateur Radio community, this forum intends to fill the void specific to installing an LDG tuner in the Dentron MLA-2500 amplifier.

In the process of contributing comments and opinions in this forum, please keep in mind that our online behavior may be viewed by both seasoned professionals in electronics as well as by casual amateur radio operators. In either case, abiding by a protocoll of decency, common sense and respect is of primary concern.

NOTE OF URGENCY:

Understandably, since safety concerns are of prime concern with all projects related to HF amplifiers, as their high voltage section can be lethal, it is URGED that what technical guidance is shared here, that this potential for lethality in the MLA-2500 be kept in mind BEFORE attempting any upgrade. Let it known that no one is to be held responsible or liable

for any damage or injury as a result of following any amplifier upgrade info contributed here. Suffice to say, let the individual radioamateur be mindful of this caveat of danger as they undertake such upgrades read in this forum and proceed at their own risk. That being said, please take ample precaution to prepare your upgrade procedures to include safety measures, no matter your confidence level or knowledge in electronics.

Thank you in advance for your input and I welcome your contributions to this forum!

(My sincere thanks to all concerned with availing us this forum to enjoy and learn from!)

[Non-text portions of this message have been removed]

5823. Going to bypass on my Tennadyne T-11 Log Periodic

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-12-12 18:35:27 UTC
From: Terry and Cathy
Topic: 5823 Message: 5823

Hi, I’m a new owner of a LDG AT-200Pro II. It tunes my wire antennas with no problems, but on the Log-Periodic it goes to bypass almost immediately on all bands except the 20 meters where tunes like normal. The swr on all the bands on the T-11 is close to 1:1. Is it normal to bypass when the swr is low? Terry KS9Y

[Non-text portions of this message have been removed]

5824. Re: [LDG-auto-tuners] Going to bypass on my Tennadyne T-11 Log Periodic

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-12-12 03:28:44 UTC
From: doug pfaff
Topic: 5823 Message: 5824

Terry

Sound like you have a great multiband antenna

Simple 1:1 is a perfect match and the tuner goes to bypass right away(no adjustments needed)

You have forgotten some basic principles it sounds like the only band it tunes is 20m.

Did the ham radio trainers doing ham radio classes forget to mention what 1:1 means?.

Different antennas are lots of fun

Cheers

Merry Christmas

Doug ve5dcp
----- Original Message -----
From: Terry and Cathy
To: LDG-auto-tuners@yahoogroups.com
Sent: Wednesday, December 12, 2012 10:35 AM
Subject: [LDG-auto-tuners] Going to bypass on my Tennadyne T-11 Log Periodic

Hi, I’m a new owner of a LDG AT-200Pro II. It tunes my wire antennas with no problems, but on the Log-Periodic it goes to bypass almost immediately on all bands except the 20 meters where tunes like normal. The swr on all the bands on the T-11 is close to 1:1. Is it normal to bypass when the swr is low? Terry KS9Y

[Non-text portions of this message have been removed]

Doug Pfaff
doug.pfaff@...

[Non-text portions of this message have been removed]

5825. Re: [LDG-auto-tuners] Going to bypass on my Tennadyne T-11 Log Periodic

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-12-12 04:18:14 UTC
From: Hank Greeb
Topic: 5823 Message: 5825

Terry:

Why would you need a matching device if the SWR in very close to 1:1?
The AT-200 is probably smart enough to default to bypass.

72/73 de n8xx Hg
QRP >99.44% of the time

On 12/12/2012 1:35 PM, Terry and Cathy wrote:
> Hi, I’m a new owner of a LDG AT-200Pro II. It tunes my wire antennas with no problems, but on the Log-Periodic it goes to bypass almost immediately on all bands except the 20 meters where tunes like normal. The swr on all the bands on the T-11 is close to 1:1. Is it normal to bypass when the swr is low? Terry KS9Y

[Non-text portions of this message have been removed]

5826. Re: LDG100PRO tuning

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-12-15 14:31:10 UTC
From: m6zse34
Topic: 5814 Message: 5826

Thanks guys, it looks a good bet for SSB but if it needs a carrier to initially remember the freq it means I will have to drop an AM carrier on every CW freq I use..... not sure if it's worth the trouble. At present I use a mobile ATU, MFJ-973 which works fine and only have to tune on each band but it will not touch 17M,so I wanted something stronger and fast. How do you CW ops fare ??

--- In LDG-auto-tuners@yahoogroups.com, "Jimmy \(WB8NBI\)" <wb8nbi@...> wrote:
>
> Yes it will mine goes down to where there are now LED lite.
>
> DE Jimmy (WB8NBI)
>
> From: m6zse34
> Sent: Friday, November 30, 2012 10:29 AM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: [LDG-auto-tuners] LDG100PRO tuning
>
>
> Hi
> The only visual demos of this tuner I have seen show the "tune"
> SWR to be about 1:1.7, never lower
> Does anyone who owns one (or the LDG200PRO) see it tune down to
> 1:1
> Thanks
> Paul
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

5827. Re: [LDG-auto-tuners] Re: LDG100PRO tuning

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-12-15 14:38:14 UTC
From: Leonard Pennock (AD7AS)
Topic: 5814 Message: 5827

Why would you have to drop to AM on a CW freq? Can't you just send a
carrier with your key?

_____
Leonard K Pennock
AD7AS

On 12/15/2012 7:31 AM, m6zse34 wrote:
> Thanks guys, it looks a good bet for SSB but if it needs a carrier to initially remember the freq it means I will have to drop an AM carrier on every CW freq I use..... not sure if it's worth the trouble. At present I use a mobile ATU, MFJ-973 which works fine and only have to tune on each band but it will not touch 17M,so I wanted something stronger and fast. How do you CW ops fare ??
>
>
>
> --- In LDG-auto-tuners@yahoogroups.com, "Jimmy \(WB8NBI\)"<wb8nbi@...> wrote:
>>
>> Yes it will mine goes down to where there are now LED lite.
>>
>> DE Jimmy (WB8NBI)
>>
>> From: m6zse34
>> Sent: Friday, November 30, 2012 10:29 AM
>> To: LDG-auto-tuners@yahoogroups.com
>> Subject: [LDG-auto-tuners] LDG100PRO tuning
>>
>>
>> Hi
>> The only visual demos of this tuner I have seen show the "tune"
>> SWR to be about 1:1.7, never lower
>> Does anyone who owns one (or the LDG200PRO) see it tune down to
>> 1:1
>> Thanks
>> Paul
>>
>>
>>
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>>
>> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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5828. LDG AT- 1000

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-12-15 17:20:24 UTC
From: cadiscase
Topic: 5828 Message: 5828

Is anyone using the AT-1000 with an SB-220 or an HL-2200 amp ?

Something that has an input of 2kw with an output about 1200 watts PEP ?

Thanks

5829. AT 1000 LDG tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-12-14 21:43:03 UTC
From: cadiscase
Topic: 5829 Message: 5829

Has or Is anyone using the AT - 1000 auto tuner with an SB 220 or an HL 2200 amp ?

I want to know if the tuner can handle that amount of power with I assume is about 1200 PEP .

Thanks

5830. Re: [LDG-auto-tuners] AT 1000 LDG tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-12-15 18:32:39 UTC
From: Jimmy (WB8NBI)
Topic: 5829 Message: 5830

It is rated for 1000 watts you take it from their.

DE Jimmy (WB8NBI)

From: cadiscase
Sent: Friday, December 14, 2012 4:43 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] AT 1000 LDG tuner

Has or Is anyone using the AT - 1000 auto tuner with an SB 220 or an HL 2200 amp ?

I want to know if the tuner can handle that amount of power with I assume is about 1200 PEP .

Thanks

[Non-text portions of this message have been removed]

5831. Re: LDG100PRO tuning

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-12-15 18:57:56 UTC
From: m6zse34
Topic: 5814 Message: 5831

I use a paddle, even slowed down the dashes aren't very long duration.
maybe not long enough for it to lock on. Think I'll just get an old hand key and use that.
Thanks

--- In LDG-auto-tuners@yahoogroups.com, "Leonard Pennock (AD7AS)" <leonardpennock@...>
wrote:
>
> Why would you have to drop to AM on a CW freq? Can't you just send a
> carrier with your key?
>
> _____
> Leonard K Pennock
> AD7AS
>
> On 12/15/2012 7:31 AM, m6zse34 wrote:
> > Thanks guys, it looks a good bet for SSB but if it needs a carrier to initially
remember the freq it means I will have to drop an AM carrier on every CW freq I use.....
not sure if it's worth the trouble. At present I use a mobile ATU, MFJ-973 which works fine
and only have to tune on each band but it will not touch 17M,so I wanted something stronger
and fast. How do you CW ops fare ??
> >
> >
> >
> > --- In LDG-auto-tuners@yahoogroups.com, "Jimmy \(WB8NBI\)"<wb8nbi@> wrote:
> >>
> >> Yes it will mine goes down to where there are now LED lite.
> >>
> >> DE Jimmy (WB8NBI)
> >>
> >> From: m6zse34
> >> Sent: Friday, November 30, 2012 10:29 AM
> >> To: LDG-auto-tuners@yahoogroups.com
> >> Subject: [LDG-auto-tuners] LDG100PRO tuning
> >>
> >>
> >> Hi
> >> The only visual demos of this tuner I have seen show the "tune"
> >> SWR to be about 1:1.7, never lower
> >> Does anyone who owns one (or the LDG200PRO) see it tune down to
> >> 1:1
> >> Thanks
> >> Paul
> >>
> >>
> >>

> >>
> >>
> >> [Non-text portions of this message have been removed]
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> > Yahoo! Groups Links
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5832. LDG AT1000 First generation

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-12-17 17:54:24 UTC
From: alxnndr
Topic: 5832 Message: 5832

Hi,

Apologies if this is in the wrong place, I have an LDG AT 1000 that appears to have stopped tuning. I see the needle bounces, but I'm still reading 3:1 on 40 and when I key up even after a reset I do not hear any relays clicking. I have tried connecting directly to the tuner and eliminating the Ameritron 811 from the mix, but I am getting the same lack of response. I hav a smaller 100 Pro II that tunes quite well with the same antenna and radio, but the AT 1000 does not seem to be doing anything.

My second problem is with LDG in particular. Has anyone tried calling them recently? I have left voice mail and now email and I am getting no response. If anyone from LDG is here, I would appreciate a word back, and more importantly if anyone here on the list has any idea what might have happened to my tuner and how to fix or troubleshoot it, I think I would appreciate that even more.

Many thanks,

George
KA7PHR

5833. Re: [LDG-auto-tuners] LDG AT1000 First generation

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-12-17 23:19:53 UTC
From: Terry and Cathy
Topic: 5832 Message: 5833

Hi, Sorry to hear about your problem. I just wanted you to know that I thought I had a problem last week with an AT-200 and sent an email. I received a reply back from LDG in less then an hour. Terry KS9Y

From: alxnndr
Sent: Monday, December 17, 2012 11:54 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] LDG AT1000 First generation

Hi,

Apologies if this is in the wrong place, I have an LDG AT 1000 that appears to have stopped tuning. I see the needle bounces, but I'm still reading 3:1 on 40 and when I key up even after a reset I do not hear any relays clicking. I have tried connecting directly to the tuner and eliminating the Ameritron 811 from the mix, but I am getting the same lack of response. I hav a smaller 100 Pro II that tunes quite well with the same antenna and radio, but the AT 1000 does not seem to be doing anything.

My second problem is with LDG in particular. Has anyone tried calling them recently? I have left voice mail and now email and I am getting no response. If anyone from LDG is here, I would appreciate a word back, and more importantly if anyone here on the list has any idea what might have happened to my tuner and how to fix or troubleshoot it, I think I would appreciate that even more.

Many thanks,

George
KA7PHR

[Non-text portions of this message have been removed]

5834. Re: LDG AT1000 First generation

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-12-17 23:45:41 UTC
From: Dwayne
Topic: 5832 Message: 5834

Hi George,

I think we got the technical parts taken cared of today.

The response time is much slower as we get closer toward the holidays. More people here are on vacation and it didn't help that I broke my foot last week by dropping a 50 pound power supply on it.

I would guess we'll not see an improvement in phone response times until after the new year.

Dwayne Kincaid

--- In LDG-auto-tuners@yahoogroups.com, "alxnndr" <ka7phr@...> wrote:
>
> Hi,
>
> Apologies if this is in the wrong place, I have an LDG AT 1000 that appears to have stopped tuning. I see the needle bounces, but I'm still reading 3:1 on 40 and when I key up even after a reset I do not hear any relays clicking. I have tried connecting directly to the tuner and eliminating the Ameritron 811 from the mix, but I am getting the same lack of response. I hav a smaller 100 Pro II that tunes quite well with the same antenna and radio, but the AT 1000 does not seem to be doing anything.
>
> My second problem is with LDG in particular. Has anyone tried calling them recently? I have left voice mail and now email and I am getting no response. If anyone from LDG is here, I would appreciate a word back, and more importantly if anyone here on the list has any idea what might have happened to my tuner and how to fix or troubleshoot it, I think I would appreciate that even more.
>
> Many thanks,
>
> George
> KA7PHR
>

5835. Re: [LDG-auto-tuners] Re: LDG AT1000 First generation

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-12-17 23:48:58 UTC
From: KA7PHR
Topic: 5832 Message: 5835

Dwayne

Thanks for your time. I'll be boxing it up this evening and shooting it out tomorrow.

G.A.Bollinger

On Dec 17, 2012, at 16:45, "Dwayne" <ldgyahoo@...> wrote:

> Hi George,
>
> I think we got the technical parts taken cared of today.
>
> The response time is much slower as we get closer toward the holidays. More people here are on vacation and it didn't help that I broke my foot last week by dropping a 50 pound power supply on it.
>
> I would guess we'll not see an improvement in phone response times until after the new year.
>
> Dwayne Kincaid
>
> --- In LDG-auto-tuners@yahoogroups.com, "alxnndr" <ka7phr@...> wrote:
> >
> > Hi,
> >
> > Apologies if this is in the wrong place, I have an LDG AT 1000 that appears to have stopped tuning. I see the needle bounces, but I'm still reading 3:1 on 40 and when I key up even after a reset I do not hear any relays clicking. I have tried connecting directly to the tuner and eliminating the Ameritron 811 from the mix, but I am getting the same lack of response. I hav a smaller 100 Pro II that tunes quite well with the same antenna and radio, but the AT 1000 does not seem to be doing anything.
> >
> > My second problem is with LDG in particular. Has anyone tried calling them recently? I have left voice mail and now email and I am getting no response. If anyone from LDG is here, I would appreciate a word back, and more importantly if anyone here on the list has any idea what might have happened to my tuner and how to fix or troubleshoot it, I think I would appreciate that even more.
> >
> > Many thanks,
> >
> > George
> > KA7PHR
> >
>
>

[Non-text portions of this message have been removed]

5836. Re: [LDG-auto-tuners] Re: LDG AT1000 First generation

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-12-17 23:57:14 UTC
From: Rudi
Topic: 5832 Message: 5836

Dwayne,
Wear steel toed shoes!!!!
Happy Holidays to all!
Rudi

>_____
> From: Dwayne <ldgyahoo@...>
>To: LDG-auto-tuners@yahoogroups.com
>Sent: Monday, December 17, 2012 6:45 PM
>Subject: [LDG-auto-tuners] Re: LDG AT1000 First generation
>
>Hi George,
>
>I think we got the technical parts taken cared of today.
>
>The response time is much slower as we get closer toward the holidays. More people here are on vacation and it didn't help that I broke my foot last week by dropping a 50 pound power supply on it.
>
>I would guess we'll not see an improvement in phone response times until after the new year.
>
>Dwayne Kincaid
>
>
>
>--- In LDG-auto-tuners@yahoogroups.com, "alxnndr" <ka7phr@...> wrote:
>>
>> Hi,
>>
>> Apologies if this is in the wrong place, I have an LDG AT 1000 that appears to have stopped tuning. I see the needle bounces, but I'm still reading 3:1 on 40 and when I key up even after a reset I do not hear any relays clicking. I have tried connecting directly to the tuner and eliminating the Ameritron 811 from the mix, but I am getting the same lack of response. I hav a smaller 100 Pro II that tunes quite well with the same antenna and radio, but the AT 1000 does not seem to be doing anything.
>>
>> My second problem is with LDG in particular. Has anyone tried calling them recently? I have left voice mail and now email and I am getting no response. If anyone from LDG is here, I would appreciate a word back, and more importantly if anyone here on the list has any idea what might have happened to my tuner and how to fix or troubleshoot it, I think I would appreciate that even more.
>>
>> Many thanks,
>>

>> George
>> KA7PHR
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[Non-text portions of this message have been removed]

5837. Re: LDG AT1000 First generation

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-12-18 05:37:41 UTC
From: Dwayne
Topic: 5832 Message: 5837

Hi Rudi,

Steel toed shoes (which I have) would not have helped. It was higher up the foot and got the #5 Metatarsal.

Dwayne Kincaid

--- In LDG-auto-tuners@yahoogroups.com, Rudi wrote:

Dwayne,
Wear steel toed shoes!!!!
Happy Holidays to all!
Rudi

_____
From: Dwayne
To: LDG-auto-tuners@yahoogroups.com
Sent: Monday, December 17, 2012 6:45 PM
Subject: [LDG-auto-tuners] Re: LDG AT1000 First generation

Hi George,

I think we got the technical parts taken cared of today.

The response time is much slower as we get closer toward the holidays. More people here are on vacation and it didn't help that I broke my foot last week by dropping a 50 pound power supply on it.

I would guess we'll not see an improvement in phone response times until after the new year.

Dwayne Kincaid

--- In LDG-auto-tuners@yahoogroups.com, "alxnndr" wrote:

Hi,

Apologies if this is in the wrong place, I have an LDG AT 1000 that appears to have stopped tuning. I see the needle bounces, but I'm still reading 3:1 on 40 and when I key up even after a reset I do not hear any relays clicking. I have tried connecting directly to the tuner and eliminating the Ameritron 811 from the mix, but I am getting the same lack of response. I hav a smaller 100 Pro II that tunes quite well with the same antenna and radio, but the AT 1000 does not seem to be doing anything.

My second problem is with LDG in particular. Has anyone tried calling them recently? I have left voice mail and now email and I am getting no response. If anyone from LDG is here, I would appreciate a word back, and more importantly if anyone here on the list has any idea what might have happened to my tuner and how to fix or troubleshoot it, I think I

would appreciate that even more.

Many thanks,

George
KA7PHR

Yahoo! Groups Links

[Non-text portions of this message have been removed]

5838. Re: [LDG-auto-tuners] Re: LDG AT1000 First generation

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-12-18 13:11:22 UTC
From: Rudi
Topic: 5832 Message: 5838

Ouch!
Hope you'll be ok and more carefull in the future!
Rudi

>_____
> From: Dwayne <ldgyahoo@...>
>To: LDG-auto-tuners@yahoogroups.com
>Sent: Tuesday, December 18, 2012 12:37 AM
>Subject: [LDG-auto-tuners] Re: LDG AT1000 First generation
>
>Hi Rudi,
>
>Steel toed shoes (which I have) would not have helped. It was higher up the foot and got the #5 Metatarsal.
>
>Dwayne Kincaid
>
>--- In LDG-auto-tuners@yahoogroups.com, Rudi wrote:
>
>Dwayne,
>Wear steel toed shoes!!!!
>Happy Holidays to all!
>Rudi
>
>
>
>
>
>_____
> From: Dwayne
>To: LDG-auto-tuners@yahoogroups.com
>Sent: Monday, December 17, 2012 6:45 PM
>Subject: [LDG-auto-tuners] Re: LDG AT1000 First generation
>
>Hi George,
>
>I think we got the technical parts taken cared of today.
>
>The response time is much slower as we get closer toward the holidays. More people here are on vacation and it didn't help that I broke my foot last week by dropping a 50 pound power supply on it.
>
>I would guess we'll not see an improvement in phone response times until after the new year.
>

>Dwayne Kincaid
>
>
>
>--- In LDG-auto-tuners@yahoogroups.com, "alxnndr" wrote:
>
> Hi,
>
> Apologies if this is in the wrong place, I have an LDG AT 1000 that appears to have stopped tuning. I see the needle bounces, but I'm still reading 3:1 on 40 and when I key up even after a reset I do not hear any relays clicking. I have tried connecting directly to the tuner and eliminating the Ameritron 811 from the mix, but I am getting the same lack of response. I hav a smaller 100 Pro II that tunes quite well with the same antenna and radio, but the AT 1000 does not seem to be doing anything.
>
> My second problem is with LDG in particular. Has anyone tried calling them recently? I have left voice mail and now email and I am getting no response. If anyone from LDG is here, I would appreciate a word back, and more importantly if anyone here on the list has any idea what might have happened to my tuner and how to fix or troubleshoot it, I think I would appreciate that even more.
>
> Many thanks,
>
> George
> KA7PHR
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5839. Re: I'm using a LDG tuner with this QRP antenna and it's working very well!

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-12-20 00:33:44 UTC
From: grosseindienne
Topic: 5687 Message: 5839

You might find more info here:

http://www.qth.at/oe7opj/images2/Antennen/antenn16.gif
http://www.qth.at/oe7opj/images2/Antennen/antenn17.gif
http://www.qth.at/oe7opj/images2/Chameleon_HF_Multi_Zepp800.jpg

or somewhere here:

http://www.qth.at/oe7opj/antennen.htm#top

73
-C

5840. Re: [LDG-auto-tuners] Re: I'm using a LDG tuner with this QRP antenna and it's working very well!

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-12-20 02:39:08 UTC
From: Rudi
Topic: 5687 Message: 5840

Great info!
Rudi

>_____
> From: grosseindienne <carl.lavoie.1973@...>
>To: LDG-auto-tuners@yahoogroups.com
>Sent: Wednesday, December 19, 2012 7:33 PM
>Subject: [LDG-auto-tuners] Re: I'm using a LDG tuner with this QRP antenna and it's working very well!
>
>
>
>You might find more info here:
>
>http://www.qth.at/oe7opj/images2/Antennen/antenn16.gif
>http://www.qth.at/oe7opj/images2/Antennen/antenn17.gif
>http://www.qth.at/oe7opj/images2/Chameleon_HF_Multi_Zepp800.jpg
>
>or somewhere here:
>
>http://www.qth.at/oe7opj/antennen.htm#top
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[Non-text portions of this message have been removed]

5841. AT-100Pro on 160 meters

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-12-20 14:42:22 UTC
From: cadiscase
Topic: 5841 Message: 5841

I am using the AT-100 Pro on a dipole ant.
The unit works good on all bands but 160 meters.
When I apply power [FT-101EE 50 watts] to the tuner on 160 it seeks for a match and finds it at less than 1.5 SWR.
I have the threshhold at 2.0.
The next time I apply power to the tuner it retunes again.
It should not retune since it found a match and does not retune on other bands, but only on 160 meters.
I do have the tuner grounded.

Any fixes?
I think I have the latest version 1.3 of software.

Thanks

5844. Re: Ldg 600 pro autotuner issue

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-12-23 09:04:46 UTC
From: Dana
Topic: 5659 Message: 5844

This week my AT-600Pro has begun locking up when the TX (K3) is in Tune mode (no interface). It may make an attempt to tune but it quickly locks consistently. It usually (but not always) displays 3 leds on the top bar and all leds on the bottom bar. I can reset by unplugging the power, but it locks the next time I try. I don't know if this is the same problem or something new.

Thanks for your assistance
Dana Phillips N6DW
4713 Dickens Drive
Granite Bay, CA 95746
916.791.7181
916.521.0453

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
> Vince or anyone else having this issue with an AT-600Pro or AT-1000ProII, please contact us directly with your mailing address. It seems that we may have had a batch of processors that does not like to be turned on and off a lot.
>
> We'll be happy to send you a new processor.
>
> Dwayne Kincaid
> LDG
>
> --- In LDG-auto-tuners@yahoogroups.com, Vince <k7na6@> wrote:
> >
> > As I indicated in my post a few weeks ago, I am experiencing exactly the same issue with my AT-1000ProII auto tuner. My current work around is that I have the tuner connected to a small 13.8 VDC power supply dedicated only for use with the tuner. When the tuner power button fails to operate, I reach over and flip the power supply off and back on, saving me having to physically remove the DC power cable from the back of the tuner.
> > This issue appears to be systemic and appears to affect the 600Pro and the 1000ProII. I hope LDG will get to the bottom of it quickly and let us all know what is happening and how to resolve it.
> >
> > Vince
> >
>

5845. at 897 weakness

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-12-26 09:13:45 UTC
From: john
Topic: 5845 Message: 5845

not a megger big problem but i will be changing the single hole mount rf sockets on my at897 to the 4 hole mount type the damm things keep getting loose

5846. Really Confusing Z11 Pro 2 Behaviour

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-12-26 22:18:23 UTC
From: pjayuk
Topic: 5846 Message: 5846

Hi Guys from the UK

I really hope someone can help me understand whats going on with my Z11 Pro 2 as I am currently thinking of selling it as its driving me mad!

I have it connected to my FT-897D (no ACC connection)with an inline SWR bridge which is connected directly to the radio. So in order it goes Radio --> SWR Bridge --> Z11 --> Antenna. My antenna is a multiband off centre fed dipole up about 20 feet at the end of my garden, its connected to a long feeder of around 180 feet of RG213/U coax which enters the shack. According to the manufacturer the antenna should be usable on 20,17, 15, 12, 10 and 6M. According my readings the antenna present a swr of 1.5 on 20 with the rest of its range at around 2.5 - 3.5. I want to use the Z11 to bring the SWR down as low as possible, which the internal ATU in the FT-450D does with ease across all the bands that I use this antenna on.

The Z11 has no problem getting a perfect 1:1 match on 20M and 10M. On the 15M band it chatters away for a good few seconds before displaying the "no match found" LED sequence. The same applies to 12 and 6M making these bands unusable with the Z11 Pro2 inline (as I also cant get it to bypass properly either!).

Watching the SWR meter during the tuning process I can see that the SWR goes well into the red zone on the meter before the tuner gives up without a match. This doesnt seem right to me especially given the SWR on 15M is only around 3 to begin with I would expect any tuner to be able to easily match as indeed the internal one in my FT450D does without any issues.

So any help here would be hugely appreciated I would love to know if I am using this thing incorrectly or perhaps if it might be faulty?

Thanks and 73

Paul 2E0PJY

5847. Re: Really Confusing Z11 Pro 2 Behaviour

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-12-27 09:04:13 UTC
From: pjayuk
Topic: 5846 Message: 5847

Just for clarification, I am using the LDG tuner with my FT897 but also have an FT450D in the shack which I have been using for my comparisons. it wasn't too clear on the original post.

73 DE Paul.

--- In LDG-auto-tuners@yahoogroups.com, "pjayuk" <paul.jay@...> wrote:
>
> Hi Guys from the UK
>
> I really hope someone can help me understand whats going on with my Z11 Pro 2 as I am currently thinking of selling it as its driving me mad!
>
> I have it connected to my FT-897D (no ACC connection)with an inline SWR bridge which is connected directly to the radio. So in order it goes Radio --> SWR Bridge --> Z11 --> Antenna. My antenna is a multiband off centre fed dipole up about 20 feet at the end of my garden, its connected to a long feeder of around 180 feet of RG213/U coax which enters the shack. According to the manufacturer the antenna should be usable on 20,17, 15, 12, 10 and 6M. According my readings the antenna present a swr of 1.5 on 20 with the rest of its range at around 2.5 - 3.5. I want to use the Z11 to bring the SWR down as low as possible, which the internal ATU in the FT-450D does with ease across all the bands that I use this antenna on.
>
> The Z11 has no problem getting a perfect 1:1 match on 20M and 10M. On the 15M band it chatters away for a good few seconds before displaying the "no match found" LED sequence. The same applies to 12 and 6M making these bands unusable with the Z11 Pro2 inline (as I also cant get it to bypass properly either!).
>
> Watching the SWR meter during the tuning process I can see that the SWR goes well into the red zone on the meter before the tuner gives up without a match. This doesnt seem right to me especially given the SWR on 15M is only around 3 to begin with I would expect any tuner to be able to easily match as indeed the internal one in my FT450D does without any issues.
>
> So any help here would be hugely appreciated I would love to know if I am using this thing incorrectly or perhaps if it might be faulty?
>
> Thanks and 73
>
> Paul 2E0PJY
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5848. Re: [LDG-auto-tuners] Re: Really Confusing Z11 Pro 2 Behaviour

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-12-27 13:09:21 UTC
From: Leonard K. Pennock
Topic: 5846 Message: 5848

Are you running a choke on the coax. The kind of problem you describe
sounds like RF on the Coax messing with the LDG.

On 12/27/2012 02:04 AM, pjayuk wrote:
> Just for clarification, I am using the LDG tuner with my FT897 but also have an FT450D in the shack which I have been using for my comparisons. it wasn't too clear on the original post.
>
> 73 DE Paul.
>
> --- In LDG-auto-tuners@yahoogroups.com, "pjayuk" <paul.jay@...> wrote:
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>> Hi Guys from the UK
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>> I really hope someone can help me understand whats going on with my Z11 Pro 2 as I am currently thinking of selling it as its driving me mad!
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>> I have it connected to my FT-897D (no ACC connection)with an inline SWR bridge which is connected directly to the radio. So in order it goes Radio --> SWR Bridge --> Z11 --> Antenna. My antenna is a multiband off centre fed dipole up about 20 feet at the end of my garden, its connected to a long feeder of around 180 feet of RG213/U coax which enters the shack. According to the manufacturer the antenna should be usable on 20,17, 15, 12, 10 and 6M. According my readings the antenna present a swr of 1.5 on 20 with the rest of its range at around 2.5 - 3.5. I want to use the Z11 to bring the SWR down as low as possible, which the internal ATU in the FT-450D does with ease across all the bands that I use this antenna on.
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>> The Z11 has no problem getting a perfect 1:1 match on 20M and 10M. On the 15M band it chatters away for a good few seconds before displaying the "no match found" LED sequence. The same applies to 12 and 6M making these bands unusable with the Z11 Pro2 inline (as I also cant get it to bypass properly either!).
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>> Watching the SWR meter during the tuning process I can see that the SWR goes well into the red zone on the meter before the tuner gives up without a match. This doesnt seem right to me especially given the SWR on 15M is only around 3 to begin with I would expect any tuner to be able to easily match as indeed the internal one in my FT450D does without any issues.
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>> So any help here would be hugely appreciated I would love to know if I am using this thing incorrectly or perhaps if it might be faulty?
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>> Thanks and 73
>>
>> Paul 2E0PJY
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> Yahoo! Groups Links
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Leonard K. Pennock
AD7AS

Those who walk bravely through life, unafraid of loss or failure,
find that they very rarely lose or fail.

5849. Re: Really Confusing Z11 Pro 2 Behaviour

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-12-27 20:23:44 UTC
From: pjayuk
Topic: 5846 Message: 5849

Hi Leonard

Well I am amazed thanks so much for your advice. I removed the 8 turns of coax at the foot of the antenna and the tuner now tunes perfectly on all bands (apart from 50Mhz but I am not too worried about that). I guess though this does raise a couple of questions...

1 Whats the theory behind why the choke would cause the tuner to behave in this way?

2 How did the internal ATU in my FT450D which has a much poorer tuning range manage to tune the antenna when the Z11 Pro 2 wouldnt?

All in all I am very happy with the unit now and wont be selling it but would be interesting in learning why the above are the case!

73 and happy new year

Paul 2E0PJY

--- In LDG-auto-tuners@yahoogroups.com, "Leonard K. Pennock" <leonardpennock@...> wrote:
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> sounds like RF on the Coax messing with the LDG.
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> > Yahoo! Groups Links
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5850. Re: [LDG-auto-tuners] Re: Really Confusing Z11 Pro 2 Behaviour

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-12-27 20:59:29 UTC
From: Hank Greeb
Topic: 5846 Message: 5850

Answer to Q - 1: I'll leave it to the experts, but you have an unbalanced (coaxial cable) line feeding an unbalanced windom, so it seems a crap shoot to me that anything works. You MUST have RF on the outside of the coax. If the transmitter end is at a "hot" wavelength away from the feed point of the antenna you could have mucho RF getting inside the Z-11. But, as my pappy told me, when I was knee high to a grasshopper, sitting on his knee whilst he was making contacts on AM (back in the 40's and 50's before SSB), "If it works, don't screw with it."

Answer to Question II - My guess, based on practical experience, is that the ATU in your FT-450 was completely shielded from any RF floating around the outside of the coax, and therefore "saw" what the coax presented. With the extra (short) coax between the Rig and the 897 and a DC connection and "tune" wires connected externally, there were several paths for RF to get into the innards of the Z-11. You might verify this by trying to run your 897 @ <5 watts, and see if you'd get a match. There would be about 13 dB different in circulating currents on the outside of the coax, so the Z-11 might work fine at QRP levels. That might "prove" that the problem was/is due to antenna currents existing on the outside of the coax.

But, since you've figured out a way to accomplish your goal, you might just take the advice of my pappy and run with it.

72/73 de n8xx Hg
QRP >99.44% of the time

On 12/27/2012 3:23 PM, pjayuk wrote:
> Hi Leonard
>
> Well I am amazed thanks so much for your advice. I removed the 8 turns of coax at the foot of the antenna and the tuner now tunes perfectly on all bands (apart from 50Mhz but I am not too worried about that). I guess though this does raise a couple of questions...
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> 1 Whats the theory behind why the choke would cause the tuner to behave in this way?
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> All in all I am very happy with the unit now and wont be selling it but would be interesting in learning why the above are the case!
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> 73 and happy new year
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5851. Re: [LDG-auto-tuners] Re: Really Confusing Z11 Pro 2 Behaviour

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-12-28 07:02:20 UTC
From: Timothy-Allen Albertson
Topic: 5846 Message: 5851

basic engineering principle your dad taught you, its like if it aint broke dont fix it, and, KISS. principles ignored by our beloved software engineers.

--
72/73 TIM ALBERTSON KD∅OIA (ex KG6IRH)

On Thu, Dec 27, 2012 at 2:59 PM, Hank Greeb <n8xx@...> wrote:

> **
>
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> Answer to Q - 1: I'll leave it to the experts, but you have an
> unbalanced (coaxial cable) line feeding an unbalanced windom, so it
> seems a crap shoot to me that anything works. You MUST have RF on the
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> 72/73 de n8xx Hg
> QRP >99.44% of the time
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5852. Re: Really Confusing Z11 Pro 2 Behaviour

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-12-28 17:36:13 UTC
From: g4try
Topic: 5846 Message: 5852

An interesting problem - and set of replies.

I had problems with my Z-11 Pro that seem quite similar - and my antenna is one of M0CVO's off-centre fed dipoles. My experience (shared on here some time ago) was that the tuner worked fine, but once the power level was raised (sometimes not very far!) it appeared to "lose" its setting and didn't regain it.

I fitted a good RF earth system, and tried all manner of RF chokes and "isolators" between the antenna and the radio setup. I replaced the entire feedline with better coax (not that the original was either particularly bad or very old) and finally managed to get the thing to behave - I recorded this achievement here on the forum, and felt pretty pleased with myself. Unfortunately, when I went to repeat my tests the next day, the problem was back.

I fought on with the setup for another couple of days, then decided I was just wasting my "hobby time" - so I put the Z-11 in the cupboard and got my old MFJ 969 out. (I didn't fancy coming back to the forum on the subject - not because there was any adverse comment or criticism, but because I thought I'd tried all the likely advice, so maybe I'd bought a duff unit from eBay).

Recently, I decided to have another go, going right back to basics. Spent a few hours testing, disconnecting bits of equipment, swapping things round and so-on - and suddenly the problem was gone. All I'd done was to refit a cable in its original position - I can only conclude that the finish on the PL259 was somehow imperfect, giving the impression that it was fully tight but not providing a sound connection once the power was increased.

I'm not sure where that leaves me, but I suspect the tuners are really rather sensitive to a bit of stray RF, and that the RF came from the poor plug connection acting like a "rusty bolt". I was not aware of (and certainly could not detect any) stray RF in the shack, but I cannot see an alternative conclusion. My tuner has behaved perfectly since then (only about a week, I admit) - tunes my HP-40 on all bands from 3.5 to 50MHz.

My antenna, like yours, is not high - only about 20 feet up at the feedpoint. I probably have 60 to 70 feed of feeder in total. The only concession to trying to limit RF on the coax is 12 turns of coax (Mini-8) on a Fair-rite FT240-43 toroid where the coax enters the shack.

Not sure whether any of this is of benefit to you now you've got things working (and I do endorse the view that "if it ain't broke, don't fix it"), but I thought it was worth sharing the learning points.

Thoughts welcome.

All the best (and Happy New Year to all!)

Tony M (G4TRY)

5853. Re: Really Confusing Z11 Pro 2 Behaviour

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-12-28 22:22:37 UTC
From: pjayuk
Topic: 5846 Message: 5853

Hi Tony

Very interesting and similar problem to mine. I too had though about getting my manual Palstar tuner out but the LDG seems to be behaving so far. What I am confused about is the internal ATU in my FT450D has no problem tuning all the frequencies that the M0CVO HW20 claim to be usable on however the 450D is not the radio I use most often I prefer my 897D with the LDG Z11 Pro2. I am surprised that the rather limited range internal ATU has no problem and the LDG does.

The Palstar however would tune a pair of the wifes panties if only I could string them up on the mast (not sure if I would need a balun)...

I am going to take your advice and disconnect everything and reconnect to look for a dodgy connector although since an earlier post I removed a coax choke and things are much better!

73 DE Paul

--- In LDG-auto-tuners@yahoogroups.com, "g4try" <boris.bandit@...> wrote:
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> I fitted a good RF earth system, and tried all manner of RF chokes and "isolators" between the antenna and the radio setup. I replaced the entire feedline with better coax (not that the original was either particularly bad or very old) and finally managed to get the thing to behave - I recorded this achievement here on the forum, and felt pretty pleased with myself. Unfortunately, when I went to repeat my tests the next day, the problem was back.
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> Thoughts welcome.
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> All the best (and Happy New Year to all!)
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> Tony M (G4TRY)
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5854. Re: Really Confusing Z11 Pro 2 Behaviour

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-12-29 16:34:51 UTC
From: na5ss
Topic: 5846 Message: 5854

I had exactly the same problem with my Z-11Pro II that would not tune on 15 meters. I fixed the problem by adding a coaxial balun inside of the shack. I uploaded some pictures in the photos section.

Thanks for the posts to resolve the problem.

73,

Mike, NA5SS

--- In LDG-auto-tuners@yahoogroups.com, "pjayuk" <paul.jay@...> wrote:
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5855. Icom 7200 60meters

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-12-31 11:25:37 UTC
From: chuckl689
Topic: 5855 Message: 5855

Hi,
Thought I would try and tune 5mHz and the it 100 would not tune up the antenna......there are lots of questions here just don't know which ones to ask. Any ideas? Does the 7200 need a mod to work this band?
A good website with information on 5Mhz operation with the 7200?

Thanks,
Chuck
KA3EHL

5856. LDG AT-1000Pro Autotuner not tuning

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-12-31 01:48:37 UTC
From: caymann
Topic: 5856 Message: 5856

I am trying to use this tuner in Auto or manual mode and i am not able to get a low SWR

I have a Flexradio 3000 which has a TUNE button and sends 10W out.
I have set the tuner into AUTO mode and ANT1 has antenna connected

I can easily tune the antenna with the built in tuner on my Flex 3000 radio. However i want to use a 500W amplifier and hence the need for the AT-1000Pro tuner.

The tuner initiates the process and eventually gives up....i think.
The LEDs (all of them) blinks three times when it is done.
I read a high SWR on the radio and close of 5W of reflected power when i am sending 10W out to tune.

I set the AT-1000Pro to look for a 1.2 SWR

Any way to get this tuner going?

best regards
jim

5857. KT-100 with TS-480SAT

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-12-31 03:46:40 UTC
From: Avery
Topic: 5857 Message: 5857

Please help with advice on using a KT-100 with a TS-480SAT. Both were purchased recently. I think I have followed the instructions correctly. The KT-100 is connected to ANT 1 jack, and menu #27 is set to At1. But when I press the AT button, nothing happens. When I hold the AT button, after a second the display momentarily flashes "R < AT > T", and the red LED on the KT-100 flashes four times, but no tuning took place. I tried reducing the power to 10W, then transmitting CW while holding the AT button, and the KT-100 does tune just fine (same as when I press the front panel tune button, the red LED comes on while I hear the relays chatter, the red goes out and the green LED comes on). With my antenna, the SWR goes from about 3:1 to about 1.1:1 according to the TS-480SAT display. But, the "AT" area of the TS-480SAT display remains blank, unlike when I use the internal tuner (i.e., I get the "R < AT > T" icon). I got the KT-100 to use as a remote tuner, so I have cut the supplied control/power cable to splice in longer wires, and I have double and triple-checked the wiring for correctness. My question is, what else can I do to get this KT-100 to work "transparently" (i.e., just like the internal tuner)? Or is it supposed to work this way?

Thanks & 73,
Avery, WB4RTP
Tucson, Arizona

5858. Re: [LDG-auto-tuners] LDG AT-1000Pro Autotuner not tuning

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2012-12-31 13:46:47 UTC
From: Jim Lynch
Topic: 5856 Message: 5858

On 12/30/2012 08:48 PM, caymann wrote:
> I am trying to use this tuner in Auto or manual mode and i am not able to get a low SWR
>
> I have a Flexradio 3000 which has a TUNE button and sends 10W out.
> I have set the tuner into AUTO mode and ANT1 has antenna connected
>
> I can easily tune the antenna with the built in tuner on my Flex 3000 radio. However i want to use a 500W amplifier and hence the need for the AT-1000Pro tuner.
>
> The tuner initiates the process and eventually gives up....i think.
> The LEDs (all of them) blinks three times when it is done.
> I read a high SWR on the radio and close of 5W of reflected power when i am sending 10W out to tune.
>
> I set the AT-1000Pro to look for a 1.2 SWR
Hi, Jim,

I have a FT-990 in front of my AT01000Pro that I can reduce power down
to 10 W. I attempted to tune non resonant antennas with over 5:1 swr.
The tuner did take a few seconds to tune, but it got down to nearly 1:1.
I tried it on a number of combinations of antennas and frequencies and
it worked every time so I don't think it's a design problem. With the
AT-1000 in standby, can you tune with the Flex?

I found out the hard way that when the tuner is powered off, Antenna 2
is selected in passthru mode.

I haven't tried loading a wet string yet, however. ;)

Jim.

5859. Re: [LDG-auto-tuners] LDG AT-1000Pro Autotuner not tuning

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-01-01 01:08:25 UTC
From: KK2DOG in NY
Topic: 5856 Message: 5859

The default of the tuner is ANT 2.
Try connecting your antenna to ANT2.

KK2DOG
Owner/Admin
www.hamwave.com

_____
From: caymann <jimbasu67@...>
To: LDG-auto-tuners@yahoogroups.com
Sent: Sunday, December 30, 2012 8:48 PM
Subject: [LDG-auto-tuners] LDG AT-1000Pro Autotuner not tuning

I am trying to use this tuner in Auto or manual mode and i am not able to get a low SWR

I have a Flexradio 3000 which has a TUNE button and sends 10W out.
I have set the tuner into AUTO mode and ANT1 has antenna connected

I can easily tune the antenna with the built in tuner on my Flex 3000 radio. However i want to use a 500W amplifier and hence the need for the AT-1000Pro tuner.

The tuner initiates the process and eventually gives up....i think.
The LEDs (all of them) blinks three times when it is done.
I read a high SWR on the radio and close of 5W of reflected power when i am sending 10W out to tune.

I set the AT-1000Pro to look for a 1.2 SWR

Any way to get this tuner going?

best regards
jim

[Non-text portions of this message have been removed]

5860. Problem with AT-200 PRO

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-01-04 15:00:01 UTC
From: drbadness@sbcglobal.net
Topic: 5860 Message: 5860

My name is John
I have a problem with my AT-200PRO Autotuner, I made a mistake trying to re-hooking power to back of unit,I think I touched power plug to radio connector.
Now unit power button flashes Swr,Pwr flashes three units. I can not turn off unit or reset CPU. Any ideas?
John N8ZGQ

5861. AT-100 PROII AUTOTUNER

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-01-04 20:06:29 UTC
From: POB
Topic: 5861 Message: 5861

I have the above auto tuner, it works great.
I have attempted to have it tune my full length invee for 75 to 160 with no luck, besides building a 160 antenna, any hints on tuning it for 160.....my manual tuner will....
TNX
POB/K8LEN

5862. Yaesu FTDX3000D Suggestion

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-01-04 19:15:36 UTC
From: k7ler
Topic: 5862 Message: 5862

I just purchased the new Yaesu HF rig. A fellow at HRO suggested I get a separate tuner for the Yaesu even though it has one built-in.

I know LDG makes great products, but not sure if this is necessary or would be an improvement and wanted to get some input.

I do currently have an Icom 7000 and use the LDG 100 tuner specific for the Icom and has been a great setup with my Budistick antenna (I'm in an apartment situation with a balcony).

Thank you.

Lance K7LER

5863. AT-100Pro II - Can't get out of BYPASS mode

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-01-07 17:56:47 UTC
From: g3zdf
Topic: 5863 Message: 5863

Setting up my new AT-100 Pro II with 2 antennae. Tuner has gone into BYPASS mode on Ant 1 and 2 and cannot switch BYPASS off. Tried what the manual says but that doesn't work. Powered off and left off for about 10 mins but still the same.
Any suggestions anybody?
TIA
Joe G3ZDF

5864. z100 plus and diamond HF80CL

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-01-08 10:52:39 UTC
From: W1JWN
Topic: 5864 Message: 5864

Hi All,

I am trying to tune my new diamond HF80CL antenna to my Yaesu 857 for mobile use on 3.944 lsb... So far it will not tune to get good swr. I am using the LDG z100 plus. It only will go thru the cycle if I talk while keying up the mic. Otherwise it blinks 5 times and no cycle just keying up the mic.

If I talk it will cycle but it will not tune. I tried moving the top element up and down is small intervals but it still wont tune.

Any ideas on what I am doing wrong

John W1JWN

5865. Re: [LDG-auto-tuners] z100 plus and diamond HF80CL

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-01-08 18:02:32 UTC
From: Jimmy (WB8NBI)
Topic: 5864 Message: 5865

You need to put RF into the tuner use the CW or ritty mode if your radio has it if not try AM

DE Jimmy (WB8NBI)

From: W1JWN
Sent: Tuesday, January 08, 2013 5:52 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] z100 plus and diamond HF80CL

Hi All,

I am trying to tune my new diamond HF80CL antenna to my Yaesu 857 for mobile use on 3.944 lsb... So far it will not tune to get good swr. I am using the LDG z100 plus. It only will go thru the cycle if I talk while keying up the mic. Otherwise it blinks 5 times and no cycle just keying up the mic.

If I talk it will cycle but it will not tune. I tried moving the top element up and down is small intervals but it still wont tune.

Any ideas on what I am doing wrong

John W1JWN

[Non-text portions of this message have been removed]

5866. Re: [LDG-auto-tuners] AT-100Pro II - Can't get out of BYPASS mode

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-01-08 18:33:31 UTC
From: Joshua Mesilane
Topic: 5863 Message: 5866

Hi,

We're going to need to get a little bit of info first.

You know bypass is just another L/C combination right? By pressing one of the L/C up buttons to switch in some capacitance or inductance it should take the tuner out of bypass?

Have you tried setting the tuner in fully automatic mode and sending a carrier to see if it tunes?

What type of antenna are you using with the tuner, what is your feedline to the antenna, and what radio are you using?

Cheers,
Josh

VK3XJM
0416039082
josh@...
http://www.zindello.com.au/

On Tue, Jan 8, 2013 at 4:56 AM, g3zdf <g3zdf@btinternet.com> wrote:

> **
>
>
> Setting up my new AT-100 Pro II with 2 antennae. Tuner has gone into
> BYPASS mode on Ant 1 and 2 and cannot switch BYPASS off. Tried what the
> manual says but that doesn't work. Powered off and left off for about
> 10 mins but still the same.
> Any suggestions anybody?
> TIA
> Joe G3ZDF
>
>
>

[Non-text portions of this message have been removed]

5867. Re: [LDG-auto-tuners] z100 plus and diamond HF80CL

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-01-08 23:47:27 UTC
From: John Noble
Topic: 5864 Message: 5867

thank you Jimmy

This is W1JWN - John from Chester, Mass 01011

From: Jimmy (WB8NBI) <wb8nbi@...>
To: LDG-auto-tuners@yahoogroups.com
Sent: Tuesday, January 8, 2013 1:02 PM
Subject: Re: [LDG-auto-tuners] z100 plus and diamond HF80CL

You need to put RF into the tuner use the CW or ritty mode if your radio has it if not try AM

DE Jimmy (WB8NBI)

From: W1JWN
Sent: Tuesday, January 08, 2013 5:52 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] z100 plus and diamond HF80CL

Hi All,

I am trying to tune my new diamond HF80CL antenna to my Yaesu 857 for mobile use on 3.944 lsb... So far it will not tune to get good swr. I am using the LDG z100 plus. It only will go thru the cycle if I talk while keying up the mic. Otherwise it blinks 5 times and no cycle just keying up the mic.

If I talk it will cycle but it will not tune. I tried moving the top element up and down is small intervals but it still wont tune.

Any ideas on what I am doing wrong

John W1JWN

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

5868. LDG AT-1000 ProII full tuning cycle

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-01-12 21:36:11 UTC
From: cadiscase
Topic: 5868 Message: 5868

When I run my LDG AT-1000 ProII through a full tuning cycle, does it try ALL combinations of C and L ?

IN other words, is there any advantage to increasing C or L and then try a tuning cycle, - will this selection try more varied combinations than a full cycle.

Thanks

5869. Re: AT-100Pro II - Can't get out of BYPASS mode

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-01-13 16:35:18 UTC
From: g3zdf
Topic: 5863 Message: 5869

Thanks for the reply and sorry for the delay in acknowledging it.
Dwayne from LDG support pointed me in the right direction - just touch C up exactly as you mentioned. Now got it going OK.
As for the gear, Yaesu FT920 feeding a Windom through RG213 coax.
73
Joe g3zdf

--- In LDG-auto-tuners@yahoogroups.com, Joshua Mesilane wrote:
>
> Hi,
>
> We're going to need to get a little bit of info first.
>
> You know bypass is just another L/C combination right? By pressing one of
> the L/C up buttons to switch in some capacitance or inductance it should
> take the tuner out of bypass?
>
> Have you tried setting the tuner in fully automatic mode and sending a
> carrier to see if it tunes?
>
> What type of antenna are you using with the tuner, what is your feedline to
> the antenna, and what radio are you using?
>
> Cheers,
> Josh
>
>
> ---
> VK3XJM
> 0416039082
> josh@...
> http://www.zindello.com.au/
>
>
> On Tue, Jan 8, 2013 at 4:56 AM, g3zdf wrote:
>
> > **
> >
> >
> > Setting up my new AT-100 Pro II with 2 antennae. Tuner has gone into
> > BYPASS mode on Ant 1 and 2 and cannot switch BYPASS off. Tried what the
> > manual says but that doesn't work. Powered off and left off for about
> > 10 mins but still the same.
> > Any suggestions anybody?
> > TIA

> > Joe G3ZDF
> >
> >
> >
>
>
> [Non-text portions of this message have been removed]
>

5870. Performance on 6 meters

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-01-15 18:43:55 UTC
From: ae6rhxx
Topic: 5870 Message: 5870

I recently bought both an LDG 600 Pro tuner, and a Hex Beam Antenna from K4KIO.

after adding a 6 meter element to the Hexbeam, I was having some difficulty getting the LDG tuner to work properly on 6 meters. I had left another tuner in series with the tuner (an MFJ 962D) so I could use either tuner independently. this worked fine on 15 - 80 meters, but something started happening on 6.

It occurred to me that perhaps on 6 meters there was too much going on and there might be some ground loop or other interactions that only show up on 6, so next I removed the MFJ tuner.

as soon as I did that, the VSWR on the 6 meter Hexbeam dropped down to 1.1:1 from 50.0 to 50.8 MHz, and peaked at a ~3:1 around 53 MHz.

I just joined this group and did notice a lot of 6 meter issues. I'm still not saying the tuner will work on 6 meters as I didn't check it where the antenna is ~3:1, but that's next.

73

Ron
AE6RH

5871. Re: Performance on 6 meters

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-01-17 15:33:11 UTC
From: john
Topic: 5870 Message: 5871

not being funny but why are you trying to tune a "given load"
by 2 matchers/tuners on a single feeder , it seems to me you are asking for problems
--- In LDG-auto-tuners@yahoogroups.com, "ae6rhxx" wrote:
>
> I recently bought both an LDG 600 Pro tuner, and a Hex Beam Antenna from K4KIO.
>
> after adding a 6 meter element to the Hexbeam, I was having some difficulty getting the LDG tuner to work properly on 6 meters. I had left another tuner in series with the tuner (an MFJ 962D) so I could use either tuner independently. this worked fine on 15 - 80 meters, but something started happening on 6.
>
> It occurred to me that perhaps on 6 meters there was too much going on and there might be some ground loop or other interactions that only show up on 6, so next I removed the MFJ tuner.
>
> as soon as I did that, the VSWR on the 6 meter Hexbeam dropped down to 1.1:1 from 50.0 to 50.8 MHz, and peaked at a ~3:1 around 53 MHz.
>
> I just joined this group and did notice a lot of 6 meter issues. I'm still not saying the tuner will work on 6 meters as I didn't check it where the antenna is ~3:1, but that's next.
>
> 73
>
> Ron
> AE6RH
>

5872. Re: [LDG-auto-tuners] Performance on 6 meters

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-01-17 15:42:30 UTC
From: Leonard K. Pennock
Topic: 5870 Message: 5872

Guess you found out why the MFJ962D is only rated to 30MHz.

MFJ-962D ANTENNA TUNER, 1.5 KW, 1.8-30 MHZ, CN M, SW, BL

On 01/15/2013 11:43 AM, ae6rhxx wrote:
> I recently bought both an LDG 600 Pro tuner, and a Hex Beam Antenna from K4KIO.
>
> after adding a 6 meter element to the Hexbeam, I was having some difficulty getting the LDG tuner to work properly on 6 meters. I had left another tuner in series with the tuner (an MFJ 962D) so I could use either tuner independently. this worked fine on 15 - 80 meters, but something started happening on 6.
>
> It occurred to me that perhaps on 6 meters there was too much going on and there might be some ground loop or other interactions that only show up on 6, so next I removed the MFJ tuner.
>
> as soon as I did that, the VSWR on the 6 meter Hexbeam dropped down to 1.1:1 from 50.0 to 50.8 MHz, and peaked at a ~3:1 around 53 MHz.
>
> I just joined this group and did notice a lot of 6 meter issues. I'm still not saying the tuner will work on 6 meters as I didn't check it where the antenna is ~3:1, but that's next.
>
> 73
>
> Ron
> AE6RH
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

--
Leonard K. Pennock
AD7AS

Those who walk bravely through life, unafraid of loss or failure,
find that they very rarely lose or fail.

5873. Re: [LDG-auto-tuners] Performance on 6 meters

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-01-17 16:11:56 UTC
From: Charles Scott
Topic: 5870 Message: 5873

Leonard:

This seems to be the case. This comment caused me to look up internal pictures of the MFJ962D to see how it's wired. (I believe the picture below is correct.)

http://kitty.rimtai.com/chtr/products/MFJ/images/MFJ-962D-2.jpg

When you look at the way the connections are run between the SO-239s and the coax selector switch it's pretty clear there could be a problem on 50MHz, even when in bypass. Individual units may even be worse.

Chuck - N8DNX

On 1/17/2013 10:42 AM, Leonard K. Pennock wrote:
> Guess you found out why the MFJ962D is only rated to 30MHz.
>
> MFJ-962D ANTENNA TUNER, 1.5 KW, 1.8-30 MHZ, CN M, SW, BL
>

5874. Coaxial power jack on Z-11 (non-pro)

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-01-18 01:35:17 UTC
From: Charlier26
Topic: 5874 Message: 5874

I have a Z-11 QRP tuner. The power jack looks like a 2.1mm jack, but the plugs I have wont fit in. Can anyone give me the specs for the plug? Thanks.

Charlie KB8BWE

5875. Re: [LDG-auto-tuners] Coaxial power jack on Z-11 (non-pro)

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-01-18 01:40:54 UTC
From: Michael Walker
Topic: 5874 Message: 5875

I think it is a 2.5mm plug.

Mike va3mw

On Thu, Jan 17, 2013 at 8:35 PM, Charlier26 <charlier26@...> wrote:

> **
>
>
> I have a Z-11 QRP tuner. The power jack looks like a 2.1mm jack, but the
> plugs I have wont fit in. Can anyone give me the specs for the plug? Thanks.
>
> Charlie KB8BWE
>
>
>

[Non-text portions of this message have been removed]

5876. Re: Coaxial power jack on Z-11 (non-pro)

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-01-18 01:50:24 UTC
From: Charlier26
Topic: 5874 Message: 5876

Mike, I'm trying to fit a 2.1mm ID, 5.5mm OD plug into the jack, and my plug is apparently too BIG, not too small.

Charlie KB8BWE

--- In LDG-auto-tuners@yahoogroups.com, Michael Walker wrote:
>
> I think it is a 2.5mm plug.
>
> Mike va3mw
>
>
> On Thu, Jan 17, 2013 at 8:35 PM, Charlier26 wrote:
>
> > **
> >
> >
> > I have a Z-11 QRP tuner. The power jack looks like a 2.1mm jack, but the
> > plugs I have wont fit in. Can anyone give me the specs for the plug? Thanks.
> >
> > Charlie KB8BWE
> >
> >
> >
>
>
> [Non-text portions of this message have been removed]
>

5877. Re: Coaxial power jack on Z-11 (non-pro)

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-01-18 02:12:08 UTC
From: Charlier26
Topic: 5874 Message: 5877

Found the answer on their website. You were correct. 2.5mm x 5.5mm.
Guess it was the center pin of the jack being too big that wasn't letting me plug it in.

--- In LDG-auto-tuners@yahoogroups.com, "Charlier26" wrote:
>
> Mike, I'm trying to fit a 2.1mm ID, 5.5mm OD plug into the jack, and my plug is
apparently too BIG, not too small.
>
> Charlie KB8BWE
>
> --- In LDG-auto-tuners@yahoogroups.com, Michael Walker wrote:
> >
> > I think it is a 2.5mm plug.
> >
> > Mike va3mw
> >
> >
> > On Thu, Jan 17, 2013 at 8:35 PM, Charlier26 wrote:
> >
> > > **
> > >
> > >
> > > I have a Z-11 QRP tuner. The power jack looks like a 2.1mm jack, but the
> > > plugs I have wont fit in. Can anyone give me the specs for the plug? Thanks.
> > >
> > > Charlie KB8BWE
> > >
> > >
> > >
> > >
> > >
> > > [Non-text portions of this message have been removed]
> >
>

5878. Re: Performance on 6 meters

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-01-18 02:33:34 UTC
From: ae6rhxx
Topic: 5870 Message: 5878

Thanks for all the feedback. I have taken the MFJ tuner out of the setup & now the LDG tuner works somewhat when I try to tune the Hexbeam above 52 MHz, where the match starts to approach 3:1.

But the best the LDG seems to be able to tune is ~ 1.8:1.

When I check on 50.125 or thereabouts, the VSWR with the tuner off is very low; ~ 1.2:1 max. so I really don't need the LDG tuner at all; but, after reviewing your comments on the MFJ tuner not designed to work at 50 MHz, it occurs to me that I also have an Ameritron 811 amplifier in the circuit, and even though it's off, and in the bypass mode, it's still could be contributing to a similar problem? maybe I need to re layout the station so that the amplifier is only in the link from 10 - 80 meters?

What I'm really curious about is have any of you used an LDG tuner on 6 meters, and was it capable of bringing the VSWR down to < 1.3:1?

--- In LDG-auto-tuners@yahoogroups.com, "ae6rhxx" wrote:
>
> I recently bought both an LDG 600 Pro tuner, and a Hex Beam Antenna from K4KIO.
>
> after adding a 6 meter element to the Hexbeam, I was having some difficulty getting the LDG tuner to work properly on 6 meters. I had left another tuner in series with the tuner (an MFJ 962D) so I could use either tuner independently. this worked fine on 15 - 80 meters, but something started happening on 6.
>
> It occurred to me that perhaps on 6 meters there was too much going on and there might be some ground loop or other interactions that only show up on 6, so next I removed the MFJ tuner.
>
> as soon as I did that, the VSWR on the 6 meter Hexbeam dropped down to 1.1:1 from 50.0 to 50.8 MHz, and peaked at a ~3:1 around 53 MHz.
>
> I just joined this group and did notice a lot of 6 meter issues. I'm still not saying the tuner will work on 6 meters as I didn't check it where the antenna is ~3:1, but that's next.
>
> 73
>
> Ron
> AE6RH
>

5879. Yaesu FT-950 with LDG AT-600 PRO or PRO II ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-01-18 05:57:31 UTC
From: bob.k6rwm
Topic: 5879 Message: 5879

Brand new to the group. I am considering buying the AT-600 PRO II for use with my FT-950. I am using a full size G5RV at 40 feet, and the auto tuner in the Yaesu just will not hack it. Right now I am using a Palstar AT1500CV, which seems to work okay, but I really want to get an auto tuner. Jumping from band to band on PSK or whatever takes some time with the manual tuner. I may be able to fine tune the Palstar to a lower SWR than with the LDG, but I feel the difference would be minimal. What's a few watts between friends?

All that to say, or ask, does anyone have any experience with this combination? I would be interested in hearing your input, good or bad before I run out an spend money.

73

Bob -- K6RWM

5880. Re: [LDG-auto-tuners] Yaesu FT-950 with LDG AT-600 PRO or PRO II ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-01-18 12:36:56 UTC
From: Leonard K. Pennock
Topic: 5879 Message: 5880

LDG is a nice tuner. I use a AT200pro. Keep in mind that the AT600 doesn't interface directly to the radio. By this I mean that the tune button on the tuner will not make the radio tune (there is away but you would need a special cable to the linear jack). It really is not a issue though. LDG tuners will start tuning as soon as they see RF and the fold back in the radio will protect the finals until a tune is reached; however, if you believe you need to turn the power down while tuning, you will need to change modes and set power manually. I have the power turned down on AM and just switch to AM when I want to send a carrier tune.

On 01/17/2013 10:57 PM, bob.k6rwm wrote:
> Brand new to the group. I am considering buying the AT-600 PRO II for use with my FT-950. I am using a full size G5RV at 40 feet, and the auto tuner in the Yaesu just will not hack it. Right now I am using a Palstar AT1500CV, which seems to work okay, but I really want to get an auto tuner. Jumping from band to band on PSK or whatever takes some time with the manual tuner. I may be able to fine tune the Palstar to a lower SWR than with the LDG, but I feel the difference would be minimal. What's a few watts between friends?
>
> All that to say, or ask, does anyone have any experience with this combination? I would be interested in hearing your input, good or bad before I run out an spend money.
>
> 73
>
> Bob -- K6RWM
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

--
Leonard K. Pennock
AD7AS

Those who walk bravely through life, unafraid of loss or failure,
find that they very rarely lose or fail.

5881. Re: Performance on 6 meters

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-01-18 15:29:50 UTC
From: w0sgm
Topic: 5870 Message: 5881

>
> What I'm really curious about is have any of you used an LDG tuner on 6 meters, and was it capable of bringing the VSWR down to < 1.3:1?
>

yes and yes.I have a Z11 Pro and a Z11 Pro II,both work/tune 6m
both a 40m loop or a 31' vert.
The tuning range is less on 6m than on hf.
Have you tried to manually get the swr down after an auto tune?
(C up C down, L up L down with a carrier applied) A lot of times I can get a little better swr doing that

Scott W0SGM

5882. Re: Performance on 6 meters

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-01-18 15:48:17 UTC
From: ae6rhxx
Topic: 5870 Message: 5882

thanks Scott,

I have tried manually tuning and I still only get ~ 2:1 best;

so now I'm going to disconnect the 811 amplifier, which also is not specked above 30 MHz, and see what happens?

When I measure the VSWR on my K3 meter at 50.125 MHz, I get very low readings; 1.2:1 max and the signal is still going thru the amplifier, but it may be the combination of tuner AND amplifier that's getting involved.

73

--- In LDG-auto-tuners@yahoogroups.com, "w0sgm" wrote:
>
> >
> > What I'm really curious about is have any of you used an LDG tuner on 6 meters, and was it capable of bringing the VSWR down to < 1.3:1?
> >
>
>
> yes and yes.I have a Z11 Pro and a Z11 Pro II,both work/tune 6m
> both a 40m loop or a 31' vert.
> The tuning range is less on 6m than on hf.
> Have you tried to manually get the swr down after an auto tune?
> (C up C down, L up L down with a carrier applied) A lot of times I can get a little better swr doing that
>
> Scott W0SGM
>

5883. Re: Performance on 6 meters

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-01-19 15:54:20 UTC
From: w0sgm
Topic: 5870 Message: 5883

I believe the tuning range is only 16-150 ohm on 6m.

Scott W0SGM

--- In LDG-auto-tuners@yahoogroups.com, "ae6rhxx" wrote:
>
>
>
>
>
>
> thanks Scott,
>
> I have tried manually tuning and I still only get ~ 2:1 best;
>
> so now I'm going to disconnect the 811 amplifier, which also is not specked above 30 MHz, and see what happens?
>
> When I measure the VSWR on my K3 meter at 50.125 MHz, I get very low readings; 1.2:1 max and the signal is still going thru the amplifier, but it may be the combination of tuner AND amplifier that's getting involved.
>
> 73
>
> --- In LDG-auto-tuners@yahoogroups.com, "w0sgm" wrote:
> >
> > >
> > > What I'm really curious about is have any of you used an LDG tuner on 6 meters, and was it capable of bringing the VSWR down to < 1.3:1?
> > >
> >
> >
> > yes and yes.I have a Z11 Pro and a Z11 Pro II,both work/tune 6m
> > both a 40m loop or a 31' vert.
> > The tuning range is less on 6m than on hf.
> > Have you tried to manually get the swr down after an auto tune?
> > (C up C down, L up L down with a carrier applied) A lot of times I can get a little better swr doing that
> >
> > Scott W0SGM
> >
>

5884. What does the radio interface actually do?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-01-20 20:00:04 UTC
From: systormalong
Topic: 5884 Message: 5884

I have an AT-1000 proII and a Kenwood transceiver. I know that the interface does not work with Kenwoods. I also have an Arduino communicating with the Kenwood.

If that interface provides a signal to begin autotune and maintains that signal until tuning is complete I could use it. I would have the Arduino change the mode on the Kenwood to CW, disable linear keying, transmit until the tuning cycle ends and then change the mode back to it's former setting. That would be very cool.

73,

Brian
K8BMW

5885. Re: What does the radio interface actually do?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-01-21 04:18:49 UTC
From: Dwayne
Topic: 5884 Message: 5885

Try "Tuner Interface Info" here:
http://www.ldgelectronics.com/c/269/tech%20support-warranty

-or-

"Meter Protocol Document" here:
http://www.ldgelectronics.com/c/261/product-manuals

Dwayne Kincaid

--- In LDG-auto-tuners@yahoogroups.com, "systormalong" wrote:
>
> I have an AT-1000 proII and a Kenwood transceiver. I know that the interface does not work with Kenwoods. I also have an Arduino communicating with the Kenwood.
>
> If that interface provides a signal to begin autotune and maintains that signal until tuning is complete I could use it. I would have the Arduino change the mode on the Kenwood to CW, disable linear keying, transmit until the tuning cycle ends and then change the mode back to it's former setting. That would be very cool.
>
> 73,
>
> Brian
> K8BMW
>

5886. AT-200PC

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-01-21 14:11:43 UTC
From: wa1lad
Topic: 4406 Message: 5886

Hi All.

I have an AT-200PC tuner and am wondering what software is recommended or if someone can recommend what has been successful for them.

Thanks, 73
Gil/WA1LAD

5887. Re: [LDG-auto-tuners] AT-200PC

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-01-21 23:20:33 UTC
From: kevinbbb@...
Topic: 4406 Message: 5887

http:www.supercontrol.de
Kevin Phx Az

----- wa1lad <wa1lad@...> wrote:
> Hi All.
>
> I have an AT-200PC tuner and am wondering what software is recommended or if someone can recommend what has been successful for them.
>
> Thanks, 73
> Gil/WA1LAD
>
>

5888. Re: [LDG-auto-tuners] AT-200PC

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-01-22 00:33:47 UTC
From: Bill Aycock
Topic: 4406 Message: 5888

Google IS your friend. I looked for AT-200PC Software, and guess what I found?
The first in the list was exactly that quote, and was from the device manufacturer.
Surprise!
Bill--W4BSG

-----Original Message-----
From: wa1lad
Sent: Monday, January 21, 2013 8:11 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] AT-200PC

Hi All.

I have an AT-200PC tuner and am wondering what software is recommended or if someone can recommend what has been successful for them.

Thanks, 73
Gil/WA1LAD

Yahoo! Groups Links

5889. at-100 pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-01-22 02:10:44 UTC
From: Jon
Topic: 3764 Message: 5889

Was there ever a cable to utilize the at-100 pro with a kenwood ts-850 ?

I've been using it mobile with my ic-706mkiig and just got a it-100 for it.
Some I am
going to move it indoors where I can see the display and use it with a S9
type of vertical.

73,
Jon
KD5SFA

[Non-text portions of this message have been removed]

5890. Re: [LDG-auto-tuners] AT-200PC

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-01-21 22:18:03 UTC
From: Larry KA5T
Topic: 4406 Message: 5890

Hi Gil:
I have that tuner, and I have been using "AT200PC-SuperControl" v1.3 by
Peter R. Pfisterer,DH1NGP. The net address given in the about info is:

http://www.supercontrol.de

and the email is:

info@...

Seems to work fine for me.

Larry
KA5T
Georgetown, Texas

On 1/21/2013 14:11 z, wa1lad wrote:
> Hi All.
>
> I have an AT-200PC tuner and am wondering what software is recommended or if someone can recommend what has been successful for them.
>
> Thanks, 73
> Gil/WA1LAD
>
>

5891. Re: Yaesu FT-950 with LDG AT-600 PRO or PRO II ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-01-22 09:31:22 UTC
From: bob.k6rwm
Topic: 5879 Message: 5891

Thanks, Leonard for the reply and information. As it turns out, I was contacted by a local OM who is selling one, having to upgrade to the AT-1000 Pro after buying a linear. So, it looks like I will be using the tuner sooner than I thought. I will watch my output carefully as you suggested.

73

Bob, K6RWM

--- In LDG-auto-tuners@yahoogroups.com, "Leonard K. Pennock" wrote:
>
> LDG is a nice tuner. I use a AT200pro. Keep in mind that the AT600
> doesn't interface directly to the radio. By this I mean that the tune
> button on the tuner will not make the radio tune (there is away but you
> would need a special cable to the linear jack). It really is not a
> issue though. LDG tuners will start tuning as soon as they see RF and
> the fold back in the radio will protect the finals until a tune is
> reached; however, if you believe you need to turn the power down while
> tuning, you will need to change modes and set power manually. I have
> the power turned down on AM and just switch to AM when I want to send a
> carrier tune.
>
> On 01/17/2013 10:57 PM, bob.k6rwm wrote:
> > Brand new to the group. I am considering buying the AT-600 PRO II for use with my FT-950. I am using a full size G5RV at 40 feet, and the auto tuner in the Yaesu just will not hack it. Right now I am using a Palstar AT1500CV, which seems to work okay, but I really want to get an auto tuner. Jumping from band to band on PSK or whatever takes some time with the manual tuner. I may be able to fine tune the Palstar to a lower SWR than with the LDG, but I feel the difference would be minimal. What's a few watts between friends?
> >
> > All that to say, or ask, does anyone have any experience with this combination? I would be interested in hearing your input, good or bad before I run out an spend money.
> >
> > 73
> >
> > Bob -- K6RWM
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
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> >
>

> --
> Leonard K. Pennock
> AD7AS
>
> Those who walk bravely through life, unafraid of loss or failure,
> find that they very rarely lose or fail.
>

5892. Re: [LDG-auto-tuners] Re: Yaesu FT-950 with LDG AT-600 PRO or PRO II ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-01-22 13:15:51 UTC
From: Leonard K. Pennock
Topic: 5879 Message: 5892

Glad you got one. They are good tuners.

Actually I wasn't saying that you needed to watch it. The fold back
circuits will do that fine IMO. I was just pointing out if using the
fold back bother you then you need to realize that there is a work around.

On 01/22/2013 02:31 AM, bob.k6rwm wrote:
>
>
> Thanks, Leonard for the reply and information. As it turns out, I was contacted by a local OM who is selling one, having to upgrade to the AT-1000 Pro after buying a linear. So, it looks like I will be using the tuner sooner than I thought. I will watch my output carefully as you suggested.
>
> 73
>
> Bob, K6RWM
>
> --- In LDG-auto-tuners@yahoogroups.com, "Leonard K. Pennock" wrote:
>>
>> LDG is a nice tuner. I use a AT200pro. Keep in mind that the AT600
>> doesn't interface directly to the radio. By this I mean that the tune
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>> would need a special cable to the linear jack). It really is not a
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>> the fold back in the radio will protect the finals until a tune is
>> reached; however, if you believe you need to turn the power down while
>> tuning, you will need to change modes and set power manually. I have
>> the power turned down on AM and just switch to AM when I want to send a
>> carrier tune.
>>
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>>> Brand new to the group. I am considering buying the AT-600 PRO II for use with my FT-950. I am using a full size G5RV at 40 feet, and the auto tuner in the Yaesu just will not hack it. Right now I am using a Palstar AT1500CV, which seems to work okay, but I really want to get an auto tuner. Jumping from band to band on PSK or whatever takes some time with the manual tuner. I may be able to fine tune the Palstar to a lower SWR than with the LDG, but I feel the difference would be minimal. What's a few watts between friends?
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>>> Bob -- K6RWM
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>>
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--
Leonard K. Pennock
AD7AS

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find that they very rarely lose or fail.

5893. FT857 + Z100

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-01-22 16:00:48 UTC
From: Karsten Heddenhausen
Topic: 5893 Message: 5893

Hi,

could anyone tell me, what are the right settings for the TRX. I only a
2-wire-cable from the tuner to the TRX. That should be enough.

73 de Karsten DC7OS

[Non-text portions of this message have been removed]

5894. Re: What does the radio interface actually do?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-01-22 19:26:44 UTC
From: systormalong
Topic: 5884 Message: 5894

Thank you Dwayne - the references you provided give me what I need. Reading over the "Meter Protocol Document" makes me think that with the right commands I could also extract the meter info. Are you willing to release that info?

Thanks 73,

Brian
K8BMW

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" wrote:
>
> Try "Tuner Interface Info" here:
> http://www.ldgelectronics.com/c/269/tech%20support-warranty
>
> -or-
>
> "Meter Protocol Document" here:
> http://www.ldgelectronics.com/c/261/product-manuals
>
> Dwayne Kincaid
>
>
> --- In LDG-auto-tuners@yahoogroups.com, "systormalong" wrote:
> >
> > I have an AT-1000 proII and a Kenwood transceiver. I know that the interface does not work with Kenwoods. I also have an Arduino communicating with the Kenwood.
> >
> > If that interface provides a signal to begin autotune and maintains that signal until tuning is complete I could use it. I would have the Arduino change the mode on the Kenwood to CW, disable linear keying, transmit until the tuning cycle ends and then change the mode back to it's former setting. That would be very cool.
> >
> > 73,
> >
> > Brian
> > K8BMW
> >
>

5895. Re: FT857 + Z100

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-01-24 01:17:31 UTC
From: na5ss
Topic: 5893 Message: 5895

Karsten,

I have a FT-857D. The setting for the radio should be the same.

Install the cable between the radio and tuner.

Press the [Function Button] go to MENU MODE 020 CAT/LIN/TUN

Rotate the VFO knob to TUN.

That should be it.

73,

Mike, NA5SS

--- In LDG-auto-tuners@yahoogroups.com, "Karsten Heddenhausen" wrote:
>
> Hi,
>
>
>
> could anyone tell me, what are the right settings for the TRX. I only a
> 2-wire-cable from the tuner to the TRX. That should be enough.
>
>
>
> 73 de Karsten DC7OS
>
>
>
> [Non-text portions of this message have been removed]
>

5896. Fwd: [LDG-auto-tuners] implementation of SWR measure and sign, by Firmware

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-01-25 12:39:32 UTC
From: i2jjr-hotmail.com
Topic: 5896 Message: 5896

Hi Dwayne,
I am very curious about some software to measure the SWR and more how to determine its sign (L or C)
Is there a way to have simple examples of this somewhere?
Maybe that's the message is vy old, but I do not find anymore the W4RT file about the memory structure.

Thanks , 73 de Augusto HB9TZA / I2JJR

(Still using ok your Z11 un-pro , ex kit , with the upgraded chip)

Il 09/03/2009 1.42, ldgelectronics ha scritto:
>
> Craig,
>
> I would suggest reading the very informative write up on memory tuning
> right on the main page of this newsgroup. It's written by W4RT and
> does a great job of explaining the memory structure for all of our tuners.
>
> Dwayne Kincaid
> LDG.
>
>
> __

[Non-text portions of this message have been removed]

5897. Re: Fwd: [LDG-auto-tuners] implementation of SWR measure and sign, by Firmware

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-01-25 12:48:56 UTC
From: i2jjr-hotmail.com
Topic: 5896 Message: 5897

Hi , Dwayne and All,
sorry , I intended the code used to measure SWR , the Resistive value,
(real part) and if Inductive or Capacitive reactance (the imaginary, j ,
part) is present.
Some example available somewhere?
Thanks!
73, Augusto hb9tza / i2jjr

Il 25/01/2013 13.39, i2jjr-hotmail.com ha scritto:
>
>
> Hi Dwayne,
> I am very curious about some software to measure the SWR and more how to
> determine its sign (L or C)
> Is there a way to have simple examples of this somewhere?
> Maybe that's the message is vy old, but I do not find anymore the W4RT
> file about the memory structure.
>
> Thanks , 73 de Augusto HB9TZA / I2JJR
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> (Still using ok your Z11 un-pro , ex kit , with the upgraded chip)
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> > Craig,
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> > I would suggest reading the very informative write up on memory tuning
> > right on the main page of this newsgroup. It's written by W4RT and
> > does a great job of explaining the memory structure for all of our
> tuners.
> >
> > Dwayne Kincaid
> > LDG.
> >
> >
> > __
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

5898. AT-1000Proll on 160

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-01-29 17:13:24 UTC
From: cadiscase
Topic: 5898 Message: 5898

I have the AT-1000Proll and want to use it for 160 meters.

Unfortunitly, I do not have room for a 160 meter dipole.
I have a dipole where one leg is approx 70 ft and the other leg is approx 55 ft. I am feeding it with 450 ohm ladder line.
I put an extra 20 feet of ladder line on and tried to get a match.
I did this, cutting off about 3 feet each time , and was never able to get a match.

Assuming a person can not get a full 160 meter dipole, what is working for any of you to get on 160 meters ?
What is the length of your dipole legs and what is the length of your ladder line - what combination is working for you ?

I realize what works in one place will not necessarily work in another.

Thanks for any suggestions or relating what is working for you.

5899. Re: [LDG-auto-tuners] AT-1000Proll on 160

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-01-29 17:39:57 UTC
From: Hank Greeb
Topic: 5898 Message: 5899

Have you tried hooking both of the wires of the ladder line together,
and feeding it as a topvertical with top loading? The other idea would
be to add loading coils in the center of each of the dipole elements,
but you'd have to have a way of shorting them out for other bands.

Feeding a 1/4 wave antenna in or near the center is very tricky because
of the very low impedance there, and the rapid change in impedance as
frequency changes.

I've loaded a 40 meter dipole fed with 450 ohm window line on 80 meters,
but it was very very tricky, and I had to retune every 20 KHz or so.
And, picking the right length of feedline was a crap shoot, seemed to
depend on whether the line had any water on it.

72/73 de n8xx Hg
QRP >99.44% of the time

On 1/29/2013 12:13 PM, cadiscase wrote:
> I have the AT-1000Proll and want to use it for 160 meters.
>
> Unfortunitly, I do not have room for a 160 meter dipole.
> I have a dipole where one leg is approx 70 ft and the other leg is approx 55 ft. I am feeding it with 450 ohm ladder line.
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> Thanks for any suggestions or relating what is working for you.
>
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> ------------------------------------
>
> Yahoo! Groups Links
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[Non-text portions of this message have been removed]

5900. Re: [LDG-auto-tuners] AT-1000Proll on 160

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-01-29 18:52:06 UTC
From: VE6LB
Topic: 5898 Message: 5900

My ProII in the shack tunes my bare 43’ vertical with about 70’ of RG213 coax to 2:1.

73,
Gerry VE6LB/VA6XDX
DXCC, VUCC, WAS Card Checker-Southern Alberta
VE/VA6 QSL Bureau Team
(403) 251-0384
ve6lb@telus.net
http://www.qsl.net/ve6lb/

From: Hank Greeb
Sent: Tuesday, January 29, 2013 10:39 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] AT-1000Proll on 160

Have you tried hooking both of the wires of the ladder line together,
and feeding it as a topvertical with top loading? The other idea would
be to add loading coils in the center of each of the dipole elements,
but you'd have to have a way of shorting them out for other bands.

Feeding a 1/4 wave antenna in or near the center is very tricky because
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72/73 de n8xx Hg
QRP >99.44% of the time

On 1/29/2013 12:13 PM, cadiscase wrote:
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> Unfortunitly, I do not have room for a 160 meter dipole.
> I have a dipole where one leg is approx 70 ft and the other leg is approx 55 ft. I am feeding it with 450 ohm ladder line.
> I put an extra 20 feet of ladder line on and tried to get a match.
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> Assuming a person can not get a full 160 meter dipole, what is working for any of you to get on 160 meters ?
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> Thanks for any suggestions or relating what is working for you.
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[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

5901. Z-11 Pro II Troubleshooting Help Sought

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-01-29 08:04:13 UTC
From: sohosources
Topic: 5901 Message: 5901

Hi, gang,

I'm looking for ideas on fixing my Z-11 Pro II, which has just become "goofy" after working perfectly for 1.5 years.

It's remotely mounted in my attic, where it feeds a 40-meter horizontal loop via a 20-foot length of open-wire line. The tuner, accessible through the attic hatch in my upstairs hallway, is itself fed with a 50-foot length of RG-6 coax.

I run 1-10 W (QRP only) on 160 through 6 and, as mentioned, the PRO II has been chugging away for 1.5 years without incident.

I hadn't been on the air for a few months, so I was interested in torturing myself in the 160 contest the other day, when I noticed the the tuner would not provide a match (on any band).

The tuner is powered by a pair of lantern batteries. I initially thought that the batteries had died, but they are putting out 10.1 V, which is way above the 6-V minimum.

I brought the tuner into my shack, powered it with the same lantern batteries, and noticed that it responds to all pushbutton commands, lighting the appropriate LED sequences, etc, but it will not tune.

I opened the case and looked for burned/damaged parts, and the only thing I can see is a very slight "burn residue" on the input/SWR detector toroid (which could possibly have been caused by a soldering iron during manufacture). It's not a jagged burn mark, just a hint of melted enamel or whatever).

I haven't looked at the schematic, but I tested two pairs of diodes with my DVM (one large, black pair near the toroid, the other small-signal types an inch or so away). The big diodes measured several megohms one way and completely open the other, while the smaller diodes had non-open readings that were different from each other. Again, I don't know schematically what might be connected to those diodes.

I'm assuming that, because the tuner seems to respond to button commands, that the problem is in the input / SWR detector part of the circuit.

As I don't have any practical experience with these, I'm hoping someone on the list might be able to offer a suggestion or two.

Also, if I can't fix it, does anyone know what these things typically cost to repair at LDG? The web site is rather vague! :)

Thanks!

--Kirk, NT0Z
Rochester, MN

5902. AT-1000ProII Memory Step Size?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-01-29 13:35:56 UTC
From: hjohnc1999
Topic: 5902 Message: 5902

Does anyone know the frequency size of the memory segments on the various bands for the AT-1000ProII?

The manual says - "Memory frequency step sizes vary with the selected band" but doesn't get specific.

The more segments I can pre-tune, the faster the switching when operating.

73 de K1ESE
John

5903. Re: [LDG-auto-tuners] AT-1000Proll on 160

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-01-29 17:55:47 UTC
From: Keith Heimbold
Topic: 5898 Message: 5903

I built a GM0ONX INVERTED L ANTENNA FOR 160, 80 AND 40.

It works fairly well and got me on 160m which I was never able to do before. It is amazingly broad banded. It works and I have made QSOs with it up to 1500 miles away. It works for me and got me on the band.

I am sure there are other options you can consider.

Good luck!!!

Keith
AK6ZZ

Sent from my iPhone please excuse typos

On Jan 29, 2013, at 9:14 AM, "cadiscase" <jlfisher@...> wrote:

> I have the AT-1000Proll and want to use it for 160 meters.
>
> Unfortunitly, I do not have room for a 160 meter dipole.
> I have a dipole where one leg is approx 70 ft and the other leg is approx 55 ft. I am feeding it with 450 ohm ladder line.
> I put an extra 20 feet of ladder line on and tried to get a match.
> I did this, cutting off about 3 feet each time , and was never able to get a match.
>
> Assuming a person can not get a full 160 meter dipole, what is working for any of you to get on 160 meters ?
> What is the length of your dipole legs and what is the length of your ladder line - what combination is working for you ?
>
> I realize what works in one place will not necessarily work in another.
>
> Thanks for any suggestions or relating what is working for you.
>
>

[Non-text portions of this message have been removed]

5904. LDG AT-1000PRO not tuning

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-01-30 05:35:51 UTC
From: trbarber30635
Topic: 5904 Message: 5904

I am directing this to Dwayne in particular. My AT-1000PRO stopped tuning and the meter does not read any RF whereas an external meter shows RF output. I took the version 2.0 chip out of the unit and replaced it with the 1.2 chip and the meter now functions but the tuner will not perform a complete tune. I am able to manually tune the tuner however. Is there any way to obtain a version 2 chip to replace the dead one I have?

Tom Barber
NT4OM

5905. Re: AT-1000ProII Memory Step Size?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-01-30 06:19:47 UTC
From: Dwayne
Topic: 5902 Message: 5905

John,

Each tuner is slightly different. On 80M the spacing is about 20 KHz on 10M it's about 100 KHz.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "hjohnc1999" wrote:
>
> Does anyone know the frequency size of the memory segments on the various bands for the AT-1000ProII?
>
> The manual says - "Memory frequency step sizes vary with the selected band" but doesn't get specific.
>
> The more segments I can pre-tune, the faster the switching when operating.
>
> 73 de K1ESE
> John
>

5906. Re: Z-11 Pro II Troubleshooting Help Sought

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-01-30 06:36:53 UTC
From: Dwayne
Topic: 5901 Message: 5906

Kirk,

That is an odd issue. You can use 1N34A diodes. Send some RF through the tuner (while in bypass) and measure the voltage at the F and R test points. You should see a volt or so at the F point with 10 watts and no volts on the R point when the SWR is good.

Just about all repairs are different, so it's hard to tell what a repair is going to cost before we look at it.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "sohosources" wrote:
>
> Hi, gang,
>
> I'm looking for ideas on fixing my Z-11 Pro II, which has just become "goofy" after working perfectly for 1.5 years.
>
> It's remotely mounted in my attic, where it feeds a 40-meter horizontal loop via a 20-foot length of open-wire line. The tuner, accessible through the attic hatch in my upstairs hallway, is itself fed with a 50-foot length of RG-6 coax.
>
> I run 1-10 W (QRP only) on 160 through 6 and, as mentioned, the PRO II has been chugging away for 1.5 years without incident.
>
> I hadn't been on the air for a few months, so I was interested in torturing myself in the 160 contest the other day, when I noticed the the tuner would not provide a match (on any band).
>
> The tuner is powered by a pair of lantern batteries. I initially thought that the batteries had died, but they are putting out 10.1 V, which is way above the 6-V minimum.
>
> I brought the tuner into my shack, powered it with the same lantern batteries, and noticed that it responds to all pushbutton commands, lighting the appropriate LED sequences, etc, but it will not tune.
>
> I opened the case and looked for burned/damaged parts, and the only thing I can see is a very slight "burn residue" on the input/SWR detector toroid (which could possibly have been caused by a soldering iron during manufacture). It's not a jagged burn mark, just a hint of melted enamel or whatever).
>
> I haven't looked at the schematic, but I tested two pairs of diodes with my DVM (one large, black pair near the toroid, the other small-signal types an inch or so away). The big diodes measured several megohms one way and completely open the other, while the smaller diodes had non-open readings that were different from each other. Again, I don't

know schematically what might be connected to those diodes.
>
> I'm assuming that, because the tuner seems to respond to button commands, that the problem is in the input / SWR detector part of the circuit.
>
> As I don't have any practical experience with these, I'm hoping someone on the list might be able to offer a suggestion or two.
>
> Also, if I can't fix it, does anyone know what these things typically cost to repair at LDG? The web site is rather vague! :)
>
> Thanks!
>
> --Kirk, NT0Z
> Rochester, MN
>

5907. Re: [LDG-auto-tuners] Re: Z-11 Pro II Troubleshooting Help Sought

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-01-30 07:56:26 UTC
From: Kirk Kleinschmidt
Topic: 5901 Message: 5907

Dwayne,

Thanks for your input.

I will run a voltage test or two and get back to you...

On repair costs: I obviously won't hold you to it. but perhaps you can provide historical repair cost ranges?

A new tuner is about $160, so if it's close to that, it's probably better just to buy another unit. If it's $20, there's no need to troubleshoot on my own :)

You get the idea :) Can you provide any further repair cost data on the Z-11 Pro II?

Thanks for your help. I appreciate it,

--Kirk, NT0Z

My book, "Stealth Amateur Radio," is now available from
www.stealthamateur.com and on the Amazon Kindle (soon)

That is an odd issue. You can use 1N34A diodes. Send some RF through the tuner (while in bypass) and measure the voltage at the F and R test points. You should see a volt or so at the F point with 10 watts and no volts on the R point when the SWR is good.
>
>Just about all repairs are different, so it's hard to tell what a repair is going to cost before we look at it.
>
>Dwayne Kincaid
>LDG
>
>

[Non-text portions of this message have been removed]

5908. Re: [LDG-auto-tuners] Re: Z-11 Pro II Troubleshooting Help Sought

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-01-30 09:19:15 UTC
From: Kirk Kleinschmidt
Topic: 5901 Message: 5908

Dwayne and the gang:

I have compiled some test data. I'm posting it on the list because it may be helpful to others. If the list owner prefers that I not continue this, please let me know. :)

Dummy Load = 52 ohms.

Power = two lantern batteries in series (1.5 years old, not putting out full voltage).
No load = 10.1 V
While tuning = 8.7 V

80 m on Dummy in BYPASS MODE:
10 W - FWD TP = 1.31 V dc; REV TP = -8 mV
1 W - FWD TP = 0.369 V dc; REV TP = -20 mV
SWR shows 1:1

20 m on Dummy in BYPASS MODE:
10 W - FWD TP = 1.34 V dc; REV TP = -75 mV
1 W - FWD TP = 0.38 V dc; REV TP = -33 mV
SWR shows 1:1

6 m on Dummy in BYPASS MODE:
10 W - FWD TP = 1.175 V dc; REV TP = +63 mV
SWR shows as 1.3:1

6 m on Dummy after AUTOTUNE:
LEDs 1 and 4 stay lit, controls unresponsive, power cycle required to reset.
(Happened on other bands, too.)

Random wire on 20 after AUTOTUNE:
match, all functions normal

Random wire on 6 after AUTOTUNE:
No match found, LEDs 3 and 4 stay lit, power cycle required to reset.

When trying to match the random wire, the unit will autotune whether in AUTO or BYPASS modes (the LEDs blink the proper ack sequence when the modes are changed, but the unit autotunes no matter what, not finding a match :)

I hope this provides additional troubleshooting info!

Ideas, anyone?

As always, thanks for your help,

--Kirk, NT0Z

My book, "Stealth Amateur Radio," is now available f
www.stealthamateur.com and on the Amazon Kindle (soon)

re:

Dwayne,

>Thanks for your input.
>
>I will run a voltage test or two and get back to you...
>
>
>

[Non-text portions of this message have been removed]

5909. Re: [LDG-auto-tuners] Re: Z-11 Pro II Troubleshooting Help Sought

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-01-30 13:46:21 UTC
From: Joe
Topic: 5901 Message: 5909

--- In LDG-auto-tuners@yahoogroups.com, "sohosources" wrote:
>> The tuner is powered by a pair of lantern batteries. I initially thought that the batteries had died, but they are putting out 10.1 V, which is way above the 6-V minimum.
>>
>>
10.1V may mean one or both batteries are bad. I have seen batteries that TOK with a voltmeter, but do not work under load. That's why even my cheap Radio Shack battery tester puts a small load on the battery while under test. When the relays start clicking the voltage may be dropping. You may not see this momentary drop on a voltmeter.

Try powering it from a known good source. It sounds like your lantern batteries may be toast.

73, Joe, K1ike

5910. Re: [LDG-auto-tuners] Re: Z-11 Pro II Troubleshooting Help Sought

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-01-30 13:50:00 UTC
From: Joe
Topic: 5901 Message: 5910

On 1/30/2013 4:19 AM, Kirk Kleinschmidt wrote:
> Power = two lantern batteries in series (1.5 years old, not putting out full voltage).
> No load = 10.1 V
> While tuning = 8.7 V
As I suspected, your doing your test with bad batteries. Your almost
dead batteries may supply voltage, but not be able to supply enough current.

73, Joe, K1ike

5911. Re: [LDG-auto-tuners] Re: Z-11 Pro II Troubleshooting Help Sought

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-01-30 14:06:01 UTC
From: doug pfaff
Topic: 5901 Message: 5911

Hi Kirk

Mounting it in the atiic is a different place for a tuner

Wondering if the thermal conditions in the attic have destroyed the electronics as the attic temps can be 110-145 F in the summer (northern latitude eg 50 degree N) and like close to outside ambient in the winter all depending on the amount of ventilation used to lower the heat in the summer.and if its thermally controlled or a wind driven whirly bird depending on the wind conditions

I would ask what part of the country you are in to ascertain the type of possiblle damage done.

The location of the gear(in the attic) likely has a large bearing in why it has failed.

All it take is to hang a thermometer in the attic for a few hours you may be surprised what you have subjected it too in both summer and winter

Did you check the environment recommendations in the manual.

as dwayne has stated really hard to give cost sight unseen.

Doug ve5dcp

----- Original Message -----
From: Dwayne
To: LDG-auto-tuners@yahoogroups.com
Sent: Tuesday, January 29, 2013 10:36 PM
Subject: [LDG-auto-tuners] Re: Z-11 Pro II Troubleshooting Help Sought

Kirk,

That is an odd issue. You can use 1N34A diodes. Send some RF through the tuner (while in bypass) and measure the voltage at the F and R test points. You should see a volt or so at the F point with 10 watts and no volts on the R point when the SWR is good.

Just about all repairs are different, so it's hard to tell what a repair is going to cost before we look at it.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "sohosources" wrote:
>
> Hi, gang,
>
> I'm looking for ideas on fixing my Z-11 Pro II, which has just become "goofy" after working perfectly for 1.5 years.

>
> It's remotely mounted in my attic, where it feeds a 40-meter horizontal loop via a 20-foot length of open-wire line. The tuner, accessible through the attic hatch in my upstairs hallway, is itself fed with a 50-foot length of RG-6 coax.
>
> I run 1-10 W (QRP only) on 160 through 6 and, as mentioned, the PRO II has been chugging away for 1.5 years without incident.
>
> I hadn't been on the air for a few months, so I was interested in torturing myself in the 160 contest the other day, when I noticed the the tuner would not provide a match (on any band).
>
> The tuner is powered by a pair of lantern batteries. I initially thought that the batteries had died, but they are putting out 10.1 V, which is way above the 6-V minimum.
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> I brought the tuner into my shack, powered it with the same lantern batteries, and noticed that it responds to all pushbutton commands, lighting the appropriate LED sequences, etc, but it will not tune.
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> I opened the case and looked for burned/damaged parts, and the only thing I can see is a very slight "burn residue" on the input/SWR detector toroid (which could possibly have been caused by a soldering iron during manufacture). It's not a jagged burn mark, just a hint of melted enamel or whatever).
>
> I haven't looked at the schematic, but I tested two pairs of diodes with my DVM (one large, black pair near the toroid, the other small-signal types an inch or so away). The big diodes measured several megohms one way and completely open the other, while the smaller diodes had non-open readings that were different from each other. Again, I don't know schematically what might be connected to those diodes.
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> I'm assuming that, because the tuner seems to respond to button commands, that the problem is in the input / SWR detector part of the circuit.
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> As I don't have any practical experience with these, I'm hoping someone on the list might be able to offer a suggestion or two.
>
> Also, if I can't fix it, does anyone know what these things typically cost to repair at LDG? The web site is rather vague! :)
>
> Thanks!
>
> --Kirk, NT0Z
> Rochester, MN
>

[Non-text portions of this message have been removed]

5912. Re: [LDG-auto-tuners] Re: Z-11 Pro II Troubleshooting Help Sought

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-01-30 14:32:14 UTC
From: doug pfaff
Topic: 5901 Message: 5912

Generally most gear begins doing strange this at 80% of nominal voltage that means 9volt on a 12 v source.

The nominal design spec are usually +/- 10 %.

Your data looks like time to get rid of those batteries.

Even the no load static looks low

Doug ve5dcp

----- Original Message -----
From: Kirk Kleinschmidt
To: LDG-auto-tuners@yahoogroups.com
Sent: Wednesday, January 30, 2013 1:19 AM
Subject: Re: [LDG-auto-tuners] Re: Z-11 Pro II Troubleshooting Help Sought

Dwayne and the gang:

I have compiled some test data. I'm posting it on the list because it may be helpful to others. If the list owner prefers that I not continue this, please let me know. :)

Dummy Load = 52 ohms.

Power = two lantern batteries in series (1.5 years old, not putting out full voltage).
No load = 10.1 V
While tuning = 8.7 V

80 m on Dummy in BYPASS MODE:
10 W - FWD TP = 1.31 V dc; REV TP = -8 mV
1 W - FWD TP = 0.369 V dc; REV TP = -20 mV
SWR shows 1:1

20 m on Dummy in BYPASS MODE:
10 W - FWD TP = 1.34 V dc; REV TP = -75 mV
1 W - FWD TP = 0.38 V dc; REV TP = -33 mV
SWR shows 1:1

6 m on Dummy in BYPASS MODE:
10 W - FWD TP = 1.175 V dc; REV TP = +63 mV
SWR shows as 1.3:1

6 m on Dummy after AUTOTUNE:
LEDs 1 and 4 stay lit, controls unresponsive, power cycle required to reset.
(Happened on other bands, too.)

Random wire on 20 after AUTOTUNE:
match, all functions normal

Random wire on 6 after AUTOTUNE:
No match found, LEDs 3 and 4 stay lit, power cycle required to reset.

When trying to match the random wire, the unit will autotune whether in AUTO or BYPASS modes (the LEDs blink the proper ack sequence when the modes are changed, but the unit autotunes no matter what, not finding a match :)

I hope this provides additional troubleshooting info!

Ideas, anyone?

As always, thanks for your help,

--Kirk, NT0Z

My book, "Stealth Amateur Radio," is now available f
www.stealthamateur.com and on the Amazon Kindle (soon)

re:

Dwayne,

>Thanks for your input.
>
>I will run a voltage test or two and get back to you...
>
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

5913. Re: [LDG-auto-tuners] Re: Z-11 Pro II Troubleshooting Help Sought

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-01-30 14:33:30 UTC
From: doug pfaff
Topic: 5901 Message: 5913

Hi Kirk

Mounting it in the atiic is a different place for a tuner

Wondering if the thermal conditions in the attic have destroyed the electronic as the attic temps can be 110-145 F in the summer (northern latitude eg 50 degree N) and like close to outside ambient in the winter all depending on the amount of ventilation used to lower the heat in the summer.and if its thermally controled or a wind driven whirly bird depending on the wind conditions

I would ask what part of the country you are in to ascertain the type of possiblle damage done.

The location of the gear(in the attic) likely has a large bearing in why it has failed.

All it take is to hang a thermometer in the attic for a few hours you may be surprised what you have subjected it too in both summer and winter

Did you check the environment recommendations in the manual.

Doug ve5dcp

----- Original Message -----
From: Dwayne
To: LDG-auto-tuners@yahoogroups.com
Sent: Tuesday, January 29, 2013 10:36 PM
Subject: [LDG-auto-tuners] Re: Z-11 Pro II Troubleshooting Help Sought

Kirk,

That is an odd issue. You can use 1N34A diodes. Send some RF through the tuner (while in bypass) and measure the voltage at the F and R test points. You should see a volt or so at the F point with 10 watts and no volts on the R point when the SWR is good.

Just about all repairs are different, so it's hard to tell what a repair is going to cost before we look at it.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "sohosources" wrote:
>
> Hi, gang,
>
> I'm looking for ideas on fixing my Z-11 Pro II, which has just become "goofy" after working perfectly for 1.5 years.
>
> It's remotely mounted in my attic, where it feeds a 40-meter horizontal loop via a

20-foot length of open-wire line. The tuner, accessible through the attic hatch in my upstairs hallway, is itself fed with a 50-foot length of RG-6 coax.
>
> I run 1-10 W (QRP only) on 160 through 6 and, as mentioned, the PRO II has been chugging away for 1.5 years without incident.
>
> I hadn't been on the air for a few months, so I was interested in torturing myself in the 160 contest the other day, when I noticed the the tuner would not provide a match (on any band).
>
> The tuner is powered by a pair of lantern batteries. I initially thought that the batteries had died, but they are putting out 10.1 V, which is way above the 6-V minimum.
>
> I brought the tuner into my shack, powered it with the same lantern batteries, and noticed that it responds to all pushbutton commands, lighting the appropriate LED sequences, etc, but it will not tune.
>
> I opened the case and looked for burned/damaged parts, and the only thing I can see is a very slight "burn residue" on the input/SWR detector toroid (which could possibly have been caused by a soldering iron during manufacture). It's not a jagged burn mark, just a hint of melted enamel or whatever).
>
> I haven't looked at the schematic, but I tested two pairs of diodes with my DVM (one large, black pair near the toroid, the other small-signal types an inch or so away). The big diodes measured several megohms one way and completely open the other, while the smaller diodes had non-open readings that were different from each other. Again, I don't know schematically what might be connected to those diodes.
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> I'm assuming that, because the tuner seems to respond to button commands, that the problem is in the input / SWR detector part of the circuit.
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> As I don't have any practical experience with these, I'm hoping someone on the list might be able to offer a suggestion or two.
>
> Also, if I can't fix it, does anyone know what these things typically cost to repair at LDG? The web site is rather vague! :)
>
> Thanks!
>
> --Kirk, NT0Z
> Rochester, MN
>

[Non-text portions of this message have been removed]

5914. Ldg 600 pro autotuner issue

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-01-30 16:24:40 UTC
From: n3pzt
Topic: 5659 Message: 5914

Dwayne,

I had the same issue as Vince several months ago and you sent me a replacement microprocessor. That didn't fix the problem. I was using a 3/5A regulated PS and switched to a 20A regulated PS with a 10A fuse. That fixed the problem.

However, now the 600 is blowing fuses in the PS. Yesterday I got a new 3/5A regulated PS with a 1.5A fuse and the 600 blew that fuse twice. I switched back to the 20A regulated PS with a 10A fuse and the 600 blew that one also. There's no shorts in the DC power cable to the 600. It seems the 600 is drawing more than 10A which would indicate maybe a shorted component, such a diode, in the 600. As a test I attached a 1157 brake light bulb to the new 3/5A PS, after replacing the fuse, which draws about 2.5A , and it ran fine all day. Any suggestions.

Stewart WI3J

--- In LDG-auto-tuners@yahoogroups.com, "Dana" wrote:
>
This week my AT-600Pro has begun locking up when the TX (K3) is in Tune mode (no interface). It may make an attempt to tune but it quickly locks consistently. It usually (but not always) displays 3 leds on the top bar and all leds on the bottom bar. I can reset by unplugging the power, but it locks the next time I try. I don't know if this is the same problem or something new.
>
> Thanks for your assistance
> Dana Phillips N6DW
> 4713 Dickens Drive
> Granite Bay, CA 95746
> 916.791.7181
> 916.521.0453
>
> --- In LDG-auto-tuners@...m, "Dwayne" wrote:
> >
> > Vince or anyone else having this issue with an AT-600Pro or AT-1000ProII, please contact us directly with your mailing address. It seems that we may have had a batch of processors that does not like to be turned on and off a lot.
> >
> > We'll be happy to send you a new processor.
> >
> > Dwayne Kincaid
> > LDG
> >
> > --- In LDG-auto-tuners@yahoogroups.com, Vince wrote:
> > >
> > > As I indicated in my post a few weeks ago, I am experiencing exactly the same issue with my AT-1000ProII auto tuner. My current work around is that I have the tuner connected

to a small 13.8 VDC power supply dedicated only for use with the tuner. When the tuner power button fails to operate, I reach over and flip the power supply off and back on, saving me having to physically remove the DC power cable from the back of the tuner.
> > > This issue appears to be systemic and appears to affect the 600Pro and the 1000ProII. I hope LDG will get to the bottom of it quickly and let us all know what is happening and how to resolve it.
> > >
> > > Vince

5915. Re: LDG AT-1000PRO not tuning

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-01-30 15:37:20 UTC
From: ke0ms
Topic: 5904 Message: 5915

--- In LDG-auto-tuners@yahoogroups.com, "trbarber30635" wrote:
>
> I am directing this to Dwayne in particular. My AT-1000PRO stopped tuning and the meter does not read any RF whereas an external meter shows RF output. I took the version 2.0 chip out of the unit and replaced it with the 1.2 chip and the meter now functions but the tuner will not perform a complete tune. I am able to manually tune the tuner however. Is there any way to obtain a version 2 chip to replace the dead one I have?
>
> Tom Barber
> NT4OM
>

Hi there...

I have an AT200ProII that is doing the same thing as Tom's tuner... LEDs work to check functions, but the LEDs cannot seem to be restored to working during tuning... I have done the sequence to turn ON the LED indications and that doesnt seem to work. Resets dont do anything.

Thanks.

Wayne, ke0ms

5916. Re: [LDG-auto-tuners] Re: Z-11 Pro II Troubleshooting Help Sought

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-01-30 19:33:51 UTC
From: Kirk Kleinschmidt
Topic: 5901 Message: 5916

I will try new batteries later today.

I was originally going to replace them as a matter of course, but because the tuner is spec'd down to 6 V, I figured 10.1 V would be okay... Geez!

If this is my "fix," I'm gonna be a bit embarrassed !!! :)

--Kirk, NT0Z

P.S. In the interim I'm using my old SGC autocoupler (circa 2000) which, for the past few years, often requires 10 W to initiate a tune cycle. My previous radio only went to 5...but my present KX3 does 10+ on all bands, which makes the SGC usable again. Because the SGC is powered from an ac mains-connected power supply, on 160, even at 5 W, I trip the GFCI outlet in my office/shack, which plunges me into darkness on the first dit! My PCs, on UPSs, don't crash, but the experience is unsettling... The battery-powered Z11 doesn't do this. I will be happy to get back to the Z11, which tunes easily at 1 W...

I wish LDG made an autocoupler... I prefer to place the tuner at the feed point...

My book, "Stealth Amateur Radio," is now available from
www.stealthamateur.com and on the Amazon Kindle (soon)

>
>> Power = two lantern batteries in series (1.5 years old, not putting out full voltage).
>> No load = 10.1 V
>> While tuning = 8.7 V
>As I suspected, your doing your test with bad batteries. Your almost
>dead batteries may supply voltage, but not be able to supply enough current.
>
>73, Joe, K1ike
>
>

[Non-text portions of this message have been removed]

5917. Ldg 600 pro autotuner issue

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-01-30 19:54:29 UTC
From: n3pzt
Topic: 5659 Message: 5917

Dwayne,

Solved. I swapped the microprocessor and unplugged/replugged the ribbon cable and all is well. No blown fuse on the 20A PS. I'm down to my last fuse for the 3/5A PS so I'll try that one again when I get more 1.5A 5x20mm spare fuses.

Stewart WI3J

--- In LDG-auto-tuners@yahoogroups.com, "n3pzt" wrote:
>
> Dwayne,
>
> I had the same issue as Vince several months ago and you sent me a replacement microprocessor. That didn't fix the problem. I was using a 3/5A regulated PS and switched to a 20A regulated PS with a 10A fuse. That fixed the problem.
>
> However, now the 600 is blowing fuses in the PS. Yesterday I got a new 3/5A regulated PS with a 1.5A fuse and the 600 blew that fuse twice. I switched back to the 20A regulated PS with a 10A fuse and the 600 blew that one also. There's no shorts in the DC power cable to the 600. It seems the 600 is drawing more than 10A which would indicate maybe a shorted component, such a diode, in the 600. As a test I attached a 1157 brake light bulb to the new 3/5A PS, after replacing the fuse, which draws about 2.5A , and it ran fine all day. Any suggestions.
>
> Stewart WI3J
>
> --- In LDG-auto-tuners@yahoogroups.com, "Dana" wrote:
> >
> This week my AT-600Pro has begun locking up when the TX (K3) is in Tune mode (no interface). It may make an attempt to tune but it quickly locks consistently. It usually (but not always) displays 3 leds on the top bar and all leds on the bottom bar. I can reset by unplugging the power, but it locks the next time I try. I don't know if this is the same problem or something new.
> >
> > Thanks for your assistance
> > Dana Phillips N6DW
> > 4713 Dickens Drive
> > Granite Bay, CA 95746
> > 916.791.7181
> > 916.521.0453
> >
> > --- In LDG-auto-tuners@yahoogroups.com, "Dwayne" wrote:
> > >
> > > Vince or anyone else having this issue with an AT-600Pro or AT-1000ProII, please contact us directly with your mailing address. It seems that we may have had a batch of processors that does not like to be turned on and off a lot.

> > >
> > > We'll be happy to send you a new processor.
> > >
> > > Dwayne Kincaid
> > > LDG
> > >
> > > --- In LDG-auto-tuners@yahoogroups.com, Vince wrote:
> > > >
> > > > As I indicated in my post a few weeks ago, I am experiencing exactly the same issue with my AT-1000ProII auto tuner. My current work around is that I have the tuner connected to a small 13.8 VDC power supply dedicated only for use with the tuner. When the tuner power button fails to operate, I reach over and flip the power supply off and back on, saving me having to physically remove the DC power cable from the back of the tuner.
> > > > This issue appears to be systemic and appears to affect the 600Pro and the 1000ProII. I hope LDG will get to the bottom of it quickly and let us all know what is happening and how to resolve it.
> > > >
> > > > Vince

5918. Re: Fwd: [LDG-auto-tuners] implementation of SWR measure and sign, by Firmware

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-01-31 03:05:23 UTC
From: Dwayne
Topic: 5896 Message: 5918

Hello Augusto,

We don't measure the Resistive value or Inductive or Capacitive reactance. All we measure is the forward and reverse RF power. The SWR is calculated from that.

You may want to review the original AT-11 article from 1995 that describes how the tuning algorithm works. It's available at our web site on this page: http://www.ldgelectronics.com/c/262/discontinued-product-manuals.

You may also want to look at some of the schematics for the older SGC tuners. I think they had phase and magnitude detectors as well as forward and reverse RF power.

As far as we know, we were the first to automate it all with just the forward and reverse RF power sensors. It's now the standard method that nearly all the other companies use.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "i2jjr-hotmail.com" wrote:
>
> Hi , Dwayne and All,
> sorry , I intended the code used to measure SWR , the Resistive value,
> (real part) and if Inductive or Capacitive reactance (the imaginary, j ,
> part) is present.
> Some example available somewhere?
> Thanks!
> 73, Augusto hb9tza / i2jjr
>
> Il 25/01/2013 13.39, i2jjr-hotmail.com ha scritto:
> >
> >
> > Hi Dwayne,
> > I am very curious about some software to measure the SWR and more how to
> > determine its sign (L or C)
> > Is there a way to have simple examples of this somewhere?
> > Maybe that's the message is vy old, but I do not find anymore the W4RT
> > file about the memory structure.
> >
> > Thanks , 73 de Augusto HB9TZA / I2JJR
> >
> > (Still using ok your Z11 un-pro , ex kit , with the upgraded chip)
> >
> > Il 09/03/2009 1.42, ldgelectronics ha scritto:
> > >
> > > Craig,

> > >
> > > I would suggest reading the very informative write up on memory tuning
> > > right on the main page of this newsgroup. It's written by W4RT and
> > > does a great job of explaining the memory structure for all of our
> > tuners.
> > >
> > > Dwayne Kincaid
> > > LDG.
> > >
> > >
> > > __
> >
> > [Non-text portions of this message have been removed]
> >
> >
>
>
>
> [Non-text portions of this message have been removed]
>

5919. Re: Fwd: [LDG-auto-tuners] implementation of SWR measure and sign, by Firmware

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-01-31 11:13:15 UTC
From: i2jjr-hotmail.com
Topic: 5896 Message: 5919

Thank you very much, Dwayne.
As usual , your answer is both sinthetic and exhaustive.
I thank you for the link for the original AT11 , I'll read it carefully.
I'll also try to find the SDG diagrams.
Many thanks again, Dwayne,
73 de Augusto i2jjr
/ hb9tza

Il 31/01/2013 4.05, Dwayne ha scritto:
>
> Hello Augusto,
>
> We don't measure the Resistive value or Inductive or Capacitive
> reactance. All we measure is the forward and reverse RF power. The SWR
> is calculated from that.
>
> You may want to review the original AT-11 article from 1995 that
> describes how the tuning algorithm works. It's available at our web
> site on this page:
> http://www.ldgelectronics.com/c/262/discontinued-product-manuals.
>
> You may also want to look at some of the schematics for the older SGC
> tuners. I think they had phase and magnitude detectors as well as
> forward and reverse RF power.
>
> As far as we know, we were the first to automate it all with just the
> forward and reverse RF power sensors. It's now the standard method
> that nearly all the other companies use.
>
> Dwayne Kincaid
> LDG
>
> --- In LDG-auto-tuners@yahoogroups.com
> <mailto:LDG-auto-tuners%40yahoogroups.com>, "i2jjr-hotmail.com" wrote:
> >
> > Hi , Dwayne and All,
> > sorry , I intended the code used to measure SWR , the Resistive value,
> > (real part) and if Inductive or Capacitive reactance (the imaginary,
> j ,
> > part) is present.
> > Some example available somewhere?
> > Thanks!
> > 73, Augusto hb9tza / i2jjr
> >

> > Il 25/01/2013 13.39, i2jjr-hotmail.com ha scritto:
> > >
> > >
> > > Hi Dwayne,
> > > I am very curious about some software to measure the SWR and more
> how to
> > > determine its sign (L or C)
> > > Is there a way to have simple examples of this somewhere?
> > > Maybe that's the message is vy old, but I do not find anymore the W4RT
> > > file about the memory structure.
> > >
> > > Thanks , 73 de Augusto HB9TZA / I2JJR
> > >
> > > (Still using ok your Z11 un-pro , ex kit , with the upgraded chip)
> > >
> > > Il 09/03/2009 1.42, ldgelectronics ha scritto:
> > > >
> > > > Craig,
> > > >
> > > > I would suggest reading the very informative write up on memory
> tuning
> > > > right on the main page of this newsgroup. It's written by W4RT and
> > > > does a great job of explaining the memory structure for all of our
> > > tuners.
> > > >
> > > > Dwayne Kincaid
> > > > LDG.
> > > >
> > > >
> > > > __
> > >
> > > [Non-text portions of this message have been removed]
> > >
> > >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>

[Non-text portions of this message have been removed]

5920. DWM-4 Repair

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-01-31 22:06:53 UTC
From: Dick
Topic: 5920 Message: 5920

A while ago I bought a DWM-4 Wattmeter. It seems to have lost its mind and does not work.

Does anyone know who repairs these ? I think the PROM has lost its mind.

Tnx es 73, Dick, W1KSZ

5921. Re: DWM-4 Repair

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-02-01 02:13:49 UTC
From: Dwayne
Topic: 5920 Message: 5921

Dick,

LDG would be the only place that could fix it. Unfortunately, most of parts for that unit are no longer available (thanks Motorola, Xicor and Allegro to name a few).

It could be a bad display. Those are controlled by the processor, but if bad would give the appearance of the processor being bad.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "Dick" wrote:
>
> A while ago I bought a DWM-4 Wattmeter. It seems to have lost its mind and does not work.
>
> Does anyone know who repairs these ? I think the PROM has lost its mind.
>
> Tnx es 73, Dick, W1KSZ
>

5922. Re: [LDG-auto-tuners] Re: DWM-4 Repair

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-02-01 05:47:45 UTC
From: Richard Solomon
Topic: 5920 Message: 5922

I contacted LDG a couple of years ago and received a rather curt reply
that they no longer
supported that unit. And, I believe that most of the parts, possibly
excluding the display,
are still available.

73, Dick, W1KSZ

On 1/31/2013 7:13 PM, Dwayne wrote:
> Dick,
>
> LDG would be the only place that could fix it. Unfortunately, most of parts for that unit are no longer available (thanks Motorola, Xicor and Allegro to name a few).
>
> It could be a bad display. Those are controlled by the processor, but if bad would give the appearance of the processor being bad.
>
> Dwayne Kincaid
> LDG
>
> --- In LDG-auto-tuners@yahoogroups.com, "Dick" wrote:
>> A while ago I bought a DWM-4 Wattmeter. It seems to have lost its mind and does not work.
>>
>> Does anyone know who repairs these ? I think the PROM has lost its mind.
>>
>> Tnx es 73, Dick, W1KSZ
>>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

5923. AT-11MP and Pegasus

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-02-04 09:51:37 UTC
From: k4mt
Topic: 5923 Message: 5923

I know the PT-11 was long ago discontinued but is it possible to integrate an AT-11MP inside the Pegasus or did the PT-11, as I suspect, have custom firmware making this idea impractical?

5924. AT-600Pro vs AT-600ProII

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-02-04 21:36:14 UTC
From: Stefan
Topic: 5924 Message: 5924

Hi,

I'm thinking about upgrade and wondering what are the differences between AT-600Pro and the new AT-600ProII tuners?

73's de Stefan /AF6SA

5925. Re: AT-600Pro vs AT-600ProII

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-02-04 23:49:05 UTC
From: Dwayne
Topic: 5924 Message: 5925

Stefan,

The only difference is the ProII has an interface jack on the back to go to the M-600.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "Stefan" wrote:
>
> Hi,
>
> I'm thinking about upgrade and wondering what are the differences between AT-600Pro and the new AT-600ProII tuners?
>
> 73's de Stefan /AF6SA
>

5926. Re: AT-600Pro vs AT-600ProII

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-02-05 17:24:22 UTC
From: Stefan
Topic: 5924 Message: 5926

Hi Dwayne,

Thanks for you answer. I have 2 more questions.

1. Does the ProII has still the KEY line problem?
2. Do you have plans to include additional controls on M-600 for Ant1 <> Ant2 switching and Bypassing the tuner?
Any "remote" tuner from LDG in the future?

Stefan

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" wrote:
>
> Stefan,
>
> The only difference is the ProII has an interface jack on the back to go to the M-600.
>
> Dwayne Kincaid
> LDG
>
> --- In LDG-auto-tuners@yahoogroups.com, "Stefan" wrote:
> >
> > Hi,
> >
> > I'm thinking about upgrade and wondering what are the differences between AT-600Pro and the new AT-600ProII tuners?
> >
> > 73's de Stefan /AF6SA
> >
>

5927. Re: AT-600Pro vs AT-600ProII

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-02-05 19:57:37 UTC
From: Dwayne
Topic: 5924 Message: 5927

Stefan,

1) I don't know of any KEY line problem.
2) While it's possible, we don't have any current plans for it.
3) We've been looking at remote tuners for a while, but nothing to report right now.

Dwayne
LDG

> Hi Dwayne,
>
> Thanks for you answer. I have 2 more questions.
>
> 1. Does the ProII has still the KEY line problem?
> 2. Do you have plans to include additional controls on M-600 for Ant1 <> Ant2 switching
> and Bypassing the tuner?
> Any "remote" tuner from LDG in the future?
>
> Stefan
>
> --- In LDG-auto-tuners@yahoogroups.com, "Dwayne" wrote:
> >
> > Stefan,
> >
> > The only difference is the ProII has an interface jack on the back to go to the M-600.
> >
> > Dwayne Kincaid
> > LDG
> >
> > --- In LDG-auto-tuners@yahoogroups.com, "Stefan" wrote:
> > >
> > > Hi,
> > >
> > > I'm thinking about upgrade and wondering what are the differences between AT-600Pro
and the new AT-600ProII tuners?
> > >
> > > 73's de Stefan /AF6SA
> > >
> > >
>

5928. Remote LDG Outdoor Auto-Tuners

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-02-05 18:28:44 UTC
From: astro_maryland
Topic: 5928 Message: 5928

Group,

With LDG auto-tuners become more prevalent, especially with the release of the new Pro versions, when do you think we will see added hardware for remote outdoor auto-tuner usage? The simple hardware configuration would seem to be an external plug in the rear of the auto-tuner that activates the unit's TUNE when a push-button is hit from inside your shack (of course, we'll need a wire/cable that runs from the remote location to the shack).

LDG can definitely capture a lot of the MFJ's external remote auto tuner market because of the continuing MFJ dismal quality control record (just check out MFJ's scores under "Product Reviews" on eHam.com).

73, Rich

5929. Re: [LDG-auto-tuners] Remote LDG Outdoor Auto-Tuners

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-02-05 20:24:04 UTC
From: George
Topic: 5928 Message: 5929

Rich,

I know this might not be the solution you were looking for, but when I bought my ldg z100 pro II the folks at HRO told me that if I was not putting power to the antenna,I could just put the little guy in a water tight toolbox with the battery pack wired up and inline with the shack coax connection and it would auto tune with no issues. The battery draw would be minimal and because it had such a large number of memories it would hold all the settings you were likely to need. I know this was probably not designed this way, but I do know that others are thinking along these lines.

Food for thought.

George

210.782.8618 | KA7PHR@...

On Feb 5, 2013, at 11:28 AM, "astro_maryland" <astro_maryland@...> wrote:

> Group,
>
> With LDG auto-tuners become more prevalent, especially with the release of the new Pro versions, when do you think we will see added hardware for remote outdoor auto-tuner usage? The simple hardware configuration would seem to be an external plug in the rear of the auto-tuner that activates the unit's TUNE when a push-button is hit from inside your shack (of course, we'll need a wire/cable that runs from the remote location to the shack).
>
> LDG can definitely capture a lot of the MFJ's external remote auto tuner market because of the continuing MFJ dismal quality control record (just check out MFJ's scores under "Product Reviews" on eHam.com).
>
> 73, Rich
>
>

[Non-text portions of this message have been removed]

5930. AT-1000 does not show correct power out

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-02-05 20:54:44 UTC
From: Randy B.
Topic: 5928 Message: 5930

I bought a new AT-1000 a few years back (gray box) for use with my Icom-718 and an AL-811H. Not long after I had it something went ka-blewee inside. It was under warranty so I sent it back. The return note indicated a bad connection somewhere inside. However, it has NEVER shown what I consider to be the correct power out on the scale. I finally bought another wattmeter to check the power output and according to the new meter the tuner is indeed showing way low on output. It seems to do ok on indicating the SWR but the dang thing caused me to burn out a choke in the AL-811H trying to get the wattage up where it should be. I don't trust this thing but it is all I have for matching on my long wire and I can't afford another tuner that will handle that much power. Has anyone else had this problem? Maybe I should have complained earlier but I have just been trying to make do and stay on the side of caution. You can't talk when your equipment is in the shop.

Randy

[Non-text portions of this message have been removed]

5932. Re: AT-600Pro vs AT-600ProII

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-02-06 01:42:16 UTC
From: Stefan
Topic: 5924 Message: 5932

Hi Dwayne,

Back in 2012 while i was working on my TS-2000 tuner interface for AT-600Pro i found this KEY line issue:
Tuner is not responding to an external tune command (START line pulled down/released for 500mS) by pulling KEY low, requesting carrier as described in Tuner Interface Application Note.
We exchanged couple e-mails back then.
Now my question is this issue fixed in the new AT-600ProII?

73's de Stefan / AF6SA

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" wrote:
>
> Stefan,
>
> 1) I don't know of any KEY line problem.
> 2) While it's possible, we don't have any current plans for it.
> 3) We've been looking at remote tuners for a while, but nothing to report right now.
>
> Dwayne
> LDG
>
>
>
> > Hi Dwayne,
> >
> > Thanks for you answer. I have 2 more questions.
> >
> > 1. Does the ProII has still the KEY line problem?
> > 2. Do you have plans to include additional controls on M-600 for Ant1 <> Ant2 switching
> > and Bypassing the tuner?
> > Any "remote" tuner from LDG in the future?
> >
> > Stefan
> >
> > --- In LDG-auto-tuners@yahoogroups.com, "Dwayne" wrote:
> > >
> > > Stefan,
> > >
> > > The only difference is the ProII has an interface jack on the back to go to the M-600.
> > >
> > > Dwayne Kincaid
> > > LDG
> > >

> > > --- In LDG-auto-tuners@yahoogroups.com, "Stefan" wrote:
> > > >
> > > > Hi,
> > > >
> > > > I'm thinking about upgrade and wondering what are the differences between AT-600Pro and the new AT-600ProII tuners?
> > > >
> > > > 73's de Stefan /AF6SA
> > > >
> > >
> >
>

5933. Remote Tune function (was AT-600Pro vs AT-600ProII)

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-02-06 21:08:38 UTC
From: astro_maryland
Topic: 5933 Message: 5933

Hi Dwayne,

There seems to be an increasing number of LDG AutoTuner users who have voiced a desire for some kind of remote operation.

How about forwarding this up the lines and see if it is feasible to implement an abbreviated or limited method of tuning AutoTuners ... something like was mentioned recently "... a simple method that enables one sitting in the shack to hit the "tune" button when the AutoTuner is someplace remote ..." Then may be later you guys can introduce a full-fledged remote autotuner.

73, K3VAT

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" wrote:
>
> Stefan,
>
> 1) I don't know of any KEY line problem.
> 2) While it's possible, we don't have any current plans for it.
> 3) We've been looking at remote tuners for a while, but nothing to report right now.
>
> Dwayne
> LDG
>
>
>
> > Hi Dwayne,
> >
> > Thanks for you answer. I have 2 more questions.
> >
> > 1. Does the ProII has still the KEY line problem?
> > 2. Do you have plans to include additional controls on M-600 for Ant1 <> Ant2 switching
> > and Bypassing the tuner?
> > Any "remote" tuner from LDG in the future?
> >
> > Stefan
<snip>

5934. Re: Remote LDG Outdoor Auto-Tuners

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-02-06 21:41:35 UTC
From: w0sgm
Topic: 5928 Message: 5934

That's what I did with a Z11Pro...put it in one of those cheap plastic ammo boxes that have the seal in the lid,run power through a pair of MFJ Bias-T's..It's been out there for a couple years now I think..There are pics in the S9 group of the setup.

Scott W0SGM

--- In LDG-auto-tuners@yahoogroups.com, George wrote:
>
> Rich,
>
> I know this might not be the solution you were looking for, but when I bought my ldg z100 pro II the folks at HRO told me that if I was not putting power to the antenna,I could just put the little guy in a water tight toolbox with the battery pack wired up and inline with the shack coax connection and it would auto tune with no issues. The battery draw would be minimal and because it had such a large number of memories it would hold all the settings you were likely to need. I know this was probably not designed this way, but I do know that others are thinking along these lines.
>
> Food for thought.
>
> George
>
> 210.782.8618 | KA7PHR@...
>
>
> On Feb 5, 2013, at 11:28 AM, "astro_maryland" wrote:
>
> > Group,
> >
> > With LDG auto-tuners become more prevalent, especially with the release of the new Pro versions, when do you think we will see added hardware for remote outdoor auto-tuner usage? The simple hardware configuration would seem to be an external plug in the rear of the auto-tuner that activates the unit's TUNE when a push-button is hit from inside your shack (of course, we'll need a wire/cable that runs from the remote location to the shack).
> >
> > LDG can definitely capture a lot of the MFJ's external remote auto tuner market because of the continuing MFJ dismal quality control record (just check out MFJ's scores under "Product Reviews" on eHam.com).
> >
> > 73, Rich
> >
> >
>
>
> [Non-text portions of this message have been removed]

>

5935. RE: [LDG-auto-tuners] Remote Tune function (was AT-600Pro vs AT-600ProII)

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-02-06 22:23:48 UTC
From: Jerry Haigwood
Topic: 5933 Message: 5935

Dwayne is the TOP of the line. He owns the company!

Jerry W5JH

"building something without experimenting is just solder practice"

From: LDG-auto-tuners@yahoogroups.com
[mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of astro_maryland
Sent: Wednesday, February 06, 2013 3:09 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Remote Tune function (was AT-600Pro vs AT-600ProII)

Hi Dwayne,

There seems to be an increasing number of LDG AutoTuner users who have voiced a desire for some kind of remote operation.

How about forwarding this up the lines and see if it is feasible to implement an abbreviated or limited method of tuning AutoTuners ... something like was mentioned recently "... a simple method that enables one sitting in the shack to hit the "tune" button when the AutoTuner is someplace remote ..." Then may be later you guys can introduce a full-fledged remote autotuner.

73, K3VAT

--- In LDG-auto-tuners@yahoogroups.com <mailto:LDG-auto-tuners%40yahoogroups.com> , "Dwayne" wrote:
>
> Stefan,
>
> 1) I don't know of any KEY line problem.
> 2) While it's possible, we don't have any current plans for it.
> 3) We've been looking at remote tuners for a while, but nothing to report right now.
>
> Dwayne
> LDG
>
>
>
> > Hi Dwayne,
> >
> > Thanks for you answer. I have 2 more questions.

> >
> > 1. Does the ProII has still the KEY line problem?
> > 2. Do you have plans to include additional controls on M-600 for Ant1 <>
Ant2 switching
> > and Bypassing the tuner?
> > Any "remote" tuner from LDG in the future?
> >
> > Stefan

[Non-text portions of this message have been removed]

5936. Re: Remote Tune function (was AT-600Pro vs AT-600ProII)

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-02-07 18:46:59 UTC
From: Stefan
Topic: 5933 Message: 5936

Hi,

They are remote functions already integrated in AT600Pro - the radio interface.
Now I have TS-2000 followed by ALS-600 PA in my shack. Made interface box and now when i press TUNE button on TS2K it will bypass the PA, send 10W carrier and start tune on AT600Pro. There is just a small problem in the KEY line and the interface can't see when the tune is completed and i need to press again TUNE to end the processes.
This can be done also from the PC. On HRD screen I added <AT GO> and <AT END> buttons and now i can do this remotely.
Automating the tune process (bypass PA, send 10W carrier then tune) is important to me, because it is safer for my Tuner and PA and makes less QRM.

With the new AT600ProII, using the additional serial interface for M-600, new functions can be added:
1. Remotely switching between ANT1 <> ANT2 and switching the memory banks. Now i have external switch to change antennas and after every change i need to tune again, because the tuner does not know about that.
2. Bypassing the tuner when needed.

Thinking to upgrade to the new ProII series and adding this functionality.

CU on CQ WW RTTY WPX this weekend!
73's de Stefan / AF6SA

--- In LDG-auto-tuners@yahoogroups.com, "Jerry Haigwood" wrote:
>
> Dwayne is the TOP of the line. He owns the company!
>
> Jerry W5JH
>
> "building something without experimenting is just solder practice"
>
>
>
>
>
>
>
>
> From: LDG-auto-tuners@yahoogroups.com
> [mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of astro_maryland
> Sent: Wednesday, February 06, 2013 3:09 PM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: [LDG-auto-tuners] Remote Tune function (was AT-600Pro vs
> AT-600ProII)
>
>

>
>
>
> Hi Dwayne,
>
> There seems to be an increasing number of LDG AutoTuner users who have
> voiced a desire for some kind of remote operation.
>
> How about forwarding this up the lines and see if it is feasible to
> implement an abbreviated or limited method of tuning AutoTuners ...
> something like was mentioned recently "... a simple method that enables one
> sitting in the shack to hit the "tune" button when the AutoTuner is
> someplace remote ..." Then may be later you guys can introduce a
> full-fledged remote autotuner.
>
> 73, K3VAT
>
> --- In LDG-auto-tuners@yahoogroups.com
> , "Dwayne" wrote:
> >
> > Stefan,
> >
> > 1) I don't know of any KEY line problem.
> > 2) While it's possible, we don't have any current plans for it.
> > 3) We've been looking at remote tuners for a while, but nothing to report
> right now.
> >
> > Dwayne
> > LDG
> >
> >
> >
> > > Hi Dwayne,
> > >
> > > Thanks for you answer. I have 2 more questions.
> > >
> > > 1. Does the ProII has still the KEY line problem?
> > > 2. Do you have plans to include additional controls on M-600 for Ant1 <>
> Ant2 switching
> > > and Bypassing the tuner?
> > > Any "remote" tuner from LDG in the future?
> > >
> > > Stefan
>
>
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>
>
>
>

> [Non-text portions of this message have been removed]
>

5937. Re: AT-600Pro vs AT-600ProII

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-02-07 19:15:28 UTC
From: Dwayne
Topic: 5924 Message: 5937

Stefan,

Since we don't have an interface for Kenwood radios for the AT-600Pro or AT-600ProII, that is an issue that we would not look at. So I doubt the 600ProII behaves any differently than the 600Pro.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "Stefan" wrote:
>
> Hi Dwayne,
>
> Back in 2012 while i was working on my TS-2000 tuner interface for AT-600Pro i found this KEY line issue:
> Tuner is not responding to an external tune command (START line pulled down/released for 500mS) by pulling KEY low, requesting carrier as described in Tuner Interface Application Note.
> We exchanged couple e-mails back then.
> Now my question is this issue fixed in the new AT-600ProII?
>
> 73's de Stefan / AF6SA
>
>
> --- In LDG-auto-tuners@yahoogroups.com, "Dwayne" wrote:
> >
> > Stefan,
> >
> > 1) I don't know of any KEY line problem.
> > 2) While it's possible, we don't have any current plans for it.
> > 3) We've been looking at remote tuners for a while, but nothing to report right now.
> >
> > Dwayne
> > LDG
> >
> >
> >
> > > Hi Dwayne,
> > >
> > > Thanks for you answer. I have 2 more questions.
> > >
> > > 1. Does the ProII has still the KEY line problem?
> > > 2. Do you have plans to include additional controls on M-600 for Ant1 <> Ant2 switching
> > > and Bypassing the tuner?
> > > Any "remote" tuner from LDG in the future?

> > >
> > > Stefan
> > >
> > > --- In LDG-auto-tuners@yahoogroups.com, "Dwayne" wrote:
> > > >
> > > > Stefan,
> > > >
> > > > The only difference is the ProII has an interface jack on the back to go to the M-600.
> > > >
> > > > Dwayne Kincaid
> > > > LDG
> > > >
> > > > --- In LDG-auto-tuners@yahoogroups.com, "Stefan" wrote:
> > > > >
> > > > > Hi,
> > > > >
> > > > > I'm thinking about upgrade and wondering what are the differences between AT-600Pro and the new AT-600ProII tuners?
> > > > >
> > > > > 73's de Stefan /AF6SA
> > > > >
> > > >
> > > >
> > >
> > >
> >

5938. Re: [LDG-auto-tuners] Re: AT-600Pro vs AT-600ProII

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-02-07 19:36:32 UTC
From: Stewart Bryant
Topic: 5924 Message: 5938

It would be really cool if there were a f/w update to the pulse protocol to set bypass, ant 1 or ant 2 (positively set rather than swap). This would be a real bonus for remote operation.

Stewart/G3YSX

On 07/02/2013 19:15, Dwayne wrote:
> Stefan,
>
> Since we don't have an interface for Kenwood radios for the AT-600Pro or
> AT-600ProII, that is an issue that we would not look at. So I doubt the
> 600ProII behaves any differently than the 600Pro.
>
> Dwayne Kincaid
> LDG
>
> --- In LDG-auto-tuners@yahoogroups.com
> <mailto:LDG-auto-tuners%40yahoogroups.com>, "Stefan" wrote:
> >
> > Hi Dwayne,
> >
> > Back in 2012 while i was working on my TS-2000 tuner interface for
> AT-600Pro i found this KEY line issue:
> > Tuner is not responding to an external tune command (START line
> pulled down/released for 500mS) by pulling KEY low, requesting carrier
> as described in Tuner Interface Application Note.
> > We exchanged couple e-mails back then.
> > Now my question is this issue fixed in the new AT-600ProII?
> >
> > 73's de Stefan / AF6SA
> >
> >
> > --- In LDG-auto-tuners@yahoogroups.com
> <mailto:LDG-auto-tuners%40yahoogroups.com>, "Dwayne" wrote:
> > >
> > > Stefan,
> > >
> > > 1) I don't know of any KEY line problem.
> > > 2) While it's possible, we don't have any current plans for it.
> > > 3) We've been looking at remote tuners for a while, but nothing to
> report right now.
> > >
> > > Dwayne
> > > LDG
> > >

> > >
> > >
> > > > Hi Dwayne,
> > > >
> > > > Thanks for you answer. I have 2 more questions.
> > > >
> > > > 1. Does the ProII has still the KEY line problem?
> > > > 2. Do you have plans to include additional controls on M-600 for
> Ant1 <> Ant2 switching
> > > > and Bypassing the tuner?
> > > > Any "remote" tuner from LDG in the future?
> > > >
> > > > Stefan
> > > >
> > > > --- In LDG-auto-tuners@yahoogroups.com
> <mailto:LDG-auto-tuners%40yahoogroups.com>, "Dwayne" wrote:
> > > > >
> > > > > Stefan,
> > > > >
> > > > > The only difference is the ProII has an interface jack on the
> back to go to the M-600.
> > > > >
> > > > > Dwayne Kincaid
> > > > > LDG
> > > > >
> > > > > --- In LDG-auto-tuners@yahoogroups.com
> <mailto:LDG-auto-tuners%40yahoogroups.com>, "Stefan" wrote:
> > > > > >
> > > > > > Hi,
> > > > > >
> > > > > > I'm thinking about upgrade and wondering what are the
> differences between AT-600Pro and the new AT-600ProII tuners?
> > > > > >
> > > > > > 73's de Stefan /AF6SA
> > > > > >
> > > > >
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>

5939. Re: AT-600Pro vs AT-600ProII

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-02-07 20:44:49 UTC
From: Dwayne
Topic: 5924 Message: 5939

Stewart,

We could look at that. However the tuner responds with what antenna is selected after the swap, so the smarts on the interface side should be able to handle that.

Maybe we could add a query function that would respond with the current antenna, Auto/semi mode and bypass/or not.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, Stewart Bryant wrote:
>
> It would be really cool if there were a f/w update to the pulse
> protocol to set bypass, ant 1 or ant 2 (positively set rather than
> swap). This would be a real bonus for remote operation.
>
> Stewart/G3YSX
>
>
>
> On 07/02/2013 19:15, Dwayne wrote:
> > Stefan,
> >
> > Since we don't have an interface for Kenwood radios for the AT-600Pro or
> > AT-600ProII, that is an issue that we would not look at. So I doubt the
> > 600ProII behaves any differently than the 600Pro.
> >
> > Dwayne Kincaid
> > LDG
> >
> > --- In LDG-auto-tuners@yahoogroups.com
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> > >
> > > Hi Dwayne,
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> > > Back in 2012 while i was working on my TS-2000 tuner interface for
> > AT-600Pro i found this KEY line issue:
> > > Tuner is not responding to an external tune command (START line
> > pulled down/released for 500mS) by pulling KEY low, requesting carrier
> > as described in Tuner Interface Application Note.
> > > We exchanged couple e-mails back then.
> > > Now my question is this issue fixed in the new AT-600ProII?
> > >
> > > 73's de Stefan / AF6SA
> > >

> > >
> > > --- In LDG-auto-tuners@yahoogroups.com
> > , "Dwayne" wrote:
> > > >
> > > > Stefan,
> > > >
> > > > 1) I don't know of any KEY line problem.
> > > > 2) While it's possible, we don't have any current plans for it.
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> > report right now.
> > > >
> > > > Dwayne
> > > > LDG
> > > >
> > > >
> > > >
> > > > > Hi Dwayne,
> > > > >
> > > > > Thanks for you answer. I have 2 more questions.
> > > > >
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> > Ant1 <> Ant2 switching
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> > > > >
> > > > > Stefan
> > > > >
> > > > > --- In LDG-auto-tuners@yahoogroups.com
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> > > > > >
> > > > > > Stefan,
> > > > > >
> > > > > > The only difference is the ProII has an interface jack on the
> > back to go to the M-600.
> > > > > >
> > > > > > Dwayne Kincaid
> > > > > > LDG
> > > > > >
> > > > > > --- In LDG-auto-tuners@yahoogroups.com
> > , "Stefan" wrote:
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> > > > > > > Hi,
> > > > > > >
> > > > > > > I'm thinking about upgrade and wondering what are the
> > differences between AT-600Pro and the new AT-600ProII tuners?
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> > > > > > > 73's de Stefan /AF6SA
> > > > > > >
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5940. Re: [LDG-auto-tuners] Re: AT-600Pro vs AT-600ProII

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-02-07 22:41:10 UTC
From: Stewart Bryant
Topic: 5924 Message: 5940

Hi Dwayne

Sorry to be dense, but looking at TUNER INTERFACE APPLICATION NOTE REV A
I can see the commands 80ms/550ms/2.5s, but it give no information
about the ant sel function (just says toggle bypass) but more
importantly it does not seem to specify the response code. Where
can I find this please.

I agree that it will normally be perfectly acceptable to remember
last state and move through the sequence, but I could not find a
definition of the responses.

73

Stewart/G3YSX

On 07/02/2013 20:44, Dwayne wrote:
> Stewart,
>
> We could look at that. However the tuner responds with what antenna is
> selected after the swap, so the smarts on the interface side should be
> able to handle that.
>
> Maybe we could add a query function that would respond with the current
> antenna, Auto/semi mode and bypass/or not.
>
> Dwayne Kincaid
> LDG
>
> --- In LDG-auto-tuners@yahoogroups.com
> <mailto:LDG-auto-tuners%40yahoogroups.com>, Stewart Bryant wrote:
> >
> > It would be really cool if there were a f/w update to the pulse
> > protocol to set bypass, ant 1 or ant 2 (positively set rather than
> > swap). This would be a real bonus for remote operation.
> >
> > Stewart/G3YSX
> >
> >
> >
> > On 07/02/2013 19:15, Dwayne wrote:
> > > Stefan,
> > >
> > > Since we don't have an interface for Kenwood radios for the
> AT-600Pro or
> > > AT-600ProII, that is an issue that we would not look at. So I doubt the

> > > 600ProII behaves any differently than the 600Pro.
> > >
> > > Dwayne Kincaid
> > > LDG
> > >
> > > --- In LDG-auto-tuners@yahoogroups.com
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> > > , "Stefan" wrote:
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> > > >
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> > > as described in Tuner Interface Application Note.
> > > > We exchanged couple e-mails back then.
> > > > Now my question is this issue fixed in the new AT-600ProII?
> > > >
> > > > 73's de Stefan / AF6SA
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> > > >
> > > > --- In LDG-auto-tuners@yahoogroups.com
> <mailto:LDG-auto-tuners%40yahoogroups.com>
> > > , "Dwayne" wrote:
> > > > >
> > > > > Stefan,
> > > > >
> > > > > 1) I don't know of any KEY line problem.
> > > > > 2) While it's possible, we don't have any current plans for it.
> > > > > 3) We've been looking at remote tuners for a while, but nothing to
> > > report right now.
> > > > >
> > > > > Dwayne
> > > > > LDG
> > > > >
> > > > >
> > > > >
> > > > > > Hi Dwayne,
> > > > > >
> > > > > > Thanks for you answer. I have 2 more questions.
> > > > > >
> > > > > > 1. Does the ProII has still the KEY line problem?
> > > > > > 2. Do you have plans to include additional controls on M-600 for
> > > Ant1 <> Ant2 switching
> > > > > > and Bypassing the tuner?
> > > > > > Any "remote" tuner from LDG in the future?
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> > > > > > Stefan
> > > > > >

```
> > > > > > --- In LDG-auto-tuners@yahoogroups.com
> <mailto:LDG-auto-tuners%40yahoogroups.com>
> > > , "Dwayne" wrote:
> > > > > > >
> > > > > > > Stefan,
> > > > > > >
> > > > > > > The only difference is the ProII has an interface jack on the
> > > back to go to the M-600.
> > > > > > >
> > > > > > > Dwayne Kincaid
> > > > > > > LDG
> > > > > > >
> > > > > > > --- In LDG-auto-tuners@yahoogroups.com
> <mailto:LDG-auto-tuners%40yahoogroups.com>
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> > > > > > > > Hi,
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> > > > > > > > I'm thinking about upgrade and wondering what are the
> > > differences between AT-600Pro and the new AT-600ProII tuners?
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> > > > > > > > 73's de Stefan /AF6SA
> > > > > > > >
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5941. Re: AT-600Pro vs AT-600ProII

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-02-08 01:14:21 UTC
From: Dwayne
Topic: 5924 Message: 5941

The info for the serial interface for the AT-600ProII and AT-1000ProII is in the manuals section.

Dwayne
LDG

--- In LDG-auto-tuners@yahoogroups.com, Stewart Bryant wrote:
>
> Hi Dwayne
>
> Sorry to be dense, but looking at TUNER INTERFACE APPLICATION NOTE REV A
> I can see the commands 80ms/550ms/2.5s, but it give no information
> about the ant sel function (just says toggle bypass) but more
> importantly it does not seem to specify the response code. Where
> can I find this please.
>
> I agree that it will normally be perfectly acceptable to remember
> last state and move through the sequence, but I could not find a
> definition of the responses.
>
> 73
>
> Stewart/G3YSX
>
>
>
> On 07/02/2013 20:44, Dwayne wrote:
> > Stewart,
> >
> > We could look at that. However the tuner responds with what antenna is
> > selected after the swap, so the smarts on the interface side should be
> > able to handle that.
> >
> > Maybe we could add a query function that would respond with the current
> > antenna, Auto/semi mode and bypass/or not.
> >
> > Dwayne Kincaid
> > LDG
> >
> > --- In LDG-auto-tuners@yahoogroups.com
> > , Stewart Bryant wrote:
> > >
> > > It would be really cool if there were a f/w update to the pulse
> > > protocol to set bypass, ant 1 or ant 2 (positively set rather than
> > > swap). This would be a real bonus for remote operation.

> > >
> > > Stewart/G3YSX
> > >
> > >
> > >
> > > On 07/02/2013 19:15, Dwayne wrote:
> > > > Stefan,
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> > > > Since we don't have an interface for Kenwood radios for the
> > AT-600Pro or
> > > > AT-600ProII, that is an issue that we would not look at. So I doubt the
> > > > 600ProII behaves any differently than the 600Pro.
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> > > > Dwayne Kincaid
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> > > > --- In LDG-auto-tuners@yahoogroups.com
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> > > > , "Stefan" wrote:
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> > > > as described in Tuner Interface Application Note.
> > > > > We exchanged couple e-mails back then.
> > > > > Now my question is this issue fixed in the new AT-600ProII?
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> > > > >
> > > > > --- In LDG-auto-tuners@yahoogroups.com
> >
> > > > , "Dwayne" wrote:
> > > > > >
> > > > > > Stefan,
> > > > > >
> > > > > > 1) I don't know of any KEY line problem.
> > > > > > 2) While it's possible, we don't have any current plans for it.
> > > > > > 3) We've been looking at remote tuners for a while, but nothing to
> > > > report right now.
> > > > > >
> > > > > > Dwayne
> > > > > > LDG
> > > > > >
> > > > > >
> > > > > >
> > > > > > Hi Dwayne,

> > > > > > >
> > > > > > > > Thanks for you answer. I have 2 more questions.
> > > > > > > >
> > > > > > > > 1. Does the ProII has still the KEY line problem?
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> > > > Ant1 <> Ant2 switching
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> > > > > > > > Any "remote" tuner from LDG in the future?
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> > > > > > > > Stefan
> > > > > > > >
> > > > > > > > --- In LDG-auto-tuners@yahoogroups.com
> >
> > > > , "Dwayne" wrote:
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> > > > > > > > Stefan,
> > > > > > > > >
> > > > > > > > The only difference is the ProII has an interface jack on the
> > > > back to go to the M-600.
> > > > > > > > >
> > > > > > > > Dwayne Kincaid
> > > > > > > > LDG
> > > > > > > > >
> > > > > > > > --- In LDG-auto-tuners@yahoogroups.com
> >
> > > > , "Stefan" wrote:
> > > > > > > > > >
> > > > > > > > Hi,
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> > > > > > > > I'm thinking about upgrade and wondering what are the
> > > > differences between AT-600Pro and the new AT-600ProII tuners?
> > > > > > > > >
> > > > > > > > 73's de Stefan /AF6SA
> > > > > > > > >
> > > > > > > > >
> > > > > > > > >

5942. tuner testing, Re: AT-1000 does not show correct power out

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-02-08 20:40:35 UTC
From: Avery
Topic: 5928 Message: 5942

Randy,
I don't have an AT-1000, but I have been using antenna tuners, including automatic and manual ones, for a long time. I think you are concerned that the tuner is not operating efficiently. This can be difficult to measure because the output of the tuner is a conjugate match to the load (antenna), and thus is at a complex impedance that a power meter will have difficulty measuring accurately. The easiest thing to measure is the temperature of the tuner. If it is not operating efficiently, then the difference between the input power and the lower output power has to be going someplace, and is most likely being dissipated as heat in the tuner. If it is not getting hot, then the power in is going out. If the VWSR at the input to the tuner is low, then the power meter reading at the input should be accurate (if the power and VSRW meters are working and calibrated properly). If your amplifier is having difficulty loading into the tuner when the VSRW measures low, I would recommend checking the amplifier out with a good dummy load to make sure there is not some problem in the amplifier itself. If it works well with a dummy load, but not with the tuner when the VSWR meter reads low, then you need to check out the accuracy of the VSWR meter. The scientific method is to check out each piece independently to isolate the piece that is not working correctly.

There is a method of directly checking the efficiency of the tuner I have used, but you need a second tuner, preferably manual. Set up the manual tuner with a dummy load and power meter on the input (transmitter) port, with the power meter directed to measure the power going into the dummy load. Next, connect a VSWR meter on the manual tuner's output (antenna) port, and drive it with a transmitter (low power is recommended). While transmitting, adjust the manual tuner to produce the mismatch you desire: 2:1, 3:1, etc. If you have an antenna analyzer, you can adjust to a specific complex impedance. After adjusting to the VSWR mismatch you want, connect the manual tuner output (antenna) port to the output (antenna) port of the tuner you wish to evaluate (such as your AT-1000). Connect a power meter to the input (transmitter) port of the tuner under test, and the transmitter to the power meter. Transmit and adjust the VSWR with the tuner under test (automatically for your AT-1000). When the VSWR at the transmitter is low, measure the power going into the tuner under test, and the power going into the dummy load from the second tuner. The ratio of these two powers is the efficiency of the tuner (both tuners combined, although I used a 1.5KW manual tuner so it should have been more efficient than the 100W automatic tuner I was testing).

Hope this helps!

73,
Avery, WB4RTP

5943. tuner testing, Re: AT-1000 does not show correct power out

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-02-08 21:40:44 UTC
From: Stefan
Topic: 5928 Message: 5943

Another good method is to measure the thermal losses - the heat dissipated by the tuner. You can use a properly sized cooler, put the tuner inside and measure the temp rise while operating. Then put inside a lamp and apply power until get the same temp rise. That is your power loss.
I will just open the cover and see how hot is inside. Compare it with 40W or 100W bulb and you will got the idea of power losses.

If you loose just 3db at 1KW, AT-1000 will have a red glow :))

73's de Stefan / AF6SA

--- In LDG-auto-tuners@yahoogroups.com, "Avery" wrote:
>
> Randy,
> I don't have an AT-1000, but I have been using antenna tuners, including automatic and manual ones, for a long time. I think you are concerned that the tuner is not operating efficiently. This can be difficult to measure because the output of the tuner is a conjugate match to the load (antenna), and thus is at a complex impedance that a power meter will have difficulty measuring accurately. The easiest thing to measure is the temperature of the tuner. If it is not operating efficiently, then the difference between the input power and the lower output power has to be going someplace, and is most likely being dissipated as heat in the tuner. If it is not getting hot, then the power in is going out. If the VWSR at the input to the tuner is low, then the power meter reading at the input should be accurate (if the power and VSRW meters are working and calibrated properly). If your amplifier is having difficulty loading into the tuner when the VSRW measures low, I would recommend checking the amplifier out with a good dummy load to make sure there is not some problem in the amplifier itself. If it works well with a dummy load, but not with the tuner when the VSWR meter reads low, then you need to check out the accuracy of the VSWR meter. The scientific method is to check out each piece independently to isolate the piece that is not working correctly.
>
> There is a method of directly checking the efficiency of the tuner I have used, but you need a second tuner, preferably manual. Set up the manual tuner with a dummy load and power meter on the input (transmitter) port, with the power meter directed to measure the power going into the dummy load. Next, connect a VSWR meter on the manual tuner's output (antenna) port, and drive it with a transmitter (low power is recommended). While transmitting, adjust the manual tuner to produce the mismatch you desire: 2:1, 3:1, etc. If you have an antenna analyzer, you can adjust to a specific complex impedance. After adjusting to the VSWR mismatch you want, connect the manual tuner output (antenna) port to the output (antenna) port of the tuner you wish to evaluate (such as your AT-1000). Connect a power meter to the input (transmitter) port of the tuner under test, and the transmitter to the power meter. Transmit and adjust the VSWR with the tuner under test (automatically for your AT-1000). When the VSWR at the transmitter is low, measure the power going into the tuner under test, and the power going into the dummy load from the second tuner. The ratio of these two powers is the efficiency of the tuner (both tuners combined, although I used a 1.5KW manual tuner so it should have been more efficient than the 100W automatic

tuner I was testing).
>
> Hope this helps!
>
> 73,
> Avery, WB4RTP
>

5944. Re: Help with SWR bridge adjustment on AT-11MP

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-02-08 22:19:07 UTC
From: Philip
Topic: 5078 Message: 5944

Update.

Opened up my AT-11MP today and put a 27K in series with both meters.
Now I can adjust the preset to give 4.5 volts at the test points, with 100 watts. Now the power meter reads 100 watts, not hitting the end stop.
Now the auto tune works as it should.

Philip g7jur.

--- In LDG-auto-tuners@yahoogroups.com, "Philip" wrote:
>
> Many thanks for the feedback.
>
> Yes that is the the voltage with the the ATU into 50 ohms, and set to bypass (cap and ind switches pressed down).
> Then the Input and output is swapped over and the REV test point set to the same voltage as measured on the FWD test point.
>
> I built this from a kit back in 2003, but some how I have lost the construction notes, but LDG e-mailed me a copy. But no schematics.
>
> Again many thanks Philip g7jur.
>
> --- In LDG-auto-tuners@yahoogroups.com, "ve_3_dsh" wrote:
> >
> > Philip, mine gives 1.87v at 100w into a 50 ohm load. That's pretty much the same, allowing for tolerances between diode lots. I don't have a service manual; Is this supposed to be a 1:1 matched condition?
> >
> > --- In LDG-auto-tuners@yahoogroups.com, "Philip" wrote:
> > >
> > > Hi all.
> > >
> > > I have a AT-11MP. Need to readjust the SWR bridge.
> > > The manual states with 100 Watts adjust the preset for 4.5 Volts on the FWD test point, this has power meter why off the end. If I adjust the preset so the meter shows 100 watts the FWD test point reads 1.6 volts.
> > > This ATU has firmware V1.6 fitted. Are the voltages correct.
> > >
> > > Philip g7jur.
> > >
> >
>

5945. tuner testing, Re: AT-1000 does not show correct power out

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-02-09 03:47:10 UTC
From: Dwayne
Topic: 5928 Message: 5945

Stephan,

While the calorimeter method may be a good method to measure under low power conditions, it would not work at high power. When a toroidal core saturates, it becomes more inefficient.

If you accidentally saturate a core, then you'll get a sort of thermal runaway where the core get's hot, then becomes more inefficient and then becomes even hotter. If it gets too hot, it goes to a point to where the core will no longer have the original characteristics and the entire tuner will sub-perform.

The ARRL Labs did tests of what they thought were tuner efficiencies back a few years ago, but they only use resistive loads. We still don't even make a reference to that article because it uses completely non-real world data and is basically useless. We complained so much that we asked for our products to be removed from the test, but they refused.

There are ways to test the efficiencies, but since the tuner has over 100,000 combinations of Ls and Cs and covers 1.8 to 54 MHz, it may take someone years of data collections with all of the variables to find the true answer for a particular unit.

As a general rule, it's more efficient when it needs to match a load that is at 3:1 than it is to match a load at 6:1 and even better than one at 10:1.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "Stefan" wrote:
>
> Another good method is to measure the thermal losses - the heat dissipated by the tuner. You can use a properly sized cooler, put the tuner inside and measure the temp rise while operating. Then put inside a lamp and apply power until get the same temp rise. That is your power loss.
> I will just open the cover and see how hot is inside. Compare it with 40W or 100W bulb and you will got the idea of power losses.
>
> If you loose just 3db at 1KW, AT-1000 will have a red glow :))
>
> 73's de Stefan / AF6SA
>
> --- In LDG-auto-tuners@yahoogroups.com, "Avery" wrote:
> >
> > Randy,
> > I don't have an AT-1000, but I have been using antenna tuners, including automatic and manual ones, for a long time. I think you are concerned that the tuner is not operating efficiently. This can be difficult to measure because the output of the tuner is a conjugate match to the load (antenna), and thus is at a complex impedance that a power meter will have difficulty measuring accurately. The easiest thing to measure is the temperature of the tuner. If it is not operating efficiently, then the difference between

the input power and the lower output power has to be going someplace, and is most likely being dissipated as heat in the tuner. If it is not getting hot, then the power in is going out. If the VWSR at the input to the tuner is low, then the power meter reading at the input should be accurate (if the power and VSRW meters are working and calibrated properly). If your amplifier is having difficulty loading into the tuner when the VSRW measures low, I would recommend checking the amplifier out with a good dummy load to make sure there is not some problem in the amplifier itself. If it works well with a dummy load, but not with the tuner when the VSWR meter reads low, then you need to check out the accuracy of the VSWR meter. The scientific method is to check out each piece independently to isolate the piece that is not working correctly.
> >
> > There is a method of directly checking the efficiency of the tuner I have used, but you need a second tuner, preferably manual. Set up the manual tuner with a dummy load and power meter on the input (transmitter) port, with the power meter directed to measure the power going into the dummy load. Next, connect a VSWR meter on the manual tuner's output (antenna) port, and drive it with a transmitter (low power is recommended). While transmitting, adjust the manual tuner to produce the mismatch you desire: 2:1, 3:1, etc. If you have an antenna analyzer, you can adjust to a specific complex impedance. After adjusting to the VSWR mismatch you want, connect the manual tuner output (antenna) port to the output (antenna) port of the tuner you wish to evaluate (such as your AT-1000). Connect a power meter to the input (transmitter) port of the tuner under test, and the transmitter to the power meter. Transmit and adjust the VSWR with the tuner under test (automatically for your AT-1000). When the VSWR at the transmitter is low, measure the power going into the tuner under test, and the power going into the dummy load from the second tuner. The ratio of these two powers is the efficiency of the tuner (both tuners combined, although I used a 1.5KW manual tuner so it should have been more efficient than the 100W automatic tuner I was testing).
> >
> > Hope this helps!
> >
> > 73,
> > Avery, WB4RTP
> >
>

5946. Re: Help with SWR bridge adjustment on AT-11MP

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-02-09 03:55:38 UTC
From: Dwayne
Topic: 5078 Message: 5946

Philip,

I question to a point about the modification that you have done. While it may work for you, the meter elements are driven by D/A converters, then converted to a current driver to drive the meter.

A more proper place to make any modifications may have been on the SWR circuit. The SWR circuit reads the forward and reverse voltages that correspond to the forward and reverse RF power. This is read by the A/D pins on the processor. Then the forward and reverse voltage is then used to compute the SWR.

If the proper reading were not being displayed on the meter, it's more likely an issue with the SWR circuit rather then the D/A circuits that drives the meter.

However, if you find your solution solves your problem, then that is fine with us.

Dwayne Kincaid

>
> Update.
>
> Opened up my AT-11MP today and put a 27K in series with both meters.
> Now I can adjust the preset to give 4.5 volts at the test points, with 100 watts. Now the power meter reads 100 watts, not hitting the end stop.
> Now the auto tune works as it should.
>
> Philip g7jur.
>
>

5947. Schematic for AT-11MP

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-02-09 22:38:28 UTC
From: Philip
Topic: 5947 Message: 5947

Can anyone help I need a Schematic for my AT-11MP.
I built it from a kit, but I now need to fix it and I have lost the Schematic I had for it.

Philip g7jur.

5948. AT-897 Plus Computer Port?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-02-09 16:50:22 UTC
From: StefanoC
Topic: 5948 Message: 5948

Hi
I have a Yaesu FT-897D with a LDG AT-897 Plus.
I would like to use a bluetooth dongle to connect my computer to the radio.
I should have to connect the dongle to the AT-897 Plus computer port, so my question is: is the Computer port a full replica, so it can feed the power needed to the dongle?

Thank you for any answer!

73 + 51 de IZ3XNJ Stefano form North East Italy.

5949. Re: Help with SWR bridge adjustment on AT-11MP

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-02-10 13:12:07 UTC
From: Philip
Topic: 5078 Message: 5949

Hi Dwayne.

Point taken. I have removed the resistors that I have added.
Applied 100 Watts and set FWD trimmer so meter shows 100 Watts,
Then set REV trimmer physically the same as FWD trimmer.
This same to work the best. Done the same why as the Z11.

Philip g7jur.

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" wrote:
>
>
> Philip,
>
> I question to a point about the modification that you have done. While it may work for you, the meter elements are driven by D/A converters, then converted to a current driver to drive the meter.
>
> A more proper place to make any modifications may have been on the SWR circuit. The SWR circuit reads the forward and reverse voltages that correspond to the forward and reverse RF power. This is read by the A/D pins on the processor. Then the forward and reverse voltage is then used to compute the SWR.
>
> If the proper reading were not being displayed on the meter, it's more likely an issue with the SWR circuit rather then the D/A circuits that drives the meter.
>
> However, if you find your solution solves your problem, then that is fine with us.
>
> Dwayne Kincaid
>
> >
> > Update.
> >
> > Opened up my AT-11MP today and put a 27K in series with both meters.
> > Now I can adjust the preset to give 4.5 volts at the test points, with 100 watts. Now the power meter reads 100 watts, not hitting the end stop.
> > Now the auto tune works as it should.
> >
> > Philip g7jur.
> >
> >
>

5950. Re: Help with SWR bridge adjustment on AT-11MP

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-02-10 22:21:39 UTC
From: Dwayne
Topic: 5078 Message: 5950

Philip,

Glad its working.

Dwayne

--- In LDG-auto-tuners@yahoogroups.com, "Philip" wrote:
>
> Hi Dwayne.
>
> Point taken. I have removed the resistors that I have added.
> Applied 100 Watts and set FWD trimmer so meter shows 100 Watts,
> Then set REV trimmer physically the same as FWD trimmer.
> This same to work the best. Done the same why as the Z11.
>
> Philip g7jur.
>
> --- In LDG-auto-tuners@yahoogroups.com, "Dwayne" wrote:
> >
> >
> > Philip,
> >
> > I question to a point about the modification that you have done. While it may work for you, the meter elements are driven by D/A converters, then converted to a current driver to drive the meter.
> >
> > A more proper place to make any modifications may have been on the SWR circuit. The SWR circuit reads the forward and reverse voltages that correspond to the forward and reverse RF power. This is read by the A/D pins on the processor. Then the forward and reverse voltage is then used to compute the SWR.
> >
> > If the proper reading were not being displayed on the meter, it's more likely an issue with the SWR circuit rather then the D/A circuits that drives the meter.
> >
> > However, if you find your solution solves your problem, then that is fine with us.
> >
> > Dwayne Kincaid
> >
> > >
> > > Update.
> > >
> > > Opened up my AT-11MP today and put a 27K in series with both meters.
> > > Now I can adjust the preset to give 4.5 volts at the test points, with 100 watts. Now the power meter reads 100 watts, not hitting the end stop.
> > > Now the auto tune works as it should.
> > >

> > > Philip g7jur.
> > >
> > >
> >
>

5951. Re: AT-897 Plus Computer Port?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-02-10 22:22:58 UTC
From: Dwayne
Topic: 5948 Message: 5951

Stefano,

Yes all pins pass through then the tuner is not tuning.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "StefanoC" wrote:
>
> Hi
> I have a Yaesu FT-897D with a LDG AT-897 Plus.
> I would like to use a bluetooth dongle to connect my computer to the radio.
> I should have to connect the dongle to the AT-897 Plus computer port, so my question is: is the Computer port a full replica, so it can feed the power needed to the dongle?
>
> Thank you for any answer!
>
> 73 + 51 de IZ3XNJ Stefano form North East Italy.
>

5952. tuner testing, Re: AT-1000 does not show correct power out

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-02-11 01:04:52 UTC
From: Stefan
Topic: 5928 Message: 5952

Yeah is too complicated
I won't go it to physics to explain that calorimeter method is good to measure any kind of power losses.
My point was that power losses in this type of equipment can be very easily estimated, by observing the temperature inside the enclosure.
If losses are more that 50W you can feel them.
I don't think AT1000 will survive > 100W power losses inside without burning.

Stefan / AF6SA

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" wrote:
>
> Stephan,
>
> While the calorimeter method may be a good method to measure under low power conditions, it would not work at high power. When a toroidal core saturates, it becomes more inefficient.
>
> If you accidentally saturate a core, then you'll get a sort of thermal runaway where the core get's hot, then becomes more inefficient and then becomes even hotter. If it gets too hot, it goes to a point to where the core will no longer have the original characteristics and the entire tuner will sub-perform.
>
> The ARRL Labs did tests of what they thought were tuner efficiencies back a few years ago, but they only use resistive loads. We still don't even make a reference to that article because it uses completely non-real world data and is basically useless. We complained so much that we asked for our products to be removed from the test, but they refused.
>
> There are ways to test the efficiencies, but since the tuner has over 100,000 combinations of Ls and Cs and covers 1.8 to 54 MHz, it may take someone years of data collections with all of the variables to find the true answer for a particular unit.
>
> As a general rule, it's more efficient when it needs to match a load that is at 3:1 than it is to match a load at 6:1 and even better than one at 10:1.
>
> Dwayne Kincaid
> LDG
>
>
>
> --- In LDG-auto-tuners@yahoogroups.com, "Stefan" wrote:
> >
> > Another good method is to measure the thermal losses - the heat dissipated by the tuner. You can use a properly sized cooler, put the tuner inside and measure the temp rise while operating. Then put inside a lamp and apply power until get the same temp rise. That

is your power loss.
> > I will just open the cover and see how hot is inside. Compare it with 40W or 100W bulb and you will got the idea of power losses.
> >
> > If you loose just 3db at 1KW, AT-1000 will have a red glow :))
> >
> > 73's de Stefan / AF6SA
> >
> > --- In LDG-auto-tuners@yahoogroups.com, "Avery" wrote:
> > >
> > > Randy,
> > > I don't have an AT-1000, but I have been using antenna tuners, including automatic and manual ones, for a long time. I think you are concerned that the tuner is not operating efficiently. This can be difficult to measure because the output of the tuner is a conjugate match to the load (antenna), and thus is at a complex impedance that a power meter will have difficulty measuring accurately. The easiest thing to measure is the temperature of the tuner. If it is not operating efficiently, then the difference between the input power and the lower output power has to be going someplace, and is most likely being dissipated as heat in the tuner. If it is not getting hot, then the power in is going out. If the VWSR at the input to the tuner is low, then the power meter reading at the input should be accurate (if the power and VSRW meters are working and calibrated properly). If your amplifier is having difficulty loading into the tuner when the VSRW measures low, I would recommend checking the amplifier out with a good dummy load to make sure there is not some problem in the amplifier itself. If it works well with a dummy load, but not with the tuner when the VSWR meter reads low, then you need to check out the accuracy of the VSWR meter. The scientific method is to check out each piece independently to isolate the piece that is not working correctly.
> > >
> > > There is a method of directly checking the efficiency of the tuner I have used, but you need a second tuner, preferably manual. Set up the manual tuner with a dummy load and power meter on the input (transmitter) port, with the power meter directed to measure the power going into the dummy load. Next, connect a VSWR meter on the manual tuner's output (antenna) port, and drive it with a transmitter (low power is recommended). While transmitting, adjust the manual tuner to produce the mismatch you desire: 2:1, 3:1, etc. If you have an antenna analyzer, you can adjust to a specific complex impedance. After adjusting to the VSWR mismatch you want, connect the manual tuner output (antenna) port to the output (antenna) port of the tuner you wish to evaluate (such as your AT-1000). Connect a power meter to the input (transmitter) port of the tuner under test, and the transmitter to the power meter. Transmit and adjust the VSWR with the tuner under test (automatically for your AT-1000). When the VSWR at the transmitter is low, measure the power going into the tuner under test, and the power going into the dummy load from the second tuner. The ratio of these two powers is the efficiency of the tuner (both tuners combined, although I used a 1.5KW manual tuner so it should have been more efficient than the 100W automatic tuner I was testing).
> > >
> > > Hope this helps!
> > >
> > > 73,
> > > Avery, WB4RTP
> > >
> >

>

5953. AT-600ProII power metering protocol

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-02-14 19:22:06 UTC
From: Stewart Bryant
Topic: 5953 Message: 5953

I am trying to work out if I can get access to fwd/rev
power from the AT-600ProII for my remote station operation.

Given that the meter skt provide an serial interface, it
seems plausible that the meter is actually receiving
digital signals from the tuner rather than analogue
signals. I assume the meter asks for a parameter
such as power, gets a value back and set the analogue
display accordingly.

So that begs the question of whether I am correct in
my deduction of how the meter works and if so whether
the power protocol (as opposed to the tuner control
protocol) is available.

I would be prepared to sign an NDA if required since
this is only for personal use.

73

Stewart/G3YSX

5954. Is there a reset proceedure or a basic start for an LDG at-11mp tuner.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-02-15 04:25:16 UTC
From: Dean Smart
Topic: 5954 Message: 5954

I traded some equipment and got this at-11mp in the deal i was so excited. I have a un-tuned antenna; it has a 35' Ladder line with 45 long wire each side and no balin. SO I fired it up to see how it would do. it clicked made lots of noise and i thought the chatter was bad so i turned it off. thinking i made a making a mistake. then read it was noisy. but now it wont do a thing. I opened it up and nothing is burned. so i thought i would just need to have the memory reset because of the new location.

I know this is somewhat vague. Are was this a discontinued for a reason.
If you don't mind give me some steps to walk though. The manual dosent say what to do when things don't work....well that's not true they do say call the company. They must never have problems.... :)
I heard good things and want to keep it if it works.
Thanks
Dean
KB7ANL

5955. Re: [LDG-auto-tuners] Is there a reset proceedure or a basic start for an LDG at-11mp tuner.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-02-15 16:15:20 UTC
From: Jim Lynch
Topic: 5954 Message: 5955

They make a lot of racket. Turn your power down to 5-10 watts and let
it tune. If after a minute or two it doesn't find a match, it probably
isn't going to. Be sure to monitor with an SWR bridge between the radio
and the tuner. If it doesn't tune, you might have better luck with a
balun between the tuner and the antenna. I'd try a 4:1.

Jim.
On 02/14/2013 11:25 PM, Dean Smart wrote:
> I traded some equipment and got this at-11mp in the deal i was so excited. I have a un-tuned antenna; it has a 35' Ladder line with 45 long wire each side and no balin. SO I fired it up to see how it would do. it clicked made lots of noise and i thought the chatter was bad so i turned it off. thinking i made a making a mistake. then read it was noisy. but now it wont do a thing. I opened it up and nothing is burned. so i thought i would just need to have the memory reset because of the new location.
>
> I know this is somewhat vague. Are was this a discontinued for a reason.
> If you don't mind give me some steps to walk though. The manual dosent say what to do when things don't work....well that's not true they do say call the company. They must never have problems.... :)
> I heard good things and want to keep it if it works.
> Thanks
> Dean
> KB7ANL
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

5956. Re: Is there a reset proceedure or a basic start for an LDG at-11mp tuner.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-02-15 19:16:06 UTC
From: Dean Smart
Topic: 5954 Message: 5956

Thanks for the reply.

Yes they do make the racket. totally had me jump out of the seat to see what i did wrong. With your suggestion I will turn it down and do the 5 watts again but my point is nothing what so ever is going on..... Not even a gental click.....
Thats why I asked the reset question.

IT just site there Like it is confused.... :)

Anyway Reset Yes or no will be my first question.

Or if somebody has a step by step.
thanks Again
Dean

--- In LDG-auto-tuners@yahoogroups.com, Jim Lynch <k4gvo@...> wrote:
>
> They make a lot of racket. Turn your power down to 5-10 watts and let
> it tune. If after a minute or two it doesn't find a match, it probably
> isn't going to. Be sure to monitor with an SWR bridge between the radio
> and the tuner. If it doesn't tune, you might have better luck with a
> balun between the tuner and the antenna. I'd try a 4:1.
>
> Jim.
> On 02/14/2013 11:25 PM, Dean Smart wrote:
> > I traded some equipment and got this at-11mp in the deal i was so excited. I have a un-tuned antenna; it has a 35' Ladder line with 45 long wire each side and no balin. SO I fired it up to see how it would do. it clicked made lots of noise and i thought the chatter was bad so i turned it off. thinking i made a making a mistake. then read it was noisy. but now it wont do a thing. I opened it up and nothing is burned. so i thought i would just need to have the memory reset because of the new location.
> >
> > I know this is somewhat vague. Are was this a discontinued for a reason.
> > If you don't mind give me some steps to walk though. The manual dosent say what to do when things don't work....well that's not true they do say call the company. They must never have problems.... :)
> > I heard good things and want to keep it if it works.
> > Thanks
> > Dean
> > KB7ANL
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links

> >
> >
> >
> >
>

5957. Re: [LDG-auto-tuners] Re: Is there a reset proceedure or a basic start for an LDG at-11mp tuner.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-02-15 20:52:37 UTC
From: Jim Lynch
Topic: 5954 Message: 5957

On 02/15/2013 02:16 PM, Dean Smart wrote:
> Thanks for the reply.
>
> Yes they do make the racket. totally had me jump out of the seat to see what i did wrong.
> With your suggestion I will turn it down and do the 5 watts again but my point is nothing what so ever is going on..... Not even a gental click.....
> Thats why I asked the reset question.
>
> IT just site there Like it is confused....:)
>
> Anyway Reset Yes or no will be my first question.
>
> Or if somebody has a step by step.
> thanks Again
> Dean

Sometimes I've had mine stop working. I've had to remove the power by disconnecting the power plug. Since you've had it open, I assume you've already tried that. You have the switch in the auto position, have the transceiver in am or cw and you have output showing on the swr bridge and the swr >2:1? It should be tuning at that point. You might try to work the cap and/or ind up and down and see if they are doing anything. Other than power/reset I can't help.

Jim.

5958. Re: [LDG-auto-tuners] Re: Is there a reset proceedure or a basic start for an LDG at-11mp tuner.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-02-15 20:58:10 UTC
From: VE6LB
Topic: 5954 Message: 5958

I assume you followed the Reset process in the manual.

Gerry VE6LB

From: Jim Lynch
Sent: Friday, February 15, 2013 1:52 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] Re: Is there a reset proceedure or a basic start for an LDG at-11mp tuner.

On 02/15/2013 02:16 PM, Dean Smart wrote:
> Thanks for the reply.
>
> Yes they do make the racket. totally had me jump out of the seat to see what i did wrong.
> With your suggestion I will turn it down and do the 5 watts again but my point is nothing what so ever is going on..... Not even a gental click.....
> Thats why I asked the reset question.
>
> IT just site there Like it is confused....:)
>
> Anyway Reset Yes or no will be my first question.
>
> Or if somebody has a step by step.
> thanks Again
> Dean

Sometimes I've had mine stop working. I've had to remove the power by disconnecting the power plug. Since you've had it open, I assume you've already tried that. You have the switch in the auto position, have the transceiver in am or cw and you have output showing on the swr bridge and the swr >2:1? It should be tuning at that point. You might try to work the cap and/or ind up and down and see if they are doing anything. Other than power/reset I can't help.

Jim.

[Non-text portions of this message have been removed]

5959. Re: Is there a reset proceedure or a basic start for an LDG at-11mp tuner.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-02-17 00:35:54 UTC
From: w9djf
Topic: 5954 Message: 5959

I have one made for icoms. I tried to tune a antenna unaware it had short. After that it quit working, only thing it would do was red lite would stay on nothing else. I had to call LDG and get a new IC CHIP. After checking things out. That is what I came up with. Thay gave me one for free thankfully. That maybe yoir problem. there is no rest for these tuners. You will have to replace the IC CHIP. When replaceing IC put the new one in, in the same direction. There is a dimple in the corner of the chip. Hope this helps.

5960. Interface to Alinco DX-SR8

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-02-17 17:28:16 UTC
From: W3FIS
Topic: 5960 Message: 5960

Has anyone interfaced the LDG Z-100 Plus to the Alinco DX-SR8?? Other than the usual "manual" tune with the LDG.

73 /paul W3FIS

5961. Re: at 897 weakness

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-02-17 21:50:07 UTC
From: W3FIS
Topic: 5845 Message: 5961

--- In LDG-auto-tuners@yahoogroups.com, "john" <john@...> wrote:
>
> not a megger big problem but i will be changing the single hole mount rf sockets on my at897 to the 4 hole mount type the damm things keep getting loose
>

Have you tried something like LocTite??

/paul W3FIS

5962. Re: Is there a reset proceedure or a basic start for an LDG at-11mp tuner.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-02-18 15:24:20 UTC
From: Dean Smart
Topic: 5954 Message: 5962

Thanks for your reply's
Nothing in the manual has any mention to a reset procedure = done
Power removed = Done
Manually switching caps up and down I would go up and down to where it would stop clicking then take it all the way back = Done
So it does manually click when I go up and down has a limit both ways = done
CW or FM transmission = I don't have the right CW plug for my transceiver so I will do this test after I get the plug. If its that simple I'm embarrassed. So that's why I asked. I know in all the excitement of new setups I overlook some obvious steps. New radio I don't even know if I was transmitting the needle barely moved.
So this would make since it did have enough power to tune.

Then as suggested I will call LDG for chip chasing.....

Thanks Again.
Dean
KB7ANL

--- In LDG-auto-tuners@yahoogroups.com, "w9djf" <kc9eke@...> wrote:
>
> I have one made for icoms. I tried to tune a antenna unaware it had short. After that it quit working, only thing it would do was red lite would stay on nothing else. I had to call LDG and get a new IC CHIP. After checking things out. That is what I came up with. Thay gave me one for free thankfully. That maybe yoir problem. there is no rest for these tuners. You will have to replace the IC CHIP. When replaceing IC put the new one in, in the same direction. There is a dimple in the corner of the chip. Hope this helps.
>

5963. Re: What does the radio interface actually do?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-02-19 13:19:31 UTC
From: Stewart
Topic: 5884 Message: 5963

Was there ever an answer on this? I asked the same question recently
and saw nothing back.

Stewart/G3YSX

--- In LDG-auto-tuners@yahoogroups.com, "systormalong" <systormalong@...> wrote:
>
> Thank you Dwayne - the references you provided give me what I need.
> Reading over the "Meter Protocol Document" makes me think that with the
> right commands I could also extract the meter info. Are you willing
> to release that info?
>
> Thanks 73,
>
> Brian
> K8BMW
>
>
> --- In LDG-auto-tuners@yahoogroups.com, "Dwayne" wrote:
> >
> > Try "Tuner Interface Info" here:
> > http://www.ldgelectronics.com/c/269/tech%20support-warranty
> >
> > -or-
> >
> > "Meter Protocol Document" here:
> > http://www.ldgelectronics.com/c/261/product-manuals
> >
> > Dwayne Kincaid
> >
> >
> > --- In LDG-auto-tuners@yahoogroups.com, "systormalong" wrote:
> > >
> > > I have an AT-1000 proII and a Kenwood transceiver. I know that the
> > interface does not work with Kenwoods. I also have an Arduino
> > communicating with the Kenwood.
> > >
> > > If that interface provides a signal to begin autotune and maintains
> > that signal until tuning is complete I could use it. I would have the
> > Arduino change the mode on the Kenwood to CW, disable linear keying,
> > transmit until the tuning cycle ends and then change the mode back to
> > it's former setting. That would be very cool.
> > >
> > > 73,
> > >

> > > Brian
> > > K8BMW
> > >
> >
>

5964. Interfacing IT-100 (Icom specific tuner) with a Yaesu FT-857D txvr?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-02-18 21:01:24 UTC
From: geoffro316
Topic: 5964 Message: 5964

I have an Icom IC7000 and IT100 LDG tuner setup at my home QTH running on an end fed long wire but I want to try and find an interface lead to connect the IT100 to the mobile rig in my car which is a Yaesu FT857D.

I mainly use 40m on my 857D in my car and have an Opek HVT400B multiband tapped antenna which I leave permanently tuned to 40m. I did a bit of an experiment last night where I connected up the Icom IC7000 and IT100 tuner in my car to see how the Opek HVT100B antenna would go being set for 40m but being tuned to other bands with the tuner (I drive 2 1/2 hours to and from work everyday and spend most of my on air radio time during my drive - drive on the M1 Motorway between Brisbane and Gold Coast Australia so I just set the cruise control for 110kph, aim the car straight up the motorway and settle in).

I was initially looking at a screwdriver type antenna but the ATAS120 seems to be a little untrustworthy from what I've read, the Diamond SD needs to be "fiddled" with too much to tune (have to key the PTT and the tune buttons at same time - remember I'm driving my car here) and the Codan type auto tuning antennas are huge (I drive a Holden Commodore sedan and would have to trunk mount the antenna as I don't have a tow ball). Also, due to budget constraints I've come up with an alternate option of running an auto tuner inside the car. I know it's a massive compromise, but I only have about $300AU to spare on my mobile auto tune solution at the moment!

When I tried my IC7000 and IT100 tuner in the car last night I was quite happy with the tuning results! I couldn't get the HVT100 antenna to tune down past 6500.0 kHz which means I won't have 80m :(however it "appeared" ok on everything else from 6500.0khz up to 29000.0khz. I also tried moving the "wander lead" and adjusting the antenna for various other frequencies before re--tuning again and the 40m setup seemed to work the best. My only negative find was that I couldn't tx more than 30w, even on the 40m band which the antenna itself was tuned to with the IT-100 tuner connected! The rig would tx 100w without the tuner connected on 40m, but not with it? It was raining heavily at the time so maybe that put the SWR way out or it was drawing too much current (I wouldn't think the tuner would draw that much extra - vehicle motor turned off)??? Obviously the antenna will have some degree of deafness as its a massive compromise to what I should really be doing (pulling over, changing the antenna "wander lead" to the next band and driving off again) but on the Motorway I don't really have that option plus, I flick through the bands on the fly anyway.

QUESTION 1
Is the LDG IT-100 tuner suitable to mount in a vehicle (road vibration, some minor dust perhaps)?

QUESTION 2
Can I buy an adapter to connect the LDG IT-100 (wired up for Icom) to the dedicated tuner jack on the Yaesu FT-857D? And if so, can I just use the TUNE button on the Yaesu rig as opposed to the button on the tuner (tuner would be mounted under the seat initially for experimental purposes - I realise it should be mounted as close to the antenna as possible so I may be able to relocate the radio body into the trunk along with the tuner and shorten

the coax down to about 500mm to 1000mm as it will be)

QUESTION 3
If the IT-100 tuner is successful for my project, I'd eventually purchase an LDG tuner dedicated to the Yaesu FT857D. Are the Yaesu LDG tuners suitable for vehicle mounting?

QUESTION 4
If this sounds like it won't work for me, does anyone have any other cheap options to operate mobile multiband and without stopping? As I've mentioned, cash is a problem plus I can only boot mount an antenna so can't use anything too big or heavy (my HVT400B is very light, and 1700mm tall and have had that mounted successfully for about 8 months or so).

ANY ideas or suggestions are most definitely welcome!

73's, Geoffro VK, Gold Coast Australia

5965. Re: What does the radio interface actually do?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-02-19 15:59:37 UTC
From: Dwayne
Topic: 5884 Message: 5965

Stewart,

Some of that conversation took place off the group.

We haven't and probably won't release any more info other that what is published in the document. Of course, you are free to examine the data in real-time and figure it out.

Basically, it's raw buffered data from the forward and reverse power sensors. There is really not much you can do with it.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "Stewart" <stewart@...> wrote:
>
>
> Was there ever an answer on this? I asked the same question recently
> and saw nothing back.
>
> Stewart/G3YSX
>
> --- In LDG-auto-tuners@yahoogroups.com, "systormalong" <systormalong@> wrote:
> >
> > Thank you Dwayne - the references you provided give me what I need.ï¿½
> > Reading over the "Meter Protocol Document" makes me think that with the
> > right commands I could also extract the meter info.ï¿½ï¿½ Are you willing
> > to release that info?
> >
> > Thanksï¿½ 73,
> >
> > Brian
> > K8BMW
> >
> >
> > --- In LDG-auto-tuners@yahoogroups.com, "Dwayne" wrote:
> > >
> > > Try "Tuner Interface Info" here:
> > > http://www.ldgelectronics.com/c/269/tech%20support-warranty
> > >
> > > -or-
> > >
> > > "Meter Protocol Document" here:
> > > http://www.ldgelectronics.com/c/261/product-manuals
> > >
> > > Dwayne Kincaid
> > >

> > >

5966. Re: Is there a reset proceedure or a basic start for an LDG at-11mp tuner.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-02-19 16:04:15 UTC
From: Dwayne
Topic: 5954 Message: 5966

Dean,

Pretty much none of the LDG tuners have a "master reset". There are very few variables stored that the user has access to that there really is no need for it.

If the processor "gets lost", then pulling the DC from the back is the only reset. If you get frequent lock ups, then you most likely have an RF issue getting into the ground system.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "Dean Smart" <kb7anl@...> wrote:
>
>
> Thanks for your reply's
> Nothing in the manual has any mention to a reset procedure = done
> Power removed = Done
> Manually switching caps up and down I would go up and down to where it would stop clicking then take it all the way back = Done
> So it does manually click when I go up and down has a limit both ways = done
> CW or FM transmission = I don't have the right CW plug for my transceiver so I will do this test after I get the plug. If its that simple I'm embarrassed. So that's why I asked. I know in all the excitement of new setups I overlook some obvious steps. New radio I don't even know if I was transmitting the needle barely moved.
> So this would make since it did have enough power to tune.
>
> Then as suggested I will call LDG for chip chasing.....
>
> Thanks Again.
> Dean
> KB7ANL
>
>
>
> --- In LDG-auto-tuners@yahoogroups.com, "w9djf" <kc9eke@> wrote:
> >
> > I have one made for icoms. I tried to tune a antenna unaware it had short. After that it quit working, only thing it would do was red lite would stay on nothing else. I had to call LDG and get a new IC CHIP. After checking things out. That is what I came up with. Thay gave me one for free thankfully. That maybe yoir problem. there is no rest for these tuners. You will have to replace the IC CHIP. When replaceing IC put the new one in, in the same direction. There is a dimple in the corner of the chip. Hope this helps.
> >
>

5967. Re: Interface to Alinco DX-SR8

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-02-19 16:18:45 UTC
From: Dwayne
Topic: 5960 Message: 5967

Paul,

The SR8T has a different protocol than the other Alinco radios. So there are no current LDG tuners that will interface to it.

This is somewhat noted on our Alinco interface cable page:
http://www.ldgelectronics.com/c/252/products/19/54/1

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "W3FIS" <deadgoose@...> wrote:
>
> Has anyone interfaced the LDG Z-100 Plus to the Alinco DX-SR8?? Other than the usual "manual" tune with the LDG.
>
> 73 /paul W3FIS
>

5968. Re: LDG Z100 won't tune

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-02-19 17:44:57 UTC
From: jim
Topic: 196 Message: 5968

Hi,
I have a sgc 230 tuner which works very well with my 9 foot whip on the Jeep.......
Thought i wouLd try my LDG Z11 PRO in the Jeep as well......
Very short coax from tuner to whip base it works well on 5 megs/7 megs/14 megs and 28 megs...not tried it on 3.5 yet
jim g4rek
--- In LDG-auto-tuners@yahoogroups.com, "horst_vk2hl" <hhl@...> wrote:
>
> Hi Mike,
>
> The fact that you can create a match, or what you think is a match,
> does not necessarily mean that maximum power is coupled into the
> antenna.
>
> There are complex and widely varying impedances at the base of a non-
> resonant whip, that is why I suggested that the Z100 (or Z11) may not
> be the most suitable for that task, and I still stand by that.
>
> Having said that, I regularly use an Alinco EDX-2 and SGC230, and
> while they perform well, there are still problems at certain
> frequencies that can only be overcome by lenghtening or shortening
> the antenna.
>
> It is almost impossible to find an antenna length that allows the
> coupler to find a good match on every band.
>
> You may also check that when you manually match with your Z11, there
> is a corresponding peak in radiated field strength. This may well be
> NOT the case.
>
> A simple swr bridge does not tell the full story.
>
>
> Cheers
> Horst
>
>
> --- In LDG-auto-tuners@yahoogroups.com, "Mike Richter"
> <electroc@b...> wrote:
> > It's interesting that both replies to my query missed the part of
> my
> > post that makes it clear that the simplae L-C Tuner can actually
> > match my aerial and mounting arrangement (thankfully the Z11 had a
> > manual tuning option).
> >

> > The problem is that the Autotuning process doesn't detect the sharp
> > null.
> >
> > My current theory is that the Tuners SWR Bridge is not detecting
> the
> > sharp null and so is skipping over it. On the weekend I will have a
> > go at optimising the Z11's SWR Bridge while using this particular
> > problematic antenna arrangement.
> >
> > Mike VK2BMM
> >
> > >
> > > The main problem is it won't autotune, except on very few
> > > frequencies. If I substitute my Z-11 it also has the same problem
> > > with autotuning.
> > >
> > > But if I manually tune the Z-11 it will bring the SWR down to 1.5
> > > or less on most of the frequencies.
> > >
>

5969. Re: [LDG-auto-tuners] Interfacing IT-100 (Icom specific tuner) with a Yaesu FT-857D txvr?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-02-19 18:46:20 UTC
From: G8UVE
Topic: 5964 Message: 5969

Ask this question on the LDG group

Dwayne will sure to answer it

Regards

David (UVE)
----- Original Message -----
From: "geoffro316" <521468@...>
To: <LDG-auto-tuners@yahoogroups.com>
Sent: Monday, February 18, 2013 9:01 PM
Subject: [LDG-auto-tuners] Interfacing IT-100 (Icom specific tuner) with a Yaesu FT-857D txvr?

>I have an Icom IC7000 and IT100 LDG tuner setup at my home QTH running on
>an end fed long wire but I want to try and find an interface lead to
>connect the IT100 to the mobile rig in my car which is a Yaesu FT857D.
>
> I mainly use 40m on my 857D in my car and have an Opek HVT400B multiband
> tapped antenna which I leave permanently tuned to 40m. I did a bit of an
> experiment last night where I connected up the Icom IC7000 and IT100 tuner
> in my car to see how the Opek HVT100B antenna would go being set for 40m
> but being tuned to other bands with the tuner (I drive 2 1/2 hours to and
> from work everyday and spend most of my on air radio time during my
> drive - drive on the M1 Motorway between Brisbane and Gold Coast Australia
> so I just set the cruise control for 110kph, aim the car straight up the
> motorway and settle in).
>
> I was initially looking at a screwdriver type antenna but the ATAS120
> seems to be a little untrustworthy from what I've read, the Diamond SD
> needs to be "fiddled" with too much to tune (have to key the PTT and the
> tune buttons at same time - remember I'm driving my car here) and the
> Codan type auto tuning antennas are huge (I drive a Holden Commodore sedan
> and would have to trunk mount the antenna as I don't have a tow ball).
> Also, due to budget constraints I've come up with an alternate option of
> running an auto tuner inside the car. I know it's a massive compromise,
> but I only have about $300AU to spare on my mobile auto tune solution at
> the moment!
>
> When I tried my IC7000 and IT100 tuner in the car last night I was quite
> happy with the tuning results! I couldn't get the HVT100 antenna to tune
> down past 6500.0 kHz which means I won't have 80m :(however it "appeared"
> ok on everything else from 6500.0khz up to 29000.0khz. I also tried moving
> the "wander lead" and adjusting the antenna for various other frequencies
> before re--tuning again and the 40m setup seemed to work the best. My only

> negative find was that I couldn't tx more than 30w, even on the 40m band
> which the antenna itself was tuned to with the IT-100 tuner connected! The
> rig would tx 100w without the tuner connected on 40m, but not with it? It
> was raining heavily at the time so maybe that put the SWR way out or it
> was drawing too much current (I wouldn't think the tuner would draw that
> much extra - vehicle motor turned off)??? Obviously the antenna will have
> some degree of deafness as its a massive compromise to what I should
> really be doing (pulling over, changing the antenna "wander lead" to the
> next band and driving off again) but on the Motorway I don't really have
> that option plus, I flick through the bands on the fly anyway.
>
> QUESTION 1
> Is the LDG IT-100 tuner suitable to mount in a vehicle (road vibration,
> some minor dust perhaps)?
>
> QUESTION 2
> Can I buy an adapter to connect the LDG IT-100 (wired up for Icom) to the
> dedicated tuner jack on the Yaesu FT-857D? And if so, can I just use the
> TUNE button on the Yaesu rig as opposed to the button on the tuner (tuner
> would be mounted under the seat initially for experimental purposes - I
> realise it should be mounted as close to the antenna as possible so I may
> be able to relocate the radio body into the trunk along with the tuner and
> shorten the coax down to about 500mm to 1000mm as it will be)
>
> QUESTION 3
> If the IT-100 tuner is successful for my project, I'd eventually purchase
> an LDG tuner dedicated to the Yaesu FT857D. Are the Yaesu LDG tuners
> suitable for vehicle mounting?
>
> QUESTION 4
> If this sounds like it won't work for me, does anyone have any other cheap
> options to operate mobile multiband and without stopping? As I've
> mentioned, cash is a problem plus I can only boot mount an antenna so
> can't use anything too big or heavy (my HVT400B is very light, and 1700mm
> tall and have had that mounted successfully for about 8 months or so).
>
> ANY ideas or suggestions are most definitely welcome!
>
> 73's, Geoffro VK, Gold Coast Australia
>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

5970. Lock ups and other weirdness.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-02-20 02:43:36 UTC
From: Furliips Stardust
Topic: 5964 Message: 5970

I have an LDG Z11 Pro II tuner.

I'm using a 102' doublet antenna fed with 40' of 450 Ohm line.
With an Icom IC-761 transceiver and Kenwood SM-220 station monitor.
My ham shack is on the second floor 25' away from a "real" ground.

That being said, I've been changing things here and there over the past year to get things to work smoothly and reliably.

1. A section of 3/4" copper water pipe the the rear and right side of the station with all the equipment bonded to a common ground.
2. #4 AWG wire from that to the base of the tower and the tower grounding rod.
3. Ferrite cores on the USB mouse and USB speaker leads to the PC.
On Xmit, the mouse would freeze and recover a few times before totally locking up. And I would get hum in the speakers.
4. Using a 9:1 choke balun instead of the 4:1 balun between the tuner and the feed line.
Getting rid of the built in 2.25:1 SWR from using the incorrect Balun makes the tuner's job easier.
5. Running the LDG tuner off of a "hard" 12 volt supply (An Astron 30 Amp).

Having done all this, I've managed to get the system to work very smoothly and reliably.
Until a month ago. Suddenly the Z11 Pro II would decide in the middle of a PSK contact to go through the entire tuning sequence again.
Head scratch, "That's odd, now what?"
Review things and ask myself, "What changed?"

Oh, I added a very nice HP All in one printer/scanner, copier/fax to the shack computer. On a 6' USB cable.
Was the Printer, USB cable and printer power supply cable acting like a floating counterpoise? Perhaps, but it was definitely a problem.
Adding a snap-around ferrite core to the USB cable at the PC end solved the problem and the system is back to it's smooth reliable self again.

So, the bottom line, is stray RF getting coupled into things and via some of the least expected places will cause some truly odd results.

Jeff-1.0
wa6fwi

[Non-text portions of this message have been removed]

5971. Re: [LDG-auto-tuners] Lock ups and other weirdness.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-02-20 04:18:43 UTC
From: Bill Aycock
Topic: 5964 Message: 5971

Jeff--
You gave a lot of data, but you missed one very important item: the frequency.
Also, for my curiosity; Why 102'? That isn't resonant in any Ham band, is it? I know that's the length of a G5RV, but the rest doesn't match
Bill--W4BSG

-----Original Message-----
From: Furliips Stardust
Sent: Tuesday, February 19, 2013 8:43 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Lock ups and other weirdness.

I have an LDG Z11 Pro II tuner.

I'm using a 102' doublet antenna fed with 40' of 450 Ohm line.
With an Icom IC-761 transceiver and Kenwood SM-220 station monitor.
My ham shack is on the second floor 25' away from a "real" ground.

That being said, I've been changing things here and there over the past year to get things to work smoothly and reliably.

1. A section of 3/4" copper water pipe the the rear and right side of the station with all the equipment bonded to a common ground.
2. #4 AWG wire from that to the base of the tower and the tower grounding rod.
3. Ferrite cores on the USB mouse and USB speaker leads to the PC.
On Xmit, the mouse would freeze and recover a few times before totally locking up. And I would get hum in the speakers.
4. Using a 9:1 choke balun instead of the 4:1 balun between the tuner and the feed line.
Getting rid of the built in 2.25:1 SWR from using the incorrect Balun makes the tuner's job easier.
5. Running the LDG tuner off of a "hard" 12 volt supply (An Astron 30 Amp).

Having done all this, I've managed to get the system to work very smoothly and reliably.
Until a month ago. Suddenly the Z11 Pro II would decide in the middle of a PSK contact to go through the entire tuning sequence again.
Head scratch, "That's odd, now what?"
Review things and ask myself, "What changed?"

Oh, I added a very nice HP All in one printer/scanner, copier/fax to the shack computer. On a 6' USB cable.
Was the Printer, USB cable and printer power supply cable acting like a floating counterpoise? Perhaps, but it was definitely a problem.
Adding a snap-around ferrite core to the USB cable at the PC end solved the

problem and the system is back to it's smooth reliable self again.

So, the bottom line, is stray RF getting coupled into things and via some of the least expected places will cause some truly odd results.

Jeff-1.0
wa6fwi

[Non-text portions of this message have been removed]

Yahoo! Groups Links

5972. Re: [LDG-auto-tuners] Lock ups and other weirdness.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-02-20 16:56:13 UTC
From: Furliips Stardust
Topic: 5964 Message: 5972

Jeff--
You gave a lot of data, but you missed one very important item: the frequency.
Also, for my curiosity; Why 102'? That isn't resonant in any Ham band, is it? I know that's the length of a G5RV, but the rest doesn't match
Bill--W4BSG
It's called a non-resonant doublet. It was quite popular back in the '30s up through the '50s.
The problem with the G5RV antenna is the claim that it doesn't need a tuner and the 40' section of balanced feedline is terminated directly to a piece of 50 ohm coax.
The 102' doublet length and 40' feedline are actually an optimum value. WITH a tuner, the antenna WILL tune up nicely and radiate on 80-10 meters.
Shorting the feed line, and inserting about 65 uH of inductance with it, the antenna will also tune up on 160 meters and acts like a top loaded vertical.
Case in point, working RA3DA in a pile up, from Central TX, competing against a bunch of East Coast stations running a LOT of power into beam antennas, I didn't get him on the first try, but I did get through and got a 57 signal report running 100 watts.

Jeff-1.0
wa6fwi

[Non-text portions of this message have been removed]

5973. Re: [LDG-auto-tuners] Lock ups and other weirdness.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-02-20 21:13:37 UTC
From: Bill Aycock
Topic: 5964 Message: 5973

Jeff--
Thanks. I do know about doublets, dipoles, and the "Real" G5RV, as well as some snippets of other antenna lore. However, I am curious about the use of the word "Optimum". In Engineering studies, this implies evaluation with regard to some defined criteria. Can you clarify and tell me also where this evaluation can be found?
Thanks-- Bill--W4BSG

-----Original Message-----
From: Furliips Stardust
Sent: Wednesday, February 20, 2013 10:56 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] Lock ups and other weirdness.

Jeff--
You gave a lot of data, but you missed one very important item: the frequency.
Also, for my curiosity; Why 102'? That isn't resonant in any Ham band, is it? I know that's the length of a G5RV, but the rest doesn't match
Bill--W4BSG
It's called a non-resonant doublet. It was quite popular back in the '30s up through the '50s.
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Case in point, working RA3DA in a pile up, from Central TX, competing against a bunch of East Coast stations running a LOT of power into beam antennas, I didn't get him on the first try, but I did get through and got a 57 signal report running 100 watts.

Jeff-1.0
wa6fwi

[Non-text portions of this message have been removed]

Yahoo! Groups Links

5974. Re: [LDG-auto-tuners] Lock ups and other weirdness.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-02-20 21:42:54 UTC
From: Hank Greeb
Topic: 5964 Message: 5974

Bill:

WE here in the former colonies and the territories we stolefrom the original inhabitants by force of arms, use the Queen's Englyshe very loosely.

"Optimum" in this context means a serendipitous choice of feedline and dipole lengthwhich results inthe impedance matching device being presented with something which is easily transformed to 50 + j0 Ohms impedance sothat the transmitter can deliver poweron the bands of 80 through 10 meters.

Thisis not a "Singular Point" - other choices can result in similar results, and, to someextent,it is an oxymoron because withsuitable impedance matching parameters, practically any impedance canbe transformed to 50 + j0.

We'uns is amateurs after all. Only a few of us are Engineers, and even fewer of us hold Electrical Engineering Degrees with specialization in Radio Frequency Applications.

I'm sure there are several learned discussion of a 102' dipole on L. B. Cebik's (W4RNL SK) site: http://www.cebik.com

I'll leave itto the student to find theexactlocation or locations within that site.

72/73 de n8xx Hg
QRP >99.44% ofthe time
Professional Engineer (Ohio), ChemicalEngineeringSpecialty

On 2/20/2013 4:13 PM, Bill Aycock wrote:
> Jeff--
> <snip>
> However, I am curious about the use of the word "Optimum". In Engineering studies, this implies evaluation with regard to some defined criteria. Can you clarify and tell me also where this evaluation can be found?
> <snip>

[Non-text portions of this message have been removed]

5975. Re: [LDG-auto-tuners] Lock ups and other weirdness.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-02-20 22:14:35 UTC
From: Hank Greeb
Topic: 5964 Message: 5975

Bill:

Let me try once more. My mailer did a number of spacing of the words, mashing some of them together. The original had all the spaces, but after sending the message, it definitely got garbled.
==========
We here in the former colonies and the territories we stole from the original inhabitants by force of arms, use the Queen's Englyshe very loosely.

"Optimum" in this context means a serendipitous choice of feedline and dipole length which results in the impedance matching device being presented with something which is easily transformed to 50 + j0 Ohms impedance so that the transmitter can deliver power on the bands of 80 through 10 meters.

This is not a "Singular Point" - other choices can result in similar results, and, to some extent, it is an oxymoron because with suitable impedance matching parameters, practically any impedance can be transformed to 50 + j0.

We'uns is amateurs after all. Only a few of us are Engineers, and even fewer of us hold Electrical Engineering Degrees with specialization in Radio Frequency Applications.

I'm sure there are several learned discussion of a 102' dipole on L. B. Cebik's (W4RNL SK) site: http://www.cebik.com

I'll leave it to the student to find the exact location or locations within that site

72/73 de n8xx Hg
QRP >99.44% ofthe time
Professional Engineer (Ohio), Chemical Engineering Specialty

On 2/20/2013 4:13 PM, Bill Aycock wrote:
> Jeff--
> <snip>
> However, I am curious about the use of the word "Optimum". In Engineering studies, this implies evaluation with regard to some defined criteria. Can you clarify and tell me also where this evaluation can be found?
> <snip>

5976. Re: [LDG-auto-tuners] Lock ups and other weirdness.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-02-22 02:47:10 UTC
From: Furliips Stardust
Topic: 5964 Message: 5976

From a 1938 ARRL handbook:

The lengths given for non-resonant dipoles fed with open wire line are basically:
For 80 meters and up
1/2 wave length fed with 1/4 wavelength.
I.e.: 137' doublet with 65' of feed line
And for the "shortened" version:
3/8 wave length fed with 1/8 wavelength.
1.1: 102' doublet with 40' of feed line.
Note that the shortened version, the doublet length + the feed line length = 1/2 wavelength.
You can cut the numbers in half and use them on 40 meters and up.
Add a 1/2 wavelength (65') of feed line, 85' overall feed line length, since 20' is a bit short.

Now of course, "back in the day" transmitters were push-pull and link coupled, the antenna tuners tended to be balanced to begin with, so "the proper balun" wasn't so much of an issue.

Jeff-1.0
wa6fwi

[Non-text portions of this message have been removed]

5977. Re: Lock ups and other weirdness.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-02-22 15:09:02 UTC
From: wa9jst@...
Topic: 5964 Message: 5977

Please clarify your comment

"Add a 1/2 wavelength (65') of feed line, 85' overall feed line length, since 20' is a bit short."

This is the best explanation I have seen for the classic 102 foot doublet.

K5RWP

[Non-text portions of this message have been removed]

5978. Re: [LDG-auto-tuners] Re: Lock ups and other weirdness.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-02-22 20:35:26 UTC
From: Furliips Stardust
Topic: 5964 Message: 5978

The 102' doublet can be scaled down to 51' and will cover 40-10 meters.
The problem is the feed line scales down to 20' and that's kind of short.
So, you add a 1/2 wavelength of feed line, 65' at 40 meters, to lengthen the overall length of the feed line to a usable value.
Being a 1/2 wave length, and multiples there of at higher frequencies, it tends to be transparent to the overall matching of the antenna.

Jeff-1.0
wa6fwi

>From: "wa9jst@..." <wa9jst@...>ess.

Please clarify your comment

"Add a 1/2 wavelength (65') of feed line, 85' overall feed line length, since 20' is a bit short."

This is the best explanation I have seen for the classic 102 foot doublet.

K5RWP

[Non-text portions of this message have been removed]

5979. Re: LDG Z100 won't tune

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-02-23 21:06:05 UTC
From: grosseindienne
Topic: 196 Message: 5979

Mike,

I'm using the LDG Z-100 with the Chameleon Antenna HYBRID-MINI and the Chameleon Antenna EMCOMM II. All of them tune from 6M to 160M easily. Make sure that you cable behind your radio is TOTALLY inserted inside and not just partially.

The HYBRID-MINI can be used portable, mobile and base station while the EMCOMM II can only be used base station and portable.

Chameleon Antenna HYBRID-MINI:
http://chameleonantenna.com/Chameleon%20HYBRID-MINI/Chameleon%20HYBRID-MINI.html
http://www.youtube.com/watch?v=kT-yYF97AGY
http://www.youtube.com/watch?v=ACCZr-WFRmU
http://www.youtube.com/watch?v=0qzAmI0XWgY

Chameleon Antenna EMCOMM II:
http://chameleonantenna.com/CHA%20EMCOMM%20II/CHA%20EMCOMM%20II.html
http://www.ebay.com/itm/170995497303?ssPageName=STRK:MESELX:IT&_trksid=p3984.m1555.l2649

They've a group here: http://groups.yahoo.com/group/ChameleonAntenna/

73
-C

5980. Re: LDG Z100 won't tune

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-02-23 21:08:27 UTC
From: grosseindienne
Topic: 196 Message: 5980

Mike,

one more thing: Make sure to use at least 15' of good quality coax cable. I'm using RG-8X or better. Ground you radio and tuner to earth and avoid having your coax cable to run and create loops randomly on the floor.

-C

5981. S9v31 Old Stock Clearance

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-02-25 03:06:22 UTC
From: Dwayne
Topic: 5981 Message: 5981

Now that spring is around the corner, we're blowing out the 31 foot fiberglass S9v31 old stock antennas for $65 each at www.cheapham.com. These are the old style with the metal screws that hold each section together. They cannot be used with the polymer clamps.

They are also eligible for the Free Balun Rebate directly from LDG. The rebate form is included with the manual when you purchase the antenna. There are only a few left and will not last this long at this price.

Dwayne Kincaid
LDG

5982. KT-100 won't tune, please help!

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-02-25 06:23:46 UTC
From: Avery
Topic: 5982 Message: 5982

My KT-100 won't tune using the AT button on my TS-480SAT. Both were purchased recently. I think I have followed the instructions correctly, and I updated the TS-480 firmware to V106. The KT-100 is connected to ANT 1 jack, and menu #27 is set to At1. But when I press the AT button, nothing happens. When I hold the AT button, after a second the display momentarily flashes "R < AT > T", and the red LED on the KT-100 flashes four times, but no tuning took place. I tried reducing the power to 10W, then transmitting CW while holding the AT button, and the KT-100 does tune just fine (same as when I press the front panel tune button, the red LED comes on while I hear the relays chatter, the red goes out and the green LED comes on). With my antenna, the SWR goes from about 3:1 to about 1.1:1 according to the TS-480SAT display. But, the "AT" area of the TS-480SAT display remains blank, unlike when I use the internal tuner (i.e., I get the "R < AT > T" icon). I got the KT-100 to use as a remote tuner, so I have cut the supplied control/power cable to splice in longer wires, and I have double and triple-checked the wiring for correctness. My question is, what else can I do to get this KT-100 to work "transparently" (i.e., just like the internal tuner)? Please help!

Thanks & 73,
Avery, WB4RTP
Tucson, Arizona

5983. LDG Z11 Pro2 and FT-897D tuning process

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-02-25 09:22:41 UTC
From: pjayuk
Topic: 5983 Message: 5983

Hi All

I have recently purchased an LDG Z11 Pro2 auto atu for use with my Yaesu FT-897D and am getting used to using it. One of the things I have noticed about the tuner is it seems to take a long time to tune some of my non-resonant wire antennas. For example my 40 foot end fed wire took about 6 seconds to tune up on 40 metres, where the internal ATU in my Yaesu 450D tunes it much quicker probably around 2 ☐ 3 seconds. I am concerned therefore that I may damage the output/PA on my radio during the tuning process as the 897 output displays the "high swr" message almost constantly during the tuning cycle. I do turn the power right down to minimum (5 watts) but is it possible to cause damage by using a tuner in this manner?

I realise this is a pretty basic question but I would just like to get some opinions from the group.

Thanks and 73

Paul 2E0PJY

5984. Re: [LDG-auto-tuners] LDG Z11 Pro2 and FT-897D tuning process

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-02-25 12:59:03 UTC
From: Leonard K. Pennock
Topic: 5983 Message: 5984

I wouldn't worry too much about the high SWR indication. That is just
telling you the fold back circuit in the radio is working and is normal
when using an auto tuner. As the tuner tries all the different LC
combinations some will be over the 3:1swr that triggers the indication.
I've ran my 857 for about 10 years with it doing that and I never turn
the power down either.

On 02/25/2013 02:22 AM, pjayuk wrote:
> Hi All
>
> I have recently purchased an LDG Z11 Pro2 auto atu for use with my Yaesu FT-897D and am getting used to using it. One of the things I have noticed about the tuner is it seems to take a long time to tune some of my non-resonant wire antennas. For example my 40 foot end fed wire took about 6 seconds to tune up on 40 metres, where the internal ATU in my Yaesu 450D tunes it much quicker probably around 2 ? 3 seconds. I am concerned therefore that I may damage the output/PA on my radio during the tuning process as the 897 output displays the "high swr" message almost constantly during the tuning cycle. I do turn the power right down to minimum (5 watts) but is it possible to cause damage by using a tuner in this manner?
>
> I realise this is a pretty basic question but I would just like to get some opinions from the group.
>
> Thanks and 73
>
> Paul 2E0PJY
>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

--
Leonard K. Pennock
AD7AS

Those who walk bravely through life, unafraid of loss or failure,
find that they very rarely lose or fail.

5985. Z-817 CAT problems

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-02-27 18:59:48 UTC
From: wildergeek
Topic: 5985 Message: 5985

I recently emailed LDG about my Z-817 tuner not working with my FT-817 radio. They advised me that there wasn't much I could do and that they would check it if I sent it in.

Since that email, I ran a little test and discovered that the tuner actually works fine if I use it manually by switching the radio mode to AM or DIG and keying up when I press the tune button. I also discovered that the Z-817's CAT pass-through works so the CAT problem is not in my radio.

Has anyone else had problems with the CAT functionality in the Z-817 and is there anything I can check inside before sending the unit to LDG for repair?

Yes, I did confirm that the baud rate was set to 38,400 on the radio.

Advice will be greatly appreciated.

5986. Re: Z-817 CAT problems

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-02-27 23:33:11 UTC
From: ki6tsf
Topic: 5985 Message: 5986

Hi

Make sure VFO-A and VFO-B are identical !!! That might not be 100% required but it helps a lot. Long press on VFO A=B button in the quick menu until you hear a beep.

If one of the VFO's is set to FM in the 100 MHz broadcast band for example, tuning recall/full tune cycle will not work. I can repeatedly prove it on a Z-817H and two FT-817's. The symptoms are no tune, no transmit during tune, radio not going to PKT mode, whole cycle takes < 1sec, and red and green LEDs keep flashing in sequence for a while afterwards.

Setting VFO A=B is an easy fix, in case you were in the same situation as I was. It wasn't obvious to find because I rarely (read never) use VFO-B on the FT-817... but it works great.

73 de KI6TSF

--- In LDG-auto-tuners@yahoogroups.com, "wildergeek" <wildergeek@...> wrote:
>
> I recently emailed LDG about my Z-817 tuner not working with my FT-817 radio. They advised me that there wasn't much I could do and that they would check it if I sent it in.
>
> Since that email, I ran a little test and discovered that the tuner actually works fine if I use it manually by switching the radio mode to AM or DIG and keying up when I press the tune button. I also discovered that the Z-817's CAT pass-through works so the CAT problem is not in my radio.
>
> Has anyone else had problems with the CAT functionality in the Z-817 and is there anything I can check inside before sending the unit to LDG for repair?
>
> Yes, I did confirm that the baud rate was set to 38,400 on the radio.
>
> Advice will be greatly appreciated.
>

5987. Is there a reset proceedure or a basic start for an LDG Z-817H tuner?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-02-27 23:23:46 UTC
From: ki6tsf
Topic: 5954 Message: 5987

Hi,

After switching antennas definitively, is it required to ALWAYS
force a full tune cycle for each frequency you will be using, at least
for the next 2000 iterations? (to ensure all the previous settings are overridden).

I assume all settings in memory for the previous antenna might be wrong, and TX after a simple memory recall tune might damage the radio final (esp. with 100% duty cycle digital modes that last minutes).

If one forgets to do a full tune cycle and does a memory recall instead after switching to a new antenna, a wrong match could be fatal for the final. Since there are 2000 settings in memory, chances are high that might happen well before 2000 iterations.

Is the above reasoning correct or did I miss something?

Is there a way to wipe out the memory or to buy a new chip from LDG (+ some spares for later) (Z-817H model)? I guess that would be a perfect solution?

Thanks a lot!

73 de KI6TSF

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
> Dean,
>
> Pretty much none of the LDG tuners have a "master reset". There are very few variables stored that the user has access to that there really is no need for it.
>
> If the processor "gets lost", then pulling the DC from the back is the only reset. If you get frequent lock ups, then you most likely have an RF issue getting into the ground system.
>
> Dwayne Kincaid
> LDG
>
>
>
> --- In LDG-auto-tuners@yahoogroups.com, "Dean Smart" <kb7anl@> wrote:
> >
> >
> > Thanks for your reply's
> > Nothing in the manual has any mention to a reset procedure = done
> > Power removed = Done
> > Manually switching caps up and down I would go up and down to where it would stop clicking then take it all the way back = Done

> > So it does manually click when I go up and down has a limit both ways = done
> > CW or FM transmission = I don't have the right CW plug for my transceiver so I will do this test after I get the plug. If its that simple I'm embarrassed. So that's why I asked. I know in all the excitement of new setups I overlook some obvious steps. New radio I don't even know if I was transmitting the needle barely moved.
> > So this would make since it did have enough power to tune.
> >
> > Then as suggested I will call LDG for chip chasing.....
> >
> > Thanks Again.
> > Dean
> > KB7ANL
> >
> >
> >
> > --- In LDG-auto-tuners@yahoogroups.com, "w9djf" <kc9eke@> wrote:
> > >
> > > I have one made for icoms. I tried to tune a antenna unaware it had short. After that it quit working, only thing it would do was red lite would stay on nothing else. I had to call LDG and get a new IC CHIP. After checking things out. That is what I came up with. Thay gave me one for free thankfully. That maybe yoir problem. there is no rest for these tuners. You will have to replace the IC CHIP. When replaceing IC put the new one in, in the same direction. There is a dimple in the corner of the chip. Hope this helps.
> > >
> >
>

5988. Z11 Pro non-resonant vertical RFI looping

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-02-28 14:35:09 UTC
From: Steve
Topic: 5988 Message: 5988

I recently put up a 24 foot ground mounted vertical with 20 radials (20 ft/radial). I was hoping to use my Z11-Pro at the feed point, but the tuner seems to loop through tuning cycles never settling with a match. When I put the tuner inside, at the radio via 100ft of LMR-400, the tuner works fine. Can the Z11-Pro be used to base feed a vertical?

Thanks
-Steve AB5ID

5989. RE: [LDG-auto-tuners] Z11 Pro non-resonant vertical RFI looping

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-02-28 21:49:58 UTC
From: Stephen Finch
Topic: 5988 Message: 5989

There may be too much RF on the braid of the coax and/or hitting the tuner. It messes up the tuning circuits and the tuner keeps recycling. I had the same problem until I put a choke on the feed line.

Steve

Steve Finch
AIØW
Technical Coordinator - North Florida Section
Homosassa Springs, FL
ai0w@...

From: LDG-auto-tuners@yahoogroups.com
[mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Steve
Sent: Thursday, February 28, 2013 9:35 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Z11 Pro non-resonant vertical RFI looping

I recently put up a 24 foot ground mounted vertical with 20 radials (20 ft/radial). I was hoping to use my Z11-Pro at the feed point, but the tuner seems to loop through tuning cycles never settling with a match. When I put the tuner inside, at the radio via 100ft of LMR-400, the tuner works fine. Can the Z11-Pro be used to base feed a vertical?

Thanks
-Steve AB5ID

[Non-text portions of this message have been removed]

5990. Re: Z-817 CAT problems

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-01 00:33:35 UTC
From: wildergeek
Topic: 5985 Message: 5990

I had high hopes this would fix it but unfortunately, it didn't work. Thanks very much for the suggestion though.

I guess I'll ship the tuner to LDG tomorrow.

--- In LDG-auto-tuners@yahoogroups.com, "ki6tsf" <ki6tsf@...> wrote:
>
> Hi
>
> Make sure VFO-A and VFO-B are identical !!! That might not be 100% required but it helps a lot. Long press on VFO A=B button in the quick menu until you hear a beep.
>
> If one of the VFO's is set to FM in the 100 MHz broadcast band for example, tuning recall/full tune cycle will not work. I can repeatedly prove it on a Z-817H and two FT-817's. The symptoms are no tune, no transmit during tune, radio not going to PKT mode, whole cycle takes < 1sec, and red and green LEDs keep flashing in sequence for a while afterwards.
>
> Setting VFO A=B is an easy fix, in case you were in the same situation as I was. It wasn't obvious to find because I rarely (read never) use VFO-B on the FT-817... but it works great.
>
> 73 de KI6TSF
>
> --- In LDG-auto-tuners@yahoogroups.com, "wildergeek" <wildergeek@> wrote:
> >
> > I recently emailed LDG about my Z-817 tuner not working with my FT-817 radio. They advised me that there wasn't much I could do and that they would check it if I sent it in.
> >
> > Since that email, I ran a little test and discovered that the tuner actually works fine if I use it manually by switching the radio mode to AM or DIG and keying up when I press the tune button. I also discovered that the Z-817's CAT pass-through works so the CAT problem is not in my radio.
> >
> > Has anyone else had problems with the CAT functionality in the Z-817 and is there anything I can check inside before sending the unit to LDG for repair?
> >
> > Yes, I did confirm that the baud rate was set to 38,400 on the radio.
> >
> > Advice will be greatly appreciated.
> >
>

5991. RE: [LDG-auto-tuners] Z11 Pro non-resonant vertical RFI looping

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-01 02:01:59 UTC
From: Steve Hanis
Topic: 5988 Message: 5991

Where did you install the choke?
On Feb 28, 2013 3:49 PM, "Stephen Finch" <ai0w@...> wrote:

> **
>
>
> There may be too much RF on the braid of the coax and/or hitting the tuner.
> It messes up the tuning circuits and the tuner keeps recycling. I had the
> same problem until I put a choke on the feed line.
>
> Steve
>
> Steve Finch
> AI?W
> Technical Coordinator - North Florida Section
> Homosassa Springs, FL
> ai0w@...
>
> From: LDG-auto-tuners@yahoogroups.com
> [mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Steve
> Sent: Thursday, February 28, 2013 9:35 AM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: [LDG-auto-tuners] Z11 Pro non-resonant vertical RFI looping
>
> I recently put up a 24 foot ground mounted vertical with 20 radials (20
> ft/radial). I was hoping to use my Z11-Pro at the feed point, but the tuner
> seems to loop through tuning cycles never settling with a match. When I put
> the tuner inside, at the radio via 100ft of LMR-400, the tuner works fine.
> Can the Z11-Pro be used to base feed a vertical?
>
> Thanks
> -Steve AB5ID
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

5992. IC-718 & AT-11MP

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-01 20:36:54 UTC
From: martynwhyte
Topic: 5992 Message: 5992

Would I be correct in assuming that to interface my IC-718 to my AT-11MP I would require the services of an IC-PAC lead.
If I am correct once this has been done I then need to change the setting in the 718 menu to AH-4 in order to complete the cycle thereby being able to tune via the radio!

Regards,
Martyn-MM0XXW

5993. LDG tunners on horizontal loops

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-04 17:21:16 UTC
From: josephducar
Topic: 5993 Message: 5993

Does any one have experience with these tunners on horizontal loop antennas?
I have a AT- 600Pro on a 570 ft loop. Works good on 40m & 20m. It will not tune the lower end of 15m.
I am surprised , since a MFJ - 993B will tune this antenna on all .
Jody

5994. Re: [LDG-auto-tuners] LDG tunners on horizontal loops

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-04 18:44:11 UTC
From: N2CKH
Topic: 5993 Message: 5994

Hi Jody,

I have never had an issue with the LDG wide tuning range PRO models in dealing with my 500 foot of wire Delta Loop during the last 4 plus years no matter being wet or iced, it resonates just above 2Mhz near my lowest MARS frequency used for ALE.

The AT200PC is in daily use on that antenna, basically the same tuner as the AT200PRO which I also have, in addition I have used the new AT600PROII with no issues.

This particular loop consists of less than 50 feet of RG-214 to a ByteMark 9:1 HB-450 balun with heavy braid connection to 8 ft. 5/8 ground rod with 30 feet of 450 ohm 12ga. ladder line to a Ladderlok feeding the 500 feet of jacketed 12ga. wire which free floats through one end of Alpha Delta DELTA-CIN end-insulators where the other end is connected to the supporting 5/8 inch dacron rope. The entire antenna system is completely insulated from the elements. Here is a .PDF on the antenna, not much more details then I just provided:

<http://www.n2ckh.com/ANTFARM/N2CKH_2Mhz_Loop_Antenna.pdf>http://www.n2ckh.com/ANTFARM/N2CKH_2Mhz_Loop_Antenna.pdf

/s/ Steve, N2CKH

At 12:21 PM 3/4/2013, you wrote:
>
>
>Does any one have experience with these tunners on horizontal loop antennas?
>I have a AT- 600Pro on a 570 ft loop. Works good on 40m & 20m. It
>will not tune the lower end of 15m.
>I am surprised , since a MFJ - 993B will tune this antenna on all .
>Jody

[Non-text portions of this message have been removed]

5995. Re: IC-718 & AT-11MP

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-04 20:58:25 UTC
From: Dwayne
Topic: 5992 Message: 5995

Martyn,

That all looks correct.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "martynwhyte" <mm0xxw@...> wrote:
>
> Would I be correct in assuming that to interface my IC-718 to my AT-11MP I would require the services of an IC-PAC lead.
> If I am correct once this has been done I then need to change the setting in the 718 menu to AH-4 in order to complete the cycle thereby being able to tune via the radio!
>
> Regards,
> Martyn-MM0XXW
>

5996. Re: [LDG-auto-tuners] LDG tunners on horizontal loops

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-04 22:27:43 UTC
From: Kirk Kleinschmidt
Topic: 5993 Message: 5996

Jody,

I have used LDG and SGC autocouplers on all of my big horizontal loops for years, indoor loops and outdoor loops.

They all work fine, but I suspect that you're experiencing an "impedance weirdness" common to most antennas that are used on multiple bands. Mine is 45 kHz on either side of 3.8 MHz... :)

For every antenna (dipole, loop, etc) and feed line combination, whether coax of open-wire line), it seems that SOME FREQUENCY (or some frequencies) among the many that we're asking the system to match, present impedances that give the autocoupler a real challenge.

Like what you're experiencing, a particular setup may tune perfectly everywhere except one part of one band. It can be frustrating, but it's not unexpected considering the huge range of potential impedances we encounter when trying to match a single antenna from dc to daylight.

Possible solutions include adding (or subtracting) feed line lengths, adding or subtracting wire element lengths, adding L or C to the antenna side of the tuner (perhaps switchable, to address only the "problem area"), adding 4:1 or 9:1 baluns or ununs to the antenna side of the tuner, etc. There are probably more methods out there.

Of course, by fixing the problem area, you usually move the "weirdness" to another spot, but if that spot is outside the ham bands or on a ham band you're not interested in -- problem solved!

I prefer the "adding or subtracting feed line lengths" method as a first resort.

Other list members may have their own favorite techniques to contribute.

--Kirk, NT0Z

My book, "Stealth Amateur Radio," is now available from
www.stealthamateur.com and on the Amazon Kindle (soon)

>

[Non-text portions of this message have been removed]

5997. Re: [LDG-auto-tuners] LDG tunners on horizontal loops

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-04 23:21:55 UTC
From: Furliips Stardust
Topic: 5993 Message: 5997

You didn't mention which, if any, balun you were using.

As I've mentioned repeatedly, if you're using 450 ohm ladder line, everyone is happier if you use a 9:1 balun.

Jeff-1.0
wa6fwi

[Non-text portions of this message have been removed]

6000. S9V31 Balun

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-05 16:43:13 UTC
From: k2lrv
Topic: 6000 Message: 6000

So I picked up one of the S9V31's that were on clearance. I am going to submit for my free balun, and I am wondering if there is any recommendation on which one is "best" to buy. I currently have eht RBA-1:1 and RBA-4:1, and I am considering getting the RU-4:1 just because I don't have it, but if it is on no use with the V31, then I will get a second of one of the other ones.

Thanks,

Lou

6001. Re: LDG tunners on horizontal loops

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-05 23:25:38 UTC
From: Jonathan Helis KB5IAV
Topic: 5993 Message: 6001

> 1a. LDG tunners on horizontal loops
> Posted by: "josephducar" josephducar@... josephducar
> Date: Mon Mar 4, 2013 10:04 am ((PST))
>
> Does any one have experience with these tunners on horizontal loop antennas?
> I have a AT- 600Pro on a 570 ft loop. Works good on 40m & 20m. It will not tune the lower end of 15m.
> I am surprised , since a MFJ - 993B will tune this antenna on all .
> Jody

I am using the Z11 Pro with a 60 foot half wave open loop, a dipole bent into a rectangle, and it tunes fine on 40-10. It also tunes on 80, but I've never tried to make a QSO there.

I fed the antenna with RS 300ohm TV twinlead, into a MFJ 4:1 balun, which is attached to the tuner. I find it loads pretty well and the antenna seems to work OK. I've worked Europe and Australia on 30, Canary Islands on 40, and have worked DX on other other bands.

The antenna does have some strange directional characteristics, like it doesn't do very well to the west on 20 and seems to have trouble toward South America on 15.

Hope this helps.

--
73,

Jonathan Helis, KB5IAV
Baton Rouge, Louisiana, U.S.A.

6002. Re: S9V31 Balun

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-06 05:36:23 UTC
From: Ken
Topic: 6000 Message: 6002

Lou,

Check the S-9 Online Manual- page 3 (it may be different than the one you got) - http://www.ldgelectronics.com/assets/manuals/S9v31%20Manual%20Rev%20B%20BW.pdf

For 40 meter monoband use, a 1:1 choke balun.. Use the LDG RBA-1:1 for up to 200 watts

For Multiband use, a 4:1 "Unun" is recommended.. If using 200 watts or less, you can use the LDG RU-4:1 Unun.

So it depend on how you want use the antenna..

I also had a RBA-1:1 & RBA-4:1 baluns so ordered the RU-4:1 Unun so I could experiment a bit. It has been too darn cold for playing with antennae in this part of Canada so I have left that project until it warms up..

73 - Ken - VE5KC
- MM Hamsoft - http://hamsoft.ca
- VE5KC - http://ham-radio.ca
- Amateur Radio Link - http://amateur-radio.ca

--- In LDG-auto-tuners@yahoogroups.com, "k2lrv" <lciotti1@...> wrote:
>
> So I picked up one of the S9V31's that were on clearance. I am going to submit for my free balun, and I am wondering if there is any recommendation on which one is "best" to buy. I currently have the RBA-1:1 and RBA-4:1, and I am considering getting the RU-4:1 just because I don't have it, but if it is on no use with the V31, then I will get a second of one of the other ones.
>
> Thanks,
>
> Lou
>

6003. LDG AT-1000 Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-06 10:47:43 UTC
From: rz6my
Topic: 6003 Message: 6003

Hi ! Who can share a schematic diagram of this wonderful device ... please if you can thanks to my @

6004. Converting a 4:1 LDG voltage balun to a 1:1 Guanella style choke balun

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-06 19:29:36 UTC
From: Steve
Topic: 6004 Message: 6004

Does anyone know what size and mix of core is used in the LDG 4:1 voltage balun? I am thinking using it to make a 1:1 e Guanella style balun. I would think the RF properties of the core would work with either style of balun, but wasn't sure.
Thanks,
Steve
AB5ID

6005. Re: IC-718 & AT-11MP

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-07 08:45:00 UTC
From: martynwhyte
Topic: 5992 Message: 6005

Thanks Dwayne, I ordered the lead which is now attached and everything is working as it should via the radios' tuner button!
It's a super tuner, quick as a flash tuning my Doublet and I'm not really finding the lack of memories an issue at all in fact I prefer it to my last one which was the AT-100ProII.

Regards,
Martyn

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
> Martyn,
>
> That all looks correct.
>
> Dwayne Kincaid
> LDG
>
> --- In LDG-auto-tuners@yahoogroups.com, "martynwhyte" <mm0xxw@> wrote:
> >
> > Would I be correct in assuming that to interface my IC-718 to my AT-11MP I would require the services of an IC-PAC lead.
> > If I am correct once this has been done I then need to change the setting in the 718 menu to AH-4 in order to complete the cycle thereby being able to tune via the radio!
> >
> > Regards,
> > Martyn-MM0XXW
> >
>

6006. Re: Converting a 4:1 LDG voltage balun to a 1:1 Guanella style choke balun

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-07 15:45:53 UTC
From: Dwayne
Topic: 6004 Message: 6006

Steve,

Yes, it's the same in both. Right out of the Sevick book.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "Steve" <dmesteve@...> wrote:
>
> Does anyone know what size and mix of core is used in the LDG 4:1 voltage balun? I am thinking using it to make a 1:1 e Guanella style balun. I would think the RF properties of the core would work with either style of balun, but wasn't sure.
> Thanks,
> Steve
> AB5ID
>

6007. Fixed, Re: KT-100 won't tune, please help!

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-10 05:59:22 UTC
From: Avery
Topic: 5982 Message: 6007

When I extended the cable from the KT-100 to the TS-480SAT, I inserted a box with RF chokes and bypass capacitors. I built a new cable without the RF chokes, and the KT-100 works just like the manual says it should. The lesson is that the two control signals have considerable bandwidth, and a filtering approach must be strictly common-mode, not differential mode, such as a ferrite bead over the whole cable. My new cable uses CAT-5E cable, and I was careful to properly pair the signals. CAT-5E has 8 conductors in 4 pairs. Each pair has a different color with a solid color wire paired with a striped wire. I connected all four striped wires to GND, two solids to +12V, and the other two solid wires to a control signal (TT and TS). Since the wire gauge is only 24AWG, doubling the power line is a reasonable precaution, and pairing power and signal each with a ground line brings the benefit of the full signal integrity of the CAT-5E design. Actually, what I did is to take two CAT-5E patch cords that had one broken end (RJ-45 modular plug), cut off the broken end and wire it to the antenna tuner molex connector for the TS-480SAT end, and to the 7-pin mini-DIN for the LDG KT-100 end, and use an RJ-45 two-socket union in the middle. This way, I can use standard RJ-45 connectors and CAT-5E cable to make up any length cabling between the TS-480SAT and the KT-100. Also, I wrapped the CAT-5E cable around a 2.4-inch diameter toroid core for RF isolation. So, ultimately my problem was caused by my jumping the gun with an incorrect filtering scheme.

73,
Avery, WB4RTP
Tucson, Arizona

--- In LDG-auto-tuners@yahoogroups.com, "Avery" <wb4rtp@...> wrote:
>
> My KT-100 won't tune using the AT button on my TS-480SAT. Both were purchased recently. I think I have followed the instructions correctly, and I updated the TS-480 firmware to V106. The KT-100 is connected to ANT 1 jack, and menu #27 is set to At1. But when I press the AT button, nothing happens. When I hold the AT button, after a second the display momentarily flashes "R < AT > T", and the red LED on the KT-100 flashes four times, but no tuning took place. I tried reducing the power to 10W, then transmitting CW while holding the AT button, and the KT-100 does tune just fine (same as when I press the front panel tune button, the red LED comes on while I hear the relays chatter, the red goes out and the green LED comes on). With my antenna, the SWR goes from about 3:1 to about 1.1:1 according to the TS-480SAT display. But, the "AT" area of the TS-480SAT display remains blank, unlike when I use the internal tuner (i.e., I get the "R < AT > T" icon). I got the KT-100 to use as a remote tuner, so I have cut the supplied control/power cable to splice in longer wires, and I have double and triple-checked the wiring for correctness. My question is, what else can I do to get this KT-100 to work "transparently" (i.e., just like the internal tuner)? Please help!
>
> Thanks & 73,
> Avery, WB4RTP
> Tucson, Arizona
>

6008. AT600PROII Continuously retunes

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-13 22:40:11 UTC
From: traceybo@...
Topic: 6008 Message: 6008

I just got a new AT-600Proll and tried it on 2 different antennas, that work well but on different bands. What I am experiencing is the tuner goes through the tuning sequence, does tune a fairly low SWR, about 1.4 or so, but them if you transmit more than 5 seconds, the swr starts rising, and it retunes, and repeats over and over. Just won't stay in one place. The swr goes way up, from say 1.3 up over 3. I have an 80 meter dipole cut for CW, I am trying to use up high, 3.9 and a 40m dipole I am trying to use on 10m. For right now I am just running straight, because it swr is better bypassed.

I figure something is loose, but since it is brand new, I am afraid to take the cover off, for fear of losing warranty. Or maybe I just am not understanding something. I tried to contact LDG via the website email last week, but haven't gotten a response. Today I just ordered another tuner, since I need one for a portable trip next week, and I can't return this one, but I am wondering if I should risk opening the thing or just send it back for repair.

What does everyone think.

6009. Re: [LDG-auto-tuners] AT600PROII Continuously retunes

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-14 14:32:33 UTC
From: John Huffman
Topic: 6008 Message: 6009

I've run into some situations like you describe. I think RF is getting into the tuner.

I tune for the low SWR like you and then put the tuner into semi-automatic mode. No more retuning and all is fine for me.

Good luck.

73 de K1ESE
John

On 3/13/2013 6:40 PM, traceybo@... wrote:
>
> I just got a new AT-600Proll and tried it on 2 different antennas,
> that work well but on different bands. What I am experiencing is the
> tuner goes through the tuning sequence, does tune a fairly low SWR,
> about 1.4 or so, but them if you transmit more than 5 seconds, the swr
> starts rising, and it retunes, and repeats over and over. Just won't
> stay in one place. The swr goes way up, from say 1.3 up over 3. I have
> an 80 meter dipole cut for CW, I am trying to use up high, 3.9 and a
> 40m dipole I am trying to use on 10m. For right now I am just running
> straight, because it swr is better bypassed.
>
> I figure something is loose, but since it is brand new, I am afraid to
> take the cover off, for fear of losing warranty. Or maybe I just am
> not understanding something. I tried to contact LDG via the website
> email last week, but haven't gotten a response. Today I just ordered
> another tuner, since I need one for a portable trip next week, and I
> can't return this one, but I am wondering if I should risk opening the
> thing or just send it back for repair.
>
> What does everyone think.
>
>

[Non-text portions of this message have been removed]

6010. RE: [LDG-auto-tuners] AT600PROII Continuously retunes

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-14 14:53:36 UTC
From: Leonard Pennock (AD7AS)
Topic: 6008 Message: 6010

Sounds like a bad connection or connector in your antenna system rather than a bad tuner.

Leonard K. Pennock (AD7AS)
Sent from my not so smart Win7 phone

-----Original Message-----
From: traceybo@...
Sent: 3/14/2013 7:19 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] AT600PROII Continuously retunes

I just got a new AT-600Proll and tried it on 2 different antennas, that work well but on different bands. What I am experiencing is the tuner goes through the tuning sequence, does tune a fairly low SWR, about 1.4 or so, but them if you transmit more than 5 seconds, the swr starts rising, and it retunes, and repeats over and over. Just won't stay in one place. The swr goes way up, from say 1.3 up over 3. I have an 80 meter dipole cut for CW, I am trying to use up high, 3.9 and a 40m dipole I am trying to use on 10m. For right now I am just running straight, because it swr is better bypassed.

I figure something is loose, but since it is brand new, I am afraid to take the cover off, for fear of losing warranty. Or maybe I just am not understanding something. I tried to contact LDG via the website email last week, but haven't gotten a response. Today I just ordered another tuner, since I need one for a portable trip next week, and I can't return this one, but I am wondering if I should risk opening the thing or just send it back for repair.

What does everyone think.

Yahoo! Groups Links

[Non-text portions of this message have been removed]

6011. Re: AT600PROII Continuously retunes

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-14 15:01:20 UTC
From: roley_g3vir
Topic: 6008 Message: 6011

I don't know what antenna you are using, however if you have some traps in are using capacitors this can be a symptom of the capacitor getting hot and changing value. I have had this in the past with my Butternut antenna.
Roley G3VIR

--- In LDG-auto-tuners@yahoogroups.com, "Leonard Pennock (AD7AS)" <leonardpennock@...> wrote:
>
> Sounds like a bad connection or connector in your antenna system rather than a bad tuner.
>
> Leonard K. Pennock (AD7AS)
> Sent from my not so smart Win7 phone
>
> -----Original Message-----
> From: traceybo@...
> Sent: 3/14/2013 7:19 AM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: [LDG-auto-tuners] AT600PROII Continuously retunes
>
> I just got a new AT-600Proll and tried it on 2 different antennas, that work well but on different bands. What I am experiencing is the tuner goes through the tuning sequence, does tune a fairly low SWR, about 1.4 or so, but them if you transmit more than 5 seconds, the swr starts rising, and it retunes, and repeats over and over. Just won't stay in one place. The swr goes way up, from say 1.3 up over 3. I have an 80 meter dipole cut for CW, I am trying to use up high, 3.9 and a 40m dipole I am trying to use on 10m. For right now I am just running straight, because it swr is better bypassed.
>
> I figure something is loose, but since it is brand new, I am afraid to take the cover off, for fear of losing warranty. Or maybe I just am not understanding something. I tried to contact LDG via the website email last week, but haven't gotten a response. Today I just ordered another tuner, since I need one for a portable trip next week, and I can't return this one, but I am wondering if I should risk opening the thing or just send it back for repair.
>
> What does everyone think.
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

>
> [Non-text portions of this message have been removed]
>

6012. Re: AT600PROII Continuously retunes

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-14 15:53:49 UTC
From: Jim Tylee
Topic: 6008 Message: 6012

Well my LDG Z-PRO11 will keep retuning when i am txing.on high power .no problem if using my ft897 which has good swr protection but when using my transistor linear amp with my army radio the linear has poor swr protection ...LDG do not respond to any messages that i have ever sent them.....the pa transistors are very expensive to replace.in the amp hence my concern
jim g4rek

[Non-text portions of this message have been removed]

6013. Re: [LDG-auto-tuners] Re: AT600PROII Continuously retunes

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-14 16:43:34 UTC
From: Charles Scott
Topic: 6008 Message: 6013

Jim:

What kind of amp is that? Is it possible that the amp is generating
significant spurs or harmonics?

Also, out of curiosity, what kind of "army radio" are you using?

Chuck - N8DNX
PRC-2000
RU-20 (PRC-515)
PRC-6
RF-10

On 3/14/2013 11:53 AM, Jim Tylee wrote:
> Well my LDG Z-PRO11 will keep retuning when i am txing.on high power .no
> problem if using my ft897 which has good swr protection but when using my
> transistor linear amp with my army radio the linear has poor swr protection
> ...LDG do not respond to any messages that i have ever sent them........the
> pa transistors are very expensive to replace.in the amp hence my concern
> jim g4rek
>

6014. Re: [LDG-auto-tuners] Re: AT600PROII Continuously retunes

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-14 17:01:01 UTC
From: Jim Tylee
Topic: 6008 Message: 6014

Hi Chuck,
The LDG tunes up okay on quite low power or high power
am fm cw but when i am talking on ssb in continually tries to retune
itself.......have 2 of these they both do the same thing
The Clansman 321 set with a transistor linear also does this but its
more alarming because i believe the swr protection is poor on this
amplifier......2 watts in 200 watts out ssb.
jim g4rek

[Non-text portions of this message have been removed]

6015. Re: [LDG-auto-tuners] Re: AT600PROII Continuously retunes

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-14 17:05:57 UTC
From: Jim Tylee
Topic: 6008 Message: 6015

Do not of course tx with 200 watts into the LDG
JIM G4REK

On Thu, Mar 14, 2013 at 5:01 PM, Jim Tylee <tylee891@...> wrote:

> Hi Chuck,
> The LDG tunes up okay on quite low power or high power
> am fm cw but when i am talking on ssb in continually tries to retune
> itself.......have 2 of these they both do the same thing
> The Clansman 321 set with a transistor linear also does this but its
> more alarming because i believe the swr protection is poor on this
> amplifier......2 watts in 200 watts out ssb.
> jim g4rek
>
>

[Non-text portions of this message have been removed]

6016. Re: [LDG-auto-tuners] Re: AT600PROII Continuously retunes

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-14 18:38:42 UTC
From: Michael Walker
Topic: 6008 Message: 6016

Do you have an RF chokes on the feed lines?

RF can travel back down the lines and those will affect the onboard SWR calculations and send the tuner into a death loop like you are seeing. The CPU then sees a hi swr and sends the tuner into a retune situation.

What happens if you turn off the automatic tune in the tuner and then watch the SWR on the tuner with it's built in SWR meter?

I have chased so many weird tuning issues on both my home, remote and car and I refused to believe it was a choke issue. Of course, the mobile was worse. Just adding some type 43 chokes solved so many problems.

This is not the time to say 'not me' because I don't have any chokes lying around. :) Order 10 or so and you'll see the difference. They aren't expensive and they will actually also help your receiving.

Mike va3mw

On Thu, Mar 14, 2013 at 1:05 PM, Jim Tylee <tylee891@...> wrote:

> **
>
>
> Do not of course tx with 200 watts into the LDG
> JIM G4REK
>
>
> On Thu, Mar 14, 2013 at 5:01 PM, Jim Tylee <tylee891@...> wrote:
>
> > Hi Chuck,
> > The LDG tunes up okay on quite low power or high power
> > am fm cw but when i am talking on ssb in continually tries to retune
> > itself.......have 2 of these they both do the same thing
> > The Clansman 321 set with a transistor linear also does this but its
> > more alarming because i believe the swr protection is poor on this
> > amplifier......2 watts in 200 watts out ssb.
> > jim g4rek
> > >
> > >
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

6017. Re: [LDG-auto-tuners] Re: AT600PROII Continuously retunes

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-14 18:48:48 UTC
From: Charles Scott
Topic: 6008 Message: 6017

Jim:

Should be a good rig. Real green stuff! Hope to catch you on the air sometime or perhaps at Dayton if you go there (Flea Market 2401).

Sounds like you're getting good input on your tuner issues. Hope you get that sorted out. Most of what I've seen like this is either stray RF getting back into the tuner, bad transmitter generating a lot of off frequency garbage, bad or marginal connections, things touching the antenna and such. Also have seen issues with some of the LDGs being sensitive to even low-level stray RF.

Good luck with it.

Chuck - N8DNX

On 3/14/2013 1:01 PM, Jim Tylee wrote:
> Hi Chuck,
> The LDG tunes up okay on quite low power or high power
> am fm cw but when i am talking on ssb in continually tries to retune
> itself.......have 2 of these they both do the same thing
> The Clansman 321 set with a transistor linear also does this but its
> more alarming because i believe the swr protection is poor on this
> amplifier......2 watts in 200 watts out ssb.
> jim g4rek
>
>
> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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6018. RE: [LDG-auto-tuners] Re: AT600PROII Continuously retunes

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-14 18:10:46 UTC
From: Will Rogers
Topic: 6008 Message: 6018

Hi!

I have the 1000 watt version of the LDG tuner; there is a setting to turn off the automatic tuning on mine. It is recommended by LDG to set it up that way. It does, however, require that I press the tune button on my rig or tuner when I change frequencies. Once you have tuned a frequency up, it only takes a split second to tune the antenna. I am using a 92 foot ladder line fed inverted v on 80-6 meters.

Hope this helps!

73

Will Rogers

K5WLR

From: LDG-auto-tuners@yahoogroups.com
[mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Jim Tylee
Sent: Thursday, March 14, 2013 12:06
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] Re: AT600PROII Continuously retunes

Do not of course tx with 200 watts into the LDG
JIM G4REK

On Thu, Mar 14, 2013 at 5:01 PM, Jim Tylee <tylee891@...
<mailto:tylee891%40gmail.com> > wrote:

> Hi Chuck,
> The LDG tunes up okay on quite low power or high power
> am fm cw but when i am talking on ssb in continually tries to retune
> itself.......have 2 of these they both do the same thing
> The Clansman 321 set with a transistor linear also does this but its
> more alarming because i believe the swr protection is poor on this
> amplifier......2 watts in 200 watts out ssb.
> jim g4rek
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

6019. Re: AT600PROII Continuously retunes

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-14 19:55:59 UTC
From: traceybo@...
Topic: 6008 Message: 6019

The antennas are both just standard wire dipoles, 80m is 64.5 feet on each leg, 40m is 33 feet each leg. Fed with RG8X, Kenwood TS-480, 200w. Antennas are 40 feet up. phenolic on the end, tied to paracord.

The swr is really moving, if you key up in CW, the needle moves from 1.4 to over 3.5 in about 10 seconds. Then it starts retuning. If you do that with the tuner in bypass, on a freguency where it swr is lower, say 2:1, it sits still, constant SWR.

I am almost positive it is the tuner. My choices therefore are simply to sell it, I have only had it 3 weeks, Gigaparts won't take it back. Send it back, since LDG says on their website you don't need an RMA.

I have gone ahead and ordered another brand tuner, sick of messing with it. Got a manual versa tuner which will handle the 200w.

Anybody want to buy a 3 week old tuner?

Bill

--- In LDG-auto-tuners@yahoogroups.com, "roley_g3vir" <roland@...> wrote:
>
> I don't know what antenna you are using, however if you have some traps in are using capacitors this can be a symptom of the capacitor getting hot and changing value. I have had this in the past with my Butternut antenna.
> Roley G3VIR
>
>
> --- In LDG-auto-tuners@yahoogroups.com, "Leonard Pennock (AD7AS)" <leonardpennock@> wrote:
> >
> > Sounds like a bad connection or connector in your antenna system rather than a bad tuner.
> >
> > Leonard K. Pennock (AD7AS)
> > Sent from my not so smart Win7 phone
> >
> > -----Original Message-----
> > From: traceybo@
> > Sent: 3/14/2013 7:19 AM
> > To: LDG-auto-tuners@yahoogroups.com
> > Subject: [LDG-auto-tuners] AT600PROII Continuously retunes
> >
> > I just got a new AT-600Proll and tried it on 2 different antennas, that work well but on different bands. What I am experiencing is the tuner goes through the tuning sequence, does tune a fairly low SWR, about 1.4 or so, but them if you transmit more than 5 seconds, the swr starts rising, and it retunes, and repeats over and over. Just won't stay in one

place. The swr goes way up, from say 1.3 up over 3. I have an 80 meter dipole cut for CW, I am trying to use up high, 3.9 and a 40m dipole I am trying to use on 10m. For right now I am just running straight, because it swr is better bypassed.
> >
> > I figure something is loose, but since it is brand new, I am afraid to take the cover off, for fear of losing warranty. Or maybe I just am not understanding something. I tried to contact LDG via the website email last week, but haven't gotten a response. Today I just ordered another tuner, since I need one for a portable trip next week, and I can't return this one, but I am wondering if I should risk opening the thing or just send it back for repair.
> >
> > What does everyone think.
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
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> >
> > [Non-text portions of this message have been removed]
> >
>

6020. Re: [LDG-auto-tuners] Re: AT600PROII Continuously retunes

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-14 20:25:17 UTC
From: Charles Scott
Topic: 6008 Message: 6020

Bill:

I hate to say it, but this doesn't sound good. Something in the path is having a problem. Since it doesn't happen when the tuner is in bypass, it has to be a relay contact, trace, solder connection, or component inside the tuner.

What does the tuner smell like? Have you opened it up to see if there's anything obvious?

Price?

Chuck - N8DNX

On 3/14/2013 3:55 PM, traceybo@... wrote:
> The antennas are both just standard wire dipoles, 80m is 64.5 feet on each leg, 40m is 33 feet each leg. Fed with RG8X, Kenwood TS-480, 200w. Antennas are 40 feet up. phenolic on the end, tied to paracord.
>
> The swr is really moving, if you key up in CW, the needle moves from 1.4 to over 3.5 in about 10 seconds. Then it starts retuning. If you do that with the tuner in bypass, on a freguency where it swr is lower, say 2:1, it sits still, constant SWR.
>
> I am almost positive it is the tuner. My choices therefore are simply to sell it, I have only had it 3 weeks, Gigaparts won't take it back. Send it back, since LDG says on their website you don't need an RMA.
>
> I have gone ahead and ordered another brand tuner, sick of messing with it. Got a manual versa tuner which will handle the 200w.
>
> Anybody want to buy a 3 week old tuner?
>
> Bill
>

6021. Re: AT600PROII Continuously retunes

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-14 22:00:04 UTC
From: traceybo@...
Topic: 6008 Message: 6021

If I open it, then there is no warranty. I thought about it, but I haven't been able to get an email reply from LDG, and I am afraid to.

I just want out of this, I have a copy of my purchase receipt, say $100 off for someone that wants to mess with them.

Very discouraging that they don't answer email.

Bill

--- In LDG-auto-tuners@yahoogroups.com, Charles Scott <cscott@...> wrote:
>
> Bill:
>
> I hate to say it, but this doesn't sound good. Something in the path is
> having a problem. Since it doesn't happen when the tuner is in bypass,
> it has to be a relay contact, trace, solder connection, or component
> inside the tuner.
>
> What does the tuner smell like? Have you opened it up to see if there's
> anything obvious?
>
> Price?
>
> Chuck - N8DNX
>
>
> On 3/14/2013 3:55 PM, traceybo@... wrote:
> > The antennas are both just standard wire dipoles, 80m is 64.5 feet on each leg, 40m is 33 feet each leg. Fed with RG8X, Kenwood TS-480, 200w. Antennas are 40 feet up. phenolic on the end, tied to paracord.
> >
> > The swr is really moving, if you key up in CW, the needle moves from 1.4 to over 3.5 in about 10 seconds. Then it starts retuning. If you do that with the tuner in bypass, on a freguency where it swr is lower, say 2:1, it sits still, constant SWR.
> >
> > I am almost positive it is the tuner. My choices therefore are simply to sell it, I have only had it 3 weeks, Gigaparts won't take it back. Send it back, since LDG says on their website you don't need an RMA.
> >
> > I have gone ahead and ordered another brand tuner, sick of messing with it. Got a manual versa tuner which will handle the 200w.
> >
> > Anybody want to buy a 3 week old tuner?
> >
> > Bill

> >
>

6022. Re: [LDG-auto-tuners] Re: AT600PROII Continuously retunes

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-14 22:23:02 UTC
From: Bill Aycock
Topic: 6008 Message: 6022

Bill--
You say you sent them an eMail? How does the users manual say to get in touch with them? Do they have a web site, with a "Contact Us" option?
Bill--W4BSG

-----Original Message-----
From: traceybo@...
Sent: Thursday, March 14, 2013 5:00 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: AT600PROII Continuously retunes

If I open it, then there is no warranty. I thought about it, but I haven't been able to get an email reply from LDG, and I am afraid to.

I just want out of this, I have a copy of my purchase receipt, say $100 off for someone that wants to mess with them.

Very discouraging that they don't answer email.

Bill

--- In LDG-auto-tuners@yahoogroups.com, Charles Scott <cscott@...> wrote:
>
> Bill:
>
> I hate to say it, but this doesn't sound good. Something in the path is
> having a problem. Since it doesn't happen when the tuner is in bypass,
> it has to be a relay contact, trace, solder connection, or component
> inside the tuner.
>
> What does the tuner smell like? Have you opened it up to see if there's
> anything obvious?
>
> Price?
>
> Chuck - N8DNX
>
>
> On 3/14/2013 3:55 PM, traceybo@... wrote:
> > The antennas are both just standard wire dipoles, 80m is 64.5 feet on
> > each leg, 40m is 33 feet each leg. Fed with RG8X, Kenwood TS-480, 200w.
> > Antennas are 40 feet up. phenolic on the end, tied to paracord.
> >
> > The swr is really moving, if you key up in CW, the needle moves from 1.4
> > to over 3.5 in about 10 seconds. Then it starts retuning. If you do that
> > with the tuner in bypass, on a freguency where it swr is lower, say 2:1,

> > it sits still, constant SWR.
> >
> > I am almost positive it is the tuner. My choices therefore are simply to
> > sell it, I have only had it 3 weeks, Gigaparts won't take it back. Send
> > it back, since LDG says on their website you don't need an RMA.
> >
> > I have gone ahead and ordered another brand tuner, sick of messing with
> > it. Got a manual versa tuner which will handle the 200w.
> >
> > Anybody want to buy a 3 week old tuner?
> >
> > Bill
> >
>

Yahoo! Groups Links

6023. Re: [LDG-auto-tuners] Re: AT600PROII Continuously retunes

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-14 22:27:00 UTC
From: VE6LB
Topic: 6008 Message: 6023

email has always worked for me. Usually back to me the same day. Replace a tuner I was having trouble with no problem.

http://www.ldgelectronics.com/c/8/contact-us

Great customer service.

73,
Gerry VE6LB/VA6XDX
DXCC, VUCC, WAS Card Checker-Southern Alberta
VE/VA6 QSL Bureau Team
(403) 251-0384
ve6lb@...
http://www.qsl.net/ve6lb/

From: Bill Aycock
Sent: Thursday, March 14, 2013 4:23 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] Re: AT600PROII Continuously retunes

Bill--
You say you sent them an eMail? How does the users manual say to get in touch with them? Do they have a web site, with a "Contact Us" option?
Bill--W4BSG

-----Original Message-----
From: mailto:traceybo%40yahoo.com
Sent: Thursday, March 14, 2013 5:00 PM
To: mailto:LDG-auto-tuners%40yahoogroups.com
Subject: [LDG-auto-tuners] Re: AT600PROII Continuously retunes

If I open it, then there is no warranty. I thought about it, but I haven't been able to get an email reply from LDG, and I am afraid to.

I just want out of this, I have a copy of my purchase receipt, say $100 off for someone that wants to mess with them.

Very discouraging that they don't answer email.

Bill

--- In mailto:LDG-auto-tuners%40yahoogroups.com, Charles Scott <cscott@...> wrote:
>
> Bill:
>
> I hate to say it, but this doesn't sound good. Something in the path is
> having a problem. Since it doesn't happen when the tuner is in bypass,
> it has to be a relay contact, trace, solder connection, or component

> inside the tuner.
>
> What does the tuner smell like? Have you opened it up to see if there's
> anything obvious?
>
> Price?
>
> Chuck - N8DNX
>
>
> On 3/14/2013 3:55 PM, traceybo@... wrote:
> > The antennas are both just standard wire dipoles, 80m is 64.5 feet on
> > each leg, 40m is 33 feet each leg. Fed with RG8X, Kenwood TS-480, 200w.
> > Antennas are 40 feet up. phenolic on the end, tied to paracord.
> >
> > The swr is really moving, if you key up in CW, the needle moves from 1.4
> > to over 3.5 in about 10 seconds. Then it starts retuning. If you do that
> > with the tuner in bypass, on a freguency where it swr is lower, say 2:1,
> > it sits still, constant SWR.
> >
> > I am almost positive it is the tuner. My choices therefore are simply to
> > sell it, I have only had it 3 weeks, Gigaparts won't take it back. Send
> > it back, since LDG says on their website you don't need an RMA.
> >
> > I have gone ahead and ordered another brand tuner, sick of messing with
> > it. Got a manual versa tuner which will handle the 200w.
> >
> > Anybody want to buy a 3 week old tuner?
> >
> > Bill
> >
>

Yahoo! Groups Links

[Non-text portions of this message have been removed]

6024. Re: AT600PROII Continuously retunes

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-14 22:39:40 UTC
From: traceybo@...
Topic: 6008 Message: 6024

Yes, they have a website contact option, say that is the best way, phone calls take up to 5 days. I put in the captcha code thing and all. Nothing, tomorrow make a week.

--- In LDG-auto-tuners@yahoogroups.com, "Bill Aycock" <billaycock@...> wrote:
>
> Bill--
> You say you sent them an eMail? How does the users manual say to get in
> touch with them? Do they have a web site, with a "Contact Us" option?
> Bill--W4BSG
>
> -----Original Message-----
> From: traceybo@...
> Sent: Thursday, March 14, 2013 5:00 PM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: [LDG-auto-tuners] Re: AT600PROII Continuously retunes
>
> If I open it, then there is no warranty. I thought about it, but I haven't
> been able to get an email reply from LDG, and I am afraid to.
>
> I just want out of this, I have a copy of my purchase receipt, say $100 off
> for someone that wants to mess with them.
>
> Very discouraging that they don't answer email.
>
> Bill
>
> --- In LDG-auto-tuners@yahoogroups.com, Charles Scott <cscott@> wrote:
> >
> > Bill:
> >
> > I hate to say it, but this doesn't sound good. Something in the path is
> > having a problem. Since it doesn't happen when the tuner is in bypass,
> > it has to be a relay contact, trace, solder connection, or component
> > inside the tuner.
> >
> > What does the tuner smell like? Have you opened it up to see if there's
> > anything obvious?
> >
> > Price?
> >
> > Chuck - N8DNX
> >
> >
> > On 3/14/2013 3:55 PM, traceybo@ wrote:
> > > The antennas are both just standard wire dipoles, 80m is 64.5 feet on

> > > each leg, 40m is 33 feet each leg. Fed with RG8X, Kenwood TS-480, 200w.
> > > Antennas are 40 feet up. phenolic on the end, tied to paracord.
> > >
> > > The swr is really moving, if you key up in CW, the needle moves from 1.4
> > > to over 3.5 in about 10 seconds. Then it starts retuning. If you do that
> > > with the tuner in bypass, on a freguency where it swr is lower, say 2:1,
> > > it sits still, constant SWR.
> > >
> > > I am almost positive it is the tuner. My choices therefore are simply to
> > > sell it, I have only had it 3 weeks, Gigaparts won't take it back. Send
> > > it back, since LDG says on their website you don't need an RMA.
> > >
> > > I have gone ahead and ordered another brand tuner, sick of messing with
> > > it. Got a manual versa tuner which will handle the 200w.
> > >
> > > Anybody want to buy a 3 week old tuner?
> > >
> > > Bill
> > >
> >
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> ------------------------------------
>
> Yahoo! Groups Links
>

6025. Re: AT600PROII Continuously retunes

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-14 22:44:35 UTC
From: traceybo@...
Topic: 6008 Message: 6025

Yep, that is the page I used. At this point, Gigaparts shipped another brand tuner today. They said LDG wouldn't let them take it back. I asked Mike what else, he told me a versa tuner would handle the 200w, It was cheap, I bought it. I have a trip portable coming up next week, so I needed something that would work. The only bad thing is, the versa tuner was larger, and I have to backpack it part of the way.

--- In LDG-auto-tuners@...m, "VE6LB" <ve6lb@...> wrote:
>
>
> email has always worked for me. Usually back to me the same day. Replace a tuner I was having trouble with no problem.
>
> http://www.ldgelectronics.com/c/8/contact-us
>
> Great customer service.
>
> 73,
> Gerry VE6LB/VA6XDX
> DXCC, VUCC, WAS Card Checker-Southern Alberta
> VE/VA6 QSL Bureau Team
> (403) 251-0384
> ve6lb@...
> http://www.qsl.net/ve6lb/
>
>
> From: Bill Aycock
> Sent: Thursday, March 14, 2013 4:23 PM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: Re: [LDG-auto-tuners] Re: AT600PROII Continuously retunes
>
>
> Bill--
> You say you sent them an eMail? How does the users manual say to get in
> touch with them? Do they have a web site, with a "Contact Us" option?
> Bill--W4BSG
>
> -----Original Message-----
> From: mailto:traceybo%40yahoo.com
> Sent: Thursday, March 14, 2013 5:00 PM
> To: mailto:LDG-auto-tuners%40yahoogroups.com
> Subject: [LDG-auto-tuners] Re: AT600PROII Continuously retunes
>
> If I open it, then there is no warranty. I thought about it, but I haven't
> been able to get an email reply from LDG, and I am afraid to.
>

> I just want out of this, I have a copy of my purchase receipt, say $100 off
> for someone that wants to mess with them.
>
> Very discouraging that they don't answer email.
>
> Bill
>
> --- In mailto:LDG-auto-tuners%40yahoogroups.com, Charles Scott <cscott@> wrote:
> >
> > Bill:
> >
> > I hate to say it, but this doesn't sound good. Something in the path is
> > having a problem. Since it doesn't happen when the tuner is in bypass,
> > it has to be a relay contact, trace, solder connection, or component
> > inside the tuner.
> >
> > What does the tuner smell like? Have you opened it up to see if there's
> > anything obvious?
> >
> > Price?
> >
> > Chuck - N8DNX
> >
> >
> > On 3/14/2013 3:55 PM, traceybo@ wrote:
> > > The antennas are both just standard wire dipoles, 80m is 64.5 feet on
> > > each leg, 40m is 33 feet each leg. Fed with RG8X, Kenwood TS-480, 200w.
> > > Antennas are 40 feet up. phenolic on the end, tied to paracord.
> > >
> > > The swr is really moving, if you key up in CW, the needle moves from 1.4
> > > to over 3.5 in about 10 seconds. Then it starts retuning. If you do that
> > > with the tuner in bypass, on a freguency where it swr is lower, say 2:1,
> > > it sits still, constant SWR.
> > >
> > > I am almost positive it is the tuner. My choices therefore are simply to
> > > sell it, I have only had it 3 weeks, Gigaparts won't take it back. Send
> > > it back, since LDG says on their website you don't need an RMA.
> > >
> > > I have gone ahead and ordered another brand tuner, sick of messing with
> > > it. Got a manual versa tuner which will handle the 200w.
> > >
> > > Anybody want to buy a 3 week old tuner?
> > >
> > > Bill
> > >
> >
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> ------------------------------------
>
> Yahoo! Groups Links

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> [Non-text portions of this message have been removed]
>

6026. Re: [LDG-auto-tuners] Re: AT600PROII Continuously retunes

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-14 23:25:50 UTC
From: Leonard K. Pennock (AD7AS)
Topic: 6008 Message: 6026

Try calling. There are a lot of otherwise good companies that don't answer email.

traceybo@... wrote:

>If I open it, then there is no warranty. I thought about it, but I
>haven't been able to get an email reply from LDG, and I am afraid to.
>
>I just want out of this, I have a copy of my purchase receipt, say $100
>off for someone that wants to mess with them.
>
>Very discouraging that they don't answer email.
>
>Bill
>
>--- In LDG-auto-tuners@yahoogroups.com, Charles Scott <cscott@...>
>wrote:
>>
>> Bill:
>>
>> I hate to say it, but this doesn't sound good. Something in the path
>is
>> having a problem. Since it doesn't happen when the tuner is in
>bypass,
>> it has to be a relay contact, trace, solder connection, or component
>> inside the tuner.
>>
>> What does the tuner smell like? Have you opened it up to see if
>there's
>> anything obvious?
>>
>> Price?
>>
>> Chuck - N8DNX
>>
>>
>> On 3/14/2013 3:55 PM, traceybo@... wrote:
>> > The antennas are both just standard wire dipoles, 80m is 64.5 feet
>on each leg, 40m is 33 feet each leg. Fed with RG8X, Kenwood TS-480,
>200w. Antennas are 40 feet up. phenolic on the end, tied to paracord.
>> >
>> > The swr is really moving, if you key up in CW, the needle moves
>from 1.4 to over 3.5 in about 10 seconds. Then it starts retuning. If
>you do that with the tuner in bypass, on a freguency where it swr is
>lower, say 2:1, it sits still, constant SWR.
>> >

>> > I am almost positive it is the tuner. My choices therefore are
>simply to sell it, I have only had it 3 weeks, Gigaparts won't take it
>back. Send it back, since LDG says on their website you don't need an
>RMA.
>> >
>> > I have gone ahead and ordered another brand tuner, sick of messing
>with it. Got a manual versa tuner which will handle the 200w.
>> >
>> > Anybody want to buy a 3 week old tuner?
>> >
>> > Bill
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>Yahoo! Groups Links
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Sent from my Android phone with K-9 Mail. Please excuse my brevity.

[Non-text portions of this message have been removed]

6027. Re: [LDG-auto-tuners] Re: AT600PROII Continuously retunes

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-14 23:26:41 UTC
From: Michael Walker
Topic: 6008 Message: 6027

Doesn't sound like a tuner issue.

Sounds like RF feedback.

Mike va3mw

On Thu, Mar 14, 2013 at 3:55 PM, <traceybo@...> wrote:

> **
>
>
> The antennas are both just standard wire dipoles, 80m is 64.5 feet on each
> leg, 40m is 33 feet each leg. Fed with RG8X, Kenwood TS-480, 200w. Antennas
> are 40 feet up. phenolic on the end, tied to paracord.
>
> The swr is really moving, if you key up in CW, the needle moves from 1.4
> to over 3.5 in about 10 seconds. Then it starts retuning. If you do that
> with the tuner in bypass, on a freguency where it swr is lower, say 2:1, it
> sits still, constant SWR.
>
> I am almost positive it is the tuner. My choices therefore are simply to
> sell it, I have only had it 3 weeks, Gigaparts won't take it back. Send it
> back, since LDG says on their website you don't need an RMA.
>
> I have gone ahead and ordered another brand tuner, sick of messing with
> it. Got a manual versa tuner which will handle the 200w.
>
> Anybody want to buy a 3 week old tuner?
>
> Bill
>
> --- In LDG-auto-tuners@yahoogroups.com, "roley_g3vir" <roland@...> wrote:
> >
> > I don't know what antenna you are using, however if you have some traps
> in are using capacitors this can be a symptom of the capacitor getting hot
> and changing value. I have had this in the past with my Butternut antenna.
> > Roley G3VIR
> >
> >
> > --- In LDG-auto-tuners@yahoogroups.com, "Leonard Pennock (AD7AS)"
> <leonardpennock@> wrote:
> > >
> > > Sounds like a bad connection or connector in your antenna system
> rather than a bad tuner.
> > >
> > > Leonard K. Pennock (AD7AS)

> > > Sent from my not so smart Win7 phone
> > >
> > > -----Original Message-----
> > > From: traceybo@
> > > Sent: 3/14/2013 7:19 AM
> > > To: LDG-auto-tuners@yahoogroups.com
> > > Subject: [LDG-auto-tuners] AT600PROII Continuously retunes
> > >
> > > I just got a new AT-600Proll and tried it on 2 different antennas,
> that work well but on different bands. What I am experiencing is the tuner
> goes through the tuning sequence, does tune a fairly low SWR, about 1.4 or
> so, but them if you transmit more than 5 seconds, the swr starts rising,
> and it retunes, and repeats over and over. Just won't stay in one place.
> The swr goes way up, from say 1.3 up over 3. I have an 80 meter dipole cut
> for CW, I am trying to use up high, 3.9 and a 40m dipole I am trying to use
> on 10m. For right now I am just running straight, because it swr is better
> bypassed.
> > >
> > > I figure something is loose, but since it is brand new, I am afraid to
> take the cover off, for fear of losing warranty. Or maybe I just am not
> understanding something. I tried to contact LDG via the website email last
> week, but haven't gotten a response. Today I just ordered another tuner,
> since I need one for a portable trip next week, and I can't return this
> one, but I am wondering if I should risk opening the thing or just send it
> back for repair.
> > >
> > > What does everyone think.
> > >
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> > > Yahoo! Groups Links
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> > > [Non-text portions of this message have been removed]
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[Non-text portions of this message have been removed]

6028. Re: [LDG-auto-tuners] Re: AT600PROII Continuously retunes

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-14 23:59:51 UTC
From: Hank Greeb
Topic: 6008 Message: 6028

LDG typically answers within a few hours, so something must be amiss
with the fellow who typically monitors this reflector.

72/73 de n8xx Hg
QRP >99.44% of the time

p.s. I'd guess it was RF getting into the tuner, if it were mine. Did
you try replacing a jumper coax or connectors on your coax?

On 3/14/2013 7:25 PM, Leonard K. Pennock (AD7AS) wrote:
> Try calling. There are a lot of otherwise good companies that don't answer email.
>
> traceybo@... wrote:
>
>> If I open it, then there is no warranty. I thought about it, but I haven't been able to get an email reply from LDG, and I am afraid to.
>>
>> I just want out of this, I have a copy of my purchase receipt, say $100 off for someone that wants to mess with them.
>>
>> Very discouraging that they don't answer email.
>>
>> Bill

[Non-text portions of this message have been removed]

6029. Re: [LDG-auto-tuners] Re: AT600PROII Continuously retunes

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-15 00:04:53 UTC
From: G8UVE
Topic: 6008 Message: 6029

Perhaps this is a "Hot Potato"

AND

Discretion being better that Valour

Its time for him to keep his head below the parapet

Regards

David (UVE)

----- Original Message -----
From: "Hank Greeb" <n8xx@...>
To: <LDG-auto-tuners@yahoogroups.com>
Sent: Thursday, March 14, 2013 11:59 PM
Subject: Re: [LDG-auto-tuners] Re: AT600PROII Continuously retunes

> LDG typically answers within a few hours, so something must be amiss
> with the fellow who typically monitors this reflector.
>
> 72/73 de n8xx Hg
> QRP >99.44% of the time
>
> p.s. I'd guess it was RF getting into the tuner, if it were mine. Did
> you try replacing a jumper coax or connectors on your coax?
>
> On 3/14/2013 7:25 PM, Leonard K. Pennock (AD7AS) wrote:
>> Try calling. There are a lot of otherwise good companies that don't
>> answer email.
>>
>> traceybo@... wrote:
>>
>>> If I open it, then there is no warranty. I thought about it, but I
>>> haven't been able to get an email reply from LDG, and I am afraid to.
>>>
>>> I just want out of this, I have a copy of my purchase receipt, say $100
>>> off for someone that wants to mess with them.
>>>
>>> Very discouraging that they don't answer email.
>>>
>>> Bill
>
>
> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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6030. Re: [LDG-auto-tuners] Re: AT600PROII Continuously retunes

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-15 00:33:24 UTC
From: Jimmy (WB8NBI)
Topic: 6008 Message: 6030

I have always got answers to my e-mails to LDG usually from The owner him self. Always the same day or next.

DE Jimmy (WB8NBI)

From: Leonard K. Pennock (AD7AS)
Sent: Thursday, March 14, 2013 7:25 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] Re: AT600PROII Continuously retunes

Try calling. There are a lot of otherwise good companies that don't answer email.

mailto:traceybo%40yahoo.com wrote:

>If I open it, then there is no warranty. I thought about it, but I
>haven't been able to get an email reply from LDG, and I am afraid to.
>
>I just want out of this, I have a copy of my purchase receipt, say $100
>off for someone that wants to mess with them.
>
>Very discouraging that they don't answer email.
>
>Bill
>
>--- In mailto:LDG-auto-tuners%40yahoogroups.com, Charles Scott <cscott@...>
>wrote:
>>
>> Bill:
>>
>> I hate to say it, but this doesn't sound good. Something in the path
>is
>> having a problem. Since it doesn't happen when the tuner is in
>bypass,
>> it has to be a relay contact, trace, solder connection, or component
>> inside the tuner.
>>
>> What does the tuner smell like? Have you opened it up to see if
>there's
>> anything obvious?
>>
>> Price?
>>
>> Chuck - N8DNX
>>
>>
>> On 3/14/2013 3:55 PM, traceybo@... wrote:

>> > The antennas are both just standard wire dipoles, 80m is 64.5 feet
>on each leg, 40m is 33 feet each leg. Fed with RG8X, Kenwood TS-480,
>200w. Antennas are 40 feet up. phenolic on the end, tied to paracord.
>> >
>> > The swr is really moving, if you key up in CW, the needle moves
>from 1.4 to over 3.5 in about 10 seconds. Then it starts retuning. If
>you do that with the tuner in bypass, on a freguency where it swr is
>lower, say 2:1, it sits still, constant SWR.
>> >
>> > I am almost positive it is the tuner. My choices therefore are
>simply to sell it, I have only had it 3 weeks, Gigaparts won't take it
>back. Send it back, since LDG says on their website you don't need an
>RMA.
>> >
>> > I have gone ahead and ordered another brand tuner, sick of messing
>with it. Got a manual versa tuner which will handle the 200w.
>> >
>> > Anybody want to buy a 3 week old tuner?
>> >
>> > Bill
>> >
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>
>Yahoo! Groups Links
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Sent from my Android phone with K-9 Mail. Please excuse my brevity.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

6031. Re: [LDG-auto-tuners] Re: AT600PROII Continuously retunes

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-15 00:34:07 UTC
From: Jimmy (WB8NBI)
Topic: 6008 Message: 6031

I think you are right Mike.

DE Jimmy (WB8NBI)
-----Original Message-----
From: Michael Walker
Sent: Thursday, March 14, 2013 7:26 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] Re: AT600PROII Continuously retunes

Doesn't sound like a tuner issue.

Sounds like RF feedback.

Mike va3mw

On Thu, Mar 14, 2013 at 3:55 PM, <traceybo@...> wrote:

> **
>
>
> The antennas are both just standard wire dipoles, 80m is 64.5 feet on each
> leg, 40m is 33 feet each leg. Fed with RG8X, Kenwood TS-480, 200w.
> Antennas
> are 40 feet up. phenolic on the end, tied to paracord.
>
> The swr is really moving, if you key up in CW, the needle moves from 1.4
> to over 3.5 in about 10 seconds. Then it starts retuning. If you do that
> with the tuner in bypass, on a freguency where it swr is lower, say 2:1,
> it
> sits still, constant SWR.
>
> I am almost positive it is the tuner. My choices therefore are simply to
> sell it, I have only had it 3 weeks, Gigaparts won't take it back. Send it
> back, since LDG says on their website you don't need an RMA.
>
> I have gone ahead and ordered another brand tuner, sick of messing with
> it. Got a manual versa tuner which will handle the 200w.
>
> Anybody want to buy a 3 week old tuner?
>
> Bill
>
> --- In LDG-auto-tuners@yahoogroups.com, "roley_g3vir" <roland@...> wrote:
> >
> > I don't know what antenna you are using, however if you have some traps
> in are using capacitors this can be a symptom of the capacitor getting hot

> and changing value. I have had this in the past with my Butternut antenna.
> > Roley G3VIR
> >
> >
> > --- In LDG-auto-tuners@yahoogroups.com, "Leonard Pennock (AD7AS)"
> <leonardpennock@> wrote:
> > >
> > > Sounds like a bad connection or connector in your antenna system
> rather than a bad tuner.
> > >
> > > Leonard K. Pennock (AD7AS)
> > > Sent from my not so smart Win7 phone
> > >
> > > -----Original Message-----
> > > From: traceybo@
> > > Sent: 3/14/2013 7:19 AM
> > > To: LDG-auto-tuners@yahoogroups.com
> > > Subject: [LDG-auto-tuners] AT600PROII Continuously retunes
> > >
> > > I just got a new AT-600Proll and tried it on 2 different antennas,
> that work well but on different bands. What I am experiencing is the tuner
> goes through the tuning sequence, does tune a fairly low SWR, about 1.4 or
> so, but them if you transmit more than 5 seconds, the swr starts rising,
> and it retunes, and repeats over and over. Just won't stay in one place.
> The swr goes way up, from say 1.3 up over 3. I have an 80 meter dipole cut
> for CW, I am trying to use up high, 3.9 and a 40m dipole I am trying to
> use
> on 10m. For right now I am just running straight, because it swr is better
> bypassed.
> > >
> > > I figure something is loose, but since it is brand new, I am afraid to
> take the cover off, for fear of losing warranty. Or maybe I just am not
> understanding something. I tried to contact LDG via the website email last
> week, but haven't gotten a response. Today I just ordered another tuner,
> since I need one for a portable trip next week, and I can't return this
> one, but I am wondering if I should risk opening the thing or just send it
> back for repair.
> > >
> > > What does everyone think.
> > >
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> > > Yahoo! Groups Links
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> > > [Non-text portions of this message have been removed]
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Yahoo! Groups Links

6032. Re: AT600PROII Continuously retunes

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-15 01:01:41 UTC
From: traceybo@...
Topic: 6008 Message: 6032

Does it on two entirely different antennas with separate coax feeds. Swr is steady without tuner.
Thanks,
Bill

--- In LDG-auto-tuners@yahoogroups.com, Hank Greeb <n8xx@...> wrote:
>
> LDG typically answers within a few hours, so something must be amiss
> with the fellow who typically monitors this reflector.
>
> 72/73 de n8xx Hg
> QRP >99.44% of the time
>
> p.s. I'd guess it was RF getting into the tuner, if it were mine. Did
> you try replacing a jumper coax or connectors on your coax?
>
> On 3/14/2013 7:25 PM, Leonard K. Pennock (AD7AS) wrote:
> > Try calling. There are a lot of otherwise good companies that don't answer email.
> >
> > traceybo@... wrote:
> >
> >> If I open it, then there is no warranty. I thought about it, but I haven't been able to get an email reply from LDG, and I am afraid to.
> >>
> >> I just want out of this, I have a copy of my purchase receipt, say $100 off for someone that wants to mess with them.
> >>
> >> Very discouraging that they don't answer email.
> >>
> >> Bill
>
>
> [Non-text portions of this message have been removed]
>

6033. Re: [LDG-auto-tuners] Re: AT600PROII Continuously retunes

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-15 03:39:22 UTC
From: Michael Walker
Topic: 6008 Message: 6033

RF Feedback is a very fickle thing. You'll find that a basic analogue SWR meter is much less susceptible than those in the LDG tuners even with different feedline.

In one example I had with the mobile, I changed everything at least twice and I could not get 40M to tune correctly with the autotuner for the screwdriver antenna.

The moment I added chokes to the DC control lines and to the RF cables at both ends, all my problems ended. The designer of the antenna controller kept telling me the same thing I am passing on to you. I thought the auto controller was junk.

On a lark, after weeks of messing with it, I decided to listen to him. I spent about $10 on some RF chokes and it has worked perfectly ever since. Since then, I have added chokes to most feedlines in the house and the remote base (at both ends of the feedline) and my stations have never been so stable.

I can create your problem on my Windom at my house station by removing the chokes at the tuner end when I'm on 40M (I don't have a ground rode due to the station setup). The tuner hunts all over. When I put the chokes back on, the problems go away.

Rather than sell your AT600ProII, find some type 43 chokes and give it a try. I know that it seems like big pain in the a** to give this a shot, but I bet it solves your problems.

BTW, this is the article that also convinced me:
http://www.yccc.org/Articles/W1HIS/CommonModeChokesW1HIS2006Apr06.pdf.

My 2 cents anway,

73 de Mike va3mw

On Thu, Mar 14, 2013 at 9:01 PM, <traceybo@...> wrote:

> **
>
>
> Does it on two entirely different antennas with separate coax feeds. Swr
> is steady without tuner.
> Thanks,
> Bill
>
>
> --- In LDG-auto-tuners@yahoogroups.com, Hank Greeb <n8xx@...> wrote:

> >
> > LDG typically answers within a few hours, so something must be amiss
> > with the fellow who typically monitors this reflector.
> >
> > 72/73 de n8xx Hg
> > QRP >99.44% of the time
> >
> > p.s. I'd guess it was RF getting into the tuner, if it were mine. Did
> > you try replacing a jumper coax or connectors on your coax?
> >
> > On 3/14/2013 7:25 PM, Leonard K. Pennock (AD7AS) wrote:
> > > Try calling. There are a lot of otherwise good companies that don't
> answer email.
> > >
> > > traceybo@... wrote:
> > >
> > >> If I open it, then there is no warranty. I thought about it, but I
> haven't been able to get an email reply from LDG, and I am afraid to.
> > >>
> > >> I just want out of this, I have a copy of my purchase receipt, say
> $100 off for someone that wants to mess with them.
> > >>
> > >> Very discouraging that they don't answer email.
> > >>
> > >> Bill
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
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>
>

[Non-text portions of this message have been removed]

6034. Re: AT600PROII Continuously retunes

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-15 12:02:45 UTC
From: traceybo@...
Topic: 6008 Message: 6034

I am willing to try that, but it isn't just the retuning, the swr moves, not just on the bar graph, but on the Kenwood, and on an inline meter as well, yet no movement when the tuner is bypassed.

The sequence goes like this exactly, in case I am missing something.

Find empty freq, put Kenwood in cw mode, 20w power, tuner in bypass, key up, un tuned swr reads 3:1 on Kenwood, same on inline meter after tuner.
Take tuner out of Bypass
Hit function auto, key up in cw, tuner tunes right down to 1.3:1
Hit function auto again, to prevent retune
Turn power up on Kenwood to 200w
Key up Kenwood set in CW, after 3-4 seconds, swr on Kenwood starts rising, tuner swr rising, analog swr meter forward dropping, reverse rising. After about 8 seconds swr reads higher than 3:1

If I left the tuner in auto tune, it starts tuning again when you pass the threshold, about 1.7, and tunes again. I don't let that happen at 200w, but have let it at 100w. It will go on forever, finally never achieving a good tune.

With the tuner bypassed, the swr never moves more than .1 on the analog meter and the Kenwood doesn't show movement.

Perhaps that is a better description. It does seem like if I let it tune, and then never transmit but ssb, and very short intervals, the tune holds. Power seems to be what causes the problem, but I thought the tuner could handle 200w forever.

And the offer holds, I paid 359 at Gigaparts February 8th 2013, will take 250 and free shipping with copy of gigaparts receipt. As is of course. But not a scratch on it, original box and manuals intact.

Thanks,
Bill

--- In LDG-auto-tuners@yahoogroups.com, Michael Walker <va3mw@...> wrote:
>
> RF Feedback is a very fickle thing. You'll find that a basic analogue SWR
> meter is much less susceptible than those in the LDG tuners even with
> different feedline.
>
> In one example I had with the mobile, I changed everything at least twice
> and I could not get 40M to tune correctly with the autotuner for the
> screwdriver antenna.
>
> The moment I added chokes to the DC control lines and to the RF cables at
> both ends, all my problems ended. The designer of the antenna controller
> kept telling me the same thing I am passing on to you. I thought the auto

> controller was junk.
>
> On a lark, after weeks of messing with it, I decided to listen to him. I
> spent about $10 on some RF chokes and it has worked perfectly ever since.
> Since then, I have added chokes to most feedlines in the house and the
> remote base (at both ends of the feedline) and my stations have never been
> so stable.
>
> I can create your problem on my Windom at my house station by removing the
> chokes at the tuner end when I'm on 40M (I don't have a ground rode due to
> the station setup). The tuner hunts all over. When I put the chokes back
> on, the problems go away.
>
> Rather than sell your AT600ProII, find some type 43 chokes and give it a
> try. I know that it seems like big pain in the a** to give this a shot,
> but I bet it solves your problems.
>
> BTW, this is the article that also convinced me:
> http://www.yccc.org/Articles/W1HIS/CommonModeChokesW1HIS2006Apr06.pdf.
>
> My 2 cents anway,
>
> 73 de Mike va3mw
>
>
> On Thu, Mar 14, 2013 at 9:01 PM, <traceybo@...> wrote:
>
> > **
> > >
> > >
> > > Does it on two entirely different antennas with separate coax feeds. Swr
> > > is steady without tuner.
> > > Thanks,
> > > Bill
> > >
> > >
> > > --- In LDG-auto-tuners@yahoogroups.com, Hank Greeb <n8xx@> wrote:
> > > >
> > > > LDG typically answers within a few hours, so something must be amiss
> > > > with the fellow who typically monitors this reflector.
> > > >
> > > > 72/73 de n8xx Hg
> > > > QRP >99.44% of the time
> > > >
> > > > p.s. I'd guess it was RF getting into the tuner, if it were mine. Did
> > > > you try replacing a jumper coax or connectors on your coax?
> > > >
> > > > On 3/14/2013 7:25 PM, Leonard K. Pennock (AD7AS) wrote:
> > > > > Try calling. There are a lot of otherwise good companies that don't
> > > answer email.

> > > >
> > > > traceybo@ wrote:
> > > >
> > > >> If I open it, then there is no warranty. I thought about it, but I
> > haven't been able to get an email reply from LDG, and I am afraid to.
> > > >>
> > > >> I just want out of this, I have a copy of my purchase receipt, say
> > $100 off for someone that wants to mess with them.
> > > >>
> > > >> Very discouraging that they don't answer email.
> > > >>
> > > >> Bill
> > > >
> > > >
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> [Non-text portions of this message have been removed]
>

6035. Re: [LDG-auto-tuners] Re: AT600PROII Continuously retunes

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-14 22:09:35 UTC
From: Jim K5JG
Topic: 6008 Message: 6035

Don't know if you've already tried, but call them on the phone.

Whenever I've had to do that, I usually have to leave a message but they
have always returned my call.

73, Jim K5JG

traceybo@... wrote:
> If I open it, then there is no warranty. I thought about it, but I haven't been able to get an email reply from LDG, and I am afraid to.
>
> I just want out of this, I have a copy of my purchase receipt, say $100 off for someone that wants to mess with them.
>
> Very discouraging that they don't answer email.
>
> Bill
>
> --- In LDG-auto-tuners@yahoogroups.com, Charles Scott <cscott@...> wrote:
>> Bill:
>>
>> I hate to say it, but this doesn't sound good. Something in the path is
>> having a problem. Since it doesn't happen when the tuner is in bypass,
>> it has to be a relay contact, trace, solder connection, or component
>> inside the tuner.
>>
>> What does the tuner smell like? Have you opened it up to see if there's
>> anything obvious?
>>
>> Price?
>>
>> Chuck - N8DNX
>>
>>
>> On 3/14/2013 3:55 PM, traceybo@... wrote:
>>> The antennas are both just standard wire dipoles, 80m is 64.5 feet on each leg, 40m is 33 feet each leg. Fed with RG8X, Kenwood TS-480, 200w. Antennas are 40 feet up. phenolic on the end, tied to paracord.
>>>
>>> The swr is really moving, if you key up in CW, the needle moves from 1.4 to over 3.5 in about 10 seconds. Then it starts retuning. If you do that with the tuner in bypass, on a freguency where it swr is lower, say 2:1, it sits still, constant SWR.
>>>
>>> I am almost positive it is the tuner. My choices therefore are simply to sell it, I have only had it 3 weeks, Gigaparts won't take it back. Send it back, since LDG says on their website you don't need an RMA.

>>>
>>> I have gone ahead and ordered another brand tuner, sick of messing with it. Got a manual versa tuner which will handle the 200w.
>>>
>>> Anybody want to buy a 3 week old tuner?
>>>
>>> Bill
>>>
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> Yahoo! Groups Links
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6036. Yaesu tuning prorocol

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-15 13:10:18 UTC
From: k2lrv
Topic: 6036 Message: 6036

I have posted this question a couple of places, but seems nobody has done this. Has anyone ever reverse engineered the Yaesu tuning protocol used for their external tuners (i.e. FC-40).

I know that the LDGs will work fine in the Auto mode, but part of me would like to just be bale to push the tune button on either one and have it tune.

I have asked Yaesu tech support a couple of times and have gotten no response.

I have experimented a bit, and I have get my FT-950 to "think" there is a tuner present, but I assume there is must be some sort of handshaking that goes on because pressing the tune button does nothing.

6037. Re: [LDG-auto-tuners] Re: AT600PROII Continuously retunes

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-15 13:34:33 UTC
From: Keith Heimbold
Topic: 6008 Message: 6037

Mike,

Thanks for sending this email and attachment. I never realized the extent you can go to eliminate RF from a QTH. Great article. I have had an increase in noise emerge in my shack my cleaning up the shack and moving items around. It is pretty bizarre that by moving my power supplies, computers and monitors around my 20m noise went from S3/4 to S7/8. I am now hunting and trying all sorts of things. I think a strong program of ferrites like suggested in the article might save my bacon.

Thanks for sharing!

Keith
AK6ZZ

Sent from my iPhone please excuse typos

On Mar 14, 2013, at 8:39 PM, "Michael Walker" <va3mw@...> wrote:

> RF Feedback is a very fickle thing. You'll find that a basic analogue SWR
> meter is much less susceptible than those in the LDG tuners even with
> different feedline.
>
> In one example I had with the mobile, I changed everything at least twice
> and I could not get 40M to tune correctly with the autotuner for the
> screwdriver antenna.
>
> The moment I added chokes to the DC control lines and to the RF cables at
> both ends, all my problems ended. The designer of the antenna controller
> kept telling me the same thing I am passing on to you. I thought the auto
> controller was junk.
>
> On a lark, after weeks of messing with it, I decided to listen to him. I
> spent about $10 on some RF chokes and it has worked perfectly ever since.
> Since then, I have added chokes to most feedlines in the house and the
> remote base (at both ends of the feedline) and my stations have never been
> so stable.
>
> I can create your problem on my Windom at my house station by removing the
> chokes at the tuner end when I'm on 40M (I don't have a ground rode due to
> the station setup). The tuner hunts all over. When I put the chokes back
> on, the problems go away.
>
> Rather than sell your AT600ProII, find some type 43 chokes and give it a
> try. I know that it seems like big pain in the a** to give this a shot,
> but I bet it solves your problems.
>

> BTW, this is the article that also convinced me:
> http://www.yccc.org/Articles/W1HIS/CommonModeChokesW1HIS2006Apr06.pdf.
>
> My 2 cents anway,
>
> 73 de Mike va3mw
>
>
> On Thu, Mar 14, 2013 at 9:01 PM, <traceybo@...> wrote:
>
>> **
>>
>>
>> Does it on two entirely different antennas with separate coax feeds. Swr
>> is steady without tuner.
>> Thanks,
>> Bill
>>
>>
>> --- In LDG-auto-tuners@yahoogroups.com, Hank Greeb <n8xx@...> wrote:
>>>
>>> LDG typically answers within a few hours, so something must be amiss
>>> with the fellow who typically monitors this reflector.
>>>
>>> 72/73 de n8xx Hg
>>> QRP >99.44% of the time
>>>
>>> p.s. I'd guess it was RF getting into the tuner, if it were mine. Did
>>> you try replacing a jumper coax or connectors on your coax?
>>>
>>> On 3/14/2013 7:25 PM, Leonard K. Pennock (AD7AS) wrote:
>>>> Try calling. There are a lot of otherwise good companies that don't
>> answer email.
>>>>
>>>> traceybo@... wrote:
>>>>
>>>>> If I open it, then there is no warranty. I thought about it, but I
>> haven't been able to get an email reply from LDG, and I am afraid to.
>>>>>
>>>>> I just want out of this, I have a copy of my purchase receipt, say
>> $100 off for someone that wants to mess with them.
>>>>>
>>>>> Very discouraging that they don't answer email.
>>>>>
>>>>> Bill
>>>
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>>> [Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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6038. Re: [LDG-auto-tuners] Re: AT600PROII Continuously retunes

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-15 13:51:19 UTC
From: Charles Scott
Topic: 6008 Message: 6038

Keith:

Which tuner are you using? There is a problem with some that lets (should I say encourages) local noise that comes in on power and control lines to be coupled into the RF path inside the tuner. Your symptoms are exactly as expected for that.

Chuck - N8DNX

On 3/15/2013 9:34 AM, Keith Heimbold wrote:
> Mike,
>
> Thanks for sending this email and attachment. I never realized the extent you can go to eliminate RF from a QTH. Great article. I have had an increase in noise emerge in my shack my cleaning up the shack and moving items around. It is pretty bizarre that by moving my power supplies, computers and monitors around my 20m noise went from S3/4 to S7/8. I am now hunting and trying all sorts of things. I think a strong program of ferrites like suggested in the article might save my bacon.
>
> Thanks for sharing!
>
> Keith
> AK6ZZ

6039. Re: [LDG-auto-tuners] Re: AT600PROII Continuously retunes

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-15 13:54:45 UTC
From: Charles Scott
Topic: 6008 Message: 6039

Bill and All:

It's exactly because of the symptom that SWR starts low and begins rising only when the tuner is not in bypass and has a tuning solution at low power that this is clearly not a stray RF problem and why I believe it's an internal problem with the tuner.

Chuck - N8DNX

On 3/15/2013 8:02 AM, traceybo@... wrote:
> Key up Kenwood set in CW, after 3-4 seconds, swr on Kenwood starts rising, tuner swr rising, analog swr meter forward dropping, reverse rising. After about 8 seconds swr reads higher than 3:1
>

6040. Re: [LDG-auto-tuners] Re: AT600PROII Continuously retunes

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-15 13:53:57 UTC
From: Keith Heimbold
Topic: 6008 Message: 6040

Chuck,

I use the LDG 1000AT with a Ameritron 811h and also an autotuner that is internal to the SPE 1K.

Keith
AK6ZZ

Sent from my iPhone please excuse typos

On Mar 15, 2013, at 6:51 AM, "Charles Scott" <cscott@...> wrote:

> Keith:
>
> Which tuner are you using? There is a problem with some that lets
> (should I say encourages) local noise that comes in on power and control
> lines to be coupled into the RF path inside the tuner. Your symptoms are
> exactly as expected for that.
>
> Chuck - N8DNX
>
> On 3/15/2013 9:34 AM, Keith Heimbold wrote:
> > Mike,
> >
> > Thanks for sending this email and attachment. I never realized the extent you can go to eliminate RF from a QTH. Great article. I have had an increase in noise emerge in my shack my cleaning up the shack and moving items around. It is pretty bizarre that by moving my power supplies, computers and monitors around my 20m noise went from S3/4 to S7/8. I am now hunting and trying all sorts of things. I think a strong program of ferrites like suggested in the article might save my bacon.
> >
> > Thanks for sharing!
> >
> > Keith
> > AK6ZZ
>
>

[Non-text portions of this message have been removed]

6041. Re: [LDG-auto-tuners] Re: AT600PROII Continuously retunes

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-15 14:51:11 UTC
From: Charles Scott
Topic: 6008 Message: 6041

Keith:

Here's what I know, but I'm not sure right off how it relates to the 1000AT.

We have several LDG tuners being used in Emergency Operations Centers where there are significant noise sources inside the building. We were having significant problems with noise that would exceed S-9. While testing our equipment from one EOC on my bench for other reasons I happened to remove the power cable from the tuner while in receive mode with the tuner bypassed and noticed that the noise immediately dropped several S-Units. That should have had no effect on noise level.

On inspection of the tuner I noticed that there are separate ground areas on the board for the control circuits and RF circuits. These are tied together with jumpers that have a ferrite choke over them. This provides a DC connection between the ground planes but isolates the two sections for RF. I also noticed that the control section, which of course includes all of the relay coil connections is intermingled with the RF components and circuitry. The problem with this is that noise that will naturally be coupled (common-mode) onto the power and control lines to the tuner from local sources can then be coupled into the RF section components and traces due to their proximity.

We replaced the choked jumpers with straps to tie the two board sections together for RF as well as DC establishing a common ground plane for the entire tuner. This essentially eliminated the noise being coupled in from the power and control lines and attaching or removing the power cable no longer had any effect on noise level.

I've seen this configuration on a number of LDG tuners and frankly never understood the reasoning. I've also seen LDG tuners where the power input has no bypassing for noise near where it enters the chassis. Since your symptoms are exactly what would be expected with this problem I suspect your tuner suffers for the same reason. So, you might want to simply try disconnecting the power and control cables from your tuner while it's in bypass mode to see what the noise difference is in your receiver. If much of the noise goes away, take a look inside to see if it's build that way.

Chuck - N8DNX

On 3/15/2013 9:53 AM, Keith Heimbold wrote:
> Chuck,
>
> I use the LDG 1000AT with a Ameritron 811h and also an autotuner that is internal to the SPE 1K.

> ....
>> ...
>> I have had an increase in noise emerge in my shack my cleaning up the
>> shack and moving items around. It is pretty bizarre that by moving my
>> power supplies, computers and monitors around my 20m noise went from
>> S3/4 to S7/8.

6042. Re: AT600PROII Continuously retunes

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-15 16:38:58 UTC
From: traceybo@...
Topic: 6008 Message: 6042

Well, that is what I was thinking, but I was afraid it was something I was doing wrong. I have never used an automatic antenna tuner before. This has me scared off.

If it wasn't for the trip next week, I would just send it in for repair. I have a simple manual tuner on the way from Gigaparts. Still looking at automatics, tried to order an MFJ-993B, but MFJ out of stock, and if I order from a dealer, and it doesn't work, they won't take it back.

The lure of an automatic for use in a car or airplane is great, but not sure the promise is going to work out.

Thanks Charles.

Bill

--- In LDG-auto-tuners@yahoogroups.com, Charles Scott <cscott@...> wrote:
>
> Bill and All:
>
> It's exactly because of the symptom that SWR starts low and begins
> rising only when the tuner is not in bypass and has a tuning solution at
> low power that this is clearly not a stray RF problem and why I believe
> it's an internal problem with the tuner.
>
> Chuck - N8DNX
>
> On 3/15/2013 8:02 AM, traceybo@... wrote:
> > Key up Kenwood set in CW, after 3-4 seconds, swr on Kenwood starts rising, tuner swr rising, analog swr meter forward dropping, reverse rising. After about 8 seconds swr reads higher than 3:1
> >
>

6043. Re: AT600PROII Continuously retunes

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-15 19:23:28 UTC
From: Dwayne
Topic: 6008 Message: 6043

Bill,

We have never received an e-mail or message from you. Did you try the direct address listed on the web or in the manual? It does not say that phone support takes 5 days. It says that any support is usually less than 5 working days.

We have never said that if you open the tuner, you void the warranty.

Sounds like RF getting into the power supply ground to me. Depending on the supply used, a couple of snap on chokes on the DC power lead would probably fix it.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, traceybo@... wrote:
>
> Yes, they have a website contact option, say that is the best way, phone calls take up to 5 days. I put in the captcha code thing and all. Nothing, tomorrow make a week.
>
> --- In LDG-auto-tuners@yahoogroups.com, "Bill Aycock" <billaycock@> wrote:
> >
> > Bill--
> > You say you sent them an eMail? How does the users manual say to get in
> > touch with them? Do they have a web site, with a "Contact Us" option?
> > Bill--W4BSG
> >
> > -----Original Message-----
> > From: traceybo@
> > Sent: Thursday, March 14, 2013 5:00 PM
> > To: LDG-auto-tuners@yahoogroups.com
> > Subject: [LDG-auto-tuners] Re: AT600PROII Continuously retunes
> >
> > If I open it, then there is no warranty. I thought about it, but I haven't
> > been able to get an email reply from LDG, and I am afraid to.
> >
> > I just want out of this, I have a copy of my purchase receipt, say $100 off
> > for someone that wants to mess with them.
> >
> > Very discouraging that they don't answer email.
> >
> > Bill
> >
> > --- In LDG-auto-tuners@yahoogroups.com, Charles Scott <cscott@> wrote:
> > >
> > > Bill:
> > >

> > > I hate to say it, but this doesn't sound good. Something in the path is
> > > having a problem. Since it doesn't happen when the tuner is in bypass,
> > > it has to be a relay contact, trace, solder connection, or component
> > > inside the tuner.
> > >
> > > What does the tuner smell like? Have you opened it up to see if there's
> > > anything obvious?
> > >
> > > Price?
> > >
> > > Chuck - N8DNX
> > >
> > >
> > > On 3/14/2013 3:55 PM, traceybo@ wrote:
> > > > The antennas are both just standard wire dipoles, 80m is 64.5 feet on
> > > > each leg, 40m is 33 feet each leg. Fed with RG8X, Kenwood TS-480, 200w.
> > > > Antennas are 40 feet up. phenolic on the end, tied to paracord.
> > > >
> > > > The swr is really moving, if you key up in CW, the needle moves from 1.4
> > > > to over 3.5 in about 10 seconds. Then it starts retuning. If you do that
> > > > with the tuner in bypass, on a freguency where it swr is lower, say 2:1,
> > > > it sits still, constant SWR.
> > > >
> > > > I am almost positive it is the tuner. My choices therefore are simply to
> > > > sell it, I have only had it 3 weeks, Gigaparts won't take it back. Send
> > > > it back, since LDG says on their website you don't need an RMA.
> > > >
> > > > I have gone ahead and ordered another brand tuner, sick of messing with
> > > > it. Got a manual versa tuner which will handle the 200w.
> > > >
> > > > Anybody want to buy a 3 week old tuner?
> > > >
> > > > Bill
> > > >
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> > Yahoo! Groups Links
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6044. Re: AT600PROII Continuously retunes

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-15 20:45:24 UTC
From: traceybo@...
Topic: 6008 Message: 6044

Hi, thanks for responding. Actually I got the link to this site off your website.

I went to the support page last Friday, and it said to use the form, which I did. I used a gmail address, that started with billnancy as the reply. I filled in the captcha stuff. The website says to email, and that usually takes less than 5 days. It doesn't say how long phone takes, but says phone is the "slowest method."

I must say, I ASSumed opening would void the warranty, most people say that. Really wanted to do that. I will now in hopes of spotting something simple.

I only have one larger snap choke, I got with a tarheel 2, which I can put on the power lead. I don't know how these things work, but since the relays are not clicking when the swr is changing, I must admit to not listening closely to another members thoughts on power supply filtering. I have never experienced this type of problem on manual tuners, so I didn't think that would work. I have the one choke, and I will install it.

I still don't understand, if the algorithm uses relays to switch in and out values of C and L, how does the swr move after the switching is complete. Is the power supply doing something else?

Because I was on such a time line, and felt the form on the web page was the required support method, and since I received no errors there, I felt impatient, therefore I called Mike at Gigaparts, who couldn't suggest much, but was sympathetic, and ordered a manual tuner. I still want an automatic tuner.

I am sorry if some website glitch caused you not to receive my email, I probably should have just sent regular email rather than use the webpage.

Bill

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
> Bill,
>
> We have never received an e-mail or message from you. Did you try the direct address listed on the web or in the manual? It does not say that phone support takes 5 days. It says that any support is usually less than 5 working days.
>
> We have never said that if you open the tuner, you void the warranty.
>
> Sounds like RF getting into the power supply ground to me. Depending on the supply used, a couple of snap on chokes on the DC power lead would probably fix it.
>
>
> Dwayne Kincaid
> LDG
>

> --- In LDG-auto-tuners@yahoogroups.com, traceybo@ wrote:
> >
> > Yes, they have a website contact option, say that is the best way, phone calls take up to 5 days. I put in the captcha code thing and all. Nothing, tomorrow make a week.
> >
> > --- In LDG-auto-tuners@yahoogroups.com, "Bill Aycock" <billaycock@> wrote:
> > >
> > > Bill--
> > > You say you sent them an eMail? How does the users manual say to get in
> > > touch with them? Do they have a web site, with a "Contact Us" option?
> > > Bill--W4BSG
> > >
> > > -----Original Message-----
> > > From: traceybo@
> > > Sent: Thursday, March 14, 2013 5:00 PM
> > > To: LDG-auto-tuners@yahoogroups.com
> > > Subject: [LDG-auto-tuners] Re: AT600PROII Continuously retunes
> > >
> > > If I open it, then there is no warranty. I thought about it, but I haven't
> > > been able to get an email reply from LDG, and I am afraid to.
> > >
> > > I just want out of this, I have a copy of my purchase receipt, say $100 off
> > > for someone that wants to mess with them.
> > >
> > > Very discouraging that they don't answer email.
> > >
> > > Bill
> > >
> > > --- In LDG-auto-tuners@yahoogroups.com, Charles Scott <cscott@> wrote:
> > > >
> > > > Bill:
> > > >
> > > > I hate to say it, but this doesn't sound good. Something in the path is
> > > > having a problem. Since it doesn't happen when the tuner is in bypass,
> > > > it has to be a relay contact, trace, solder connection, or component
> > > > inside the tuner.
> > > >
> > > > What does the tuner smell like? Have you opened it up to see if there's
> > > > anything obvious?
> > > >
> > > > Price?
> > > >
> > > > Chuck - N8DNX
> > > >
> > > >
> > > > On 3/14/2013 3:55 PM, traceybo@ wrote:
> > > > > The antennas are both just standard wire dipoles, 80m is 64.5 feet on
> > > > > each leg, 40m is 33 feet each leg. Fed with RG8X, Kenwood TS-480, 200w.
> > > > > Antennas are 40 feet up. phenolic on the end, tied to paracord.
> > > > >

> > > > > The swr is really moving, if you key up in CW, the needle moves from 1.4
> > > > > to over 3.5 in about 10 seconds. Then it starts retuning. If you do that
> > > > > with the tuner in bypass, on a freguency where it swr is lower, say 2:1,
> > > > > it sits still, constant SWR.
> > > > > >
> > > > > I am almost positive it is the tuner. My choices therefore are simply to
> > > > > sell it, I have only had it 3 weeks, Gigaparts won't take it back. Send
> > > > > it back, since LDG says on their website you don't need an RMA.
> > > > > >
> > > > > I have gone ahead and ordered another brand tuner, sick of messing with
> > > > > it. Got a manual versa tuner which will handle the 200w.
> > > > > >
> > > > > Anybody want to buy a 3 week old tuner?
> > > > > >
> > > > > Bill
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> > > Yahoo! Groups Links
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6045. Re: [LDG-auto-tuners] Re: AT600PROII Continuously retunes

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-15 22:08:36 UTC
From: Bill Aycock
Topic: 6008 Message: 6045

This confirms my suspicion, that the original post to LDG was flawed.
Dwayne provides the best support I know of.
Bill--W4BSG

-----Original Message-----
From: Dwayne
Sent: Friday, March 15, 2013 2:23 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: AT600PROII Continuously retunes

Bill,

We have never received an e-mail or message from you. Did you try the direct address listed on the web or in the manual? It does not say that phone support takes 5 days. It says that any support is usually less than 5 working days.

We have never said that if you open the tuner, you void the warranty.

Sounds like RF getting into the power supply ground to me. Depending on the supply used, a couple of snap on chokes on the DC power lead would probably fix it.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, traceybo@... wrote:
>
> Yes, they have a website contact option, say that is the best way, phone
> calls take up to 5 days. I put in the captcha code thing and all. Nothing,
> tomorrow make a week.
>
> --- In LDG-auto-tuners@yahoogroups.com, "Bill Aycock" <billaycock@> wrote:
> >
> > Bill--
> > You say you sent them an eMail? How does the users manual say to get in
> > touch with them? Do they have a web site, with a "Contact Us" option?
> > Bill--W4BSG
> >
> > -----Original Message-----
> > From: traceybo@
> > Sent: Thursday, March 14, 2013 5:00 PM
> > To: LDG-auto-tuners@yahoogroups.com
> > Subject: [LDG-auto-tuners] Re: AT600PROII Continuously retunes
> >
> > If I open it, then there is no warranty. I thought about it, but I
> > haven't

> > been able to get an email reply from LDG, and I am afraid to.
> >
> > I just want out of this, I have a copy of my purchase receipt, say $100
> > off
> > for someone that wants to mess with them.
> >
> > Very discouraging that they don't answer email.
> >
> > Bill
> >
> > --- In LDG-auto-tuners@yahoogroups.com, Charles Scott <cscott@> wrote:
> > >
> > > Bill:
> > >
> > > I hate to say it, but this doesn't sound good. Something in the path
> > > is
> > > having a problem. Since it doesn't happen when the tuner is in bypass,
> > > it has to be a relay contact, trace, solder connection, or component
> > > inside the tuner.
> > >
> > > What does the tuner smell like? Have you opened it up to see if
> > > there's
> > > anything obvious?
> > >
> > > Price?
> > >
> > > Chuck - N8DNX
> > >
> > >
> > > On 3/14/2013 3:55 PM, traceybo@ wrote:
> > > > The antennas are both just standard wire dipoles, 80m is 64.5 feet
> > > > on
> > > > each leg, 40m is 33 feet each leg. Fed with RG8X, Kenwood TS-480,
> > > > 200w.
> > > > Antennas are 40 feet up. phenolic on the end, tied to paracord.
> > > >
> > > > The swr is really moving, if you key up in CW, the needle moves from
> > > > 1.4
> > > > to over 3.5 in about 10 seconds. Then it starts retuning. If you do
> > > > that
> > > > with the tuner in bypass, on a freguency where it swr is lower, say
> > > > 2:1,
> > > > it sits still, constant SWR.
> > > >
> > > > I am almost positive it is the tuner. My choices therefore are
> > > > simply to
> > > > sell it, I have only had it 3 weeks, Gigaparts won't take it back.
> > > > Send
> > > > it back, since LDG says on their website you don't need an RMA.
> > > >

> > > > I have gone ahead and ordered another brand tuner, sick of messing
> > > > with
> > > > it. Got a manual versa tuner which will handle the 200w.
> > > >
> > > > Anybody want to buy a 3 week old tuner?
> > > >
> > > > Bill
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> > Yahoo! Groups Links
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Yahoo! Groups Links

6046. Re: MFJ-993B tuner... was AT600PROII Continuously retunes

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-16 06:01:13 UTC
From: Ken
Topic: 6008 Message: 6046

The MFJ-993B is a nice tuner but heads up on the one common problem it and some similar models have.. The power switch will fail.. It is a very cheap poor quality switch. We have a thread going on this in another group. Mine never lasted a year. Some users reported changing the switch several times. When you contact MFJ and finally get a response, they sent you an envelope with several replacement switches.. no note, on comments.. just the switches. We've come to the conclusion it is best to not use the power switch, turn the power on/off with your station power bar. If the switch has failed, jumper the switch (bypass), if you don't want to opt in to the cycle of replacing switches and take the chance of causing other problem in the process. You have to remove the front control panel to get at the switch.

I was also disappointed to find that neither the analog or bar graph meters have a provision for indicating power in PEP watts.

My MFJ-993B is still on the sick list.. waiting a few weeks until the WX warms up a bit more. My work shop is in my big shed and takes too long to warm up in the winter.. hi.. My 2 LDG Z11Pro tuners are working fine and keeping me on the air. ..

73 - Ken - VE5KC
- MM Hamsoft - http://hamsoft.ca
- VE5KC - http://ham-radio.ca
- Amateur Radio Link - http://amateur-radio.ca

--- In LDG-auto-tuners@yahoogroups.com, traceybo@... wrote:
>
> Well, that is what I was thinking, but I was afraid it was something I was doing wrong. I have never used an automatic antenna tuner before. This has me scared off.
>
> If it wasn't for the trip next week, I would just send it in for repair. I have a simple manual tuner on the way from Gigaparts. Still looking at automatics, tried to order an MFJ-993B, but MFJ out of stock, and if I order from a dealer, and it doesn't work, they won't take it back.
>
> The lure of an automatic for use in a car or airplane is great, but not sure the promise is going to work out.
>
> Thanks Charles.
>
> Bill
>

6047. AT-200Pro weird response ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-17 02:21:01 UTC
From: nekmail@verizon.net
Topic: 6047 Message: 6047

I've just noticed that when I tune (most notable in the CW section of 40m)my multi-band dipole that the SWR bars will light up at 3.0 Over for a split second longer. When I tune the same frequency on my Butternut H69V it might ramp up to 1.3 and that is about it, but gets tuned to 1.1 ..

When I hit the tune button for the 2nd time it will do similar (ramp up over 3.0), but usually by the 3rd tune press it synches in without any 3.0/over display.

I've checked both antennas with my RigExpert AA-54 and all is in very good shape/tuning there.

I'm wondering if there might be a sticky relay that is occasionally giving fits in the AT-200Pro Autotuner ??

Any thoughts from the group?

73,

Nolan Kienitz
KI5IO
Plano,TX

6048. Re: AT600PROII Continuously retunes

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-17 06:14:40 UTC
From: Bruce
Topic: 6008 Message: 6048

Bill, I've sent you a couple of emails to see if I can buy your AT600PROII. I do not know if you have gotten my emails or not. I wasn't sure if the email address you have on this site is correct or not.

Bruce KG6JIY
--- In LDG-auto-tuners@yahoogroups.com, traceybo@... wrote:
>
> Well, that is what I was thinking, but I was afraid it was something I was doing wrong. I have never used an automatic antenna tuner before. This has me scared off.
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> If it wasn't for the trip next week, I would just send it in for repair. I have a simple manual tuner on the way from Gigaparts. Still looking at automatics, tried to order an MFJ-993B, but MFJ out of stock, and if I order from a dealer, and it doesn't work, they won't take it back.
>
> The lure of an automatic for use in a car or airplane is great, but not sure the promise is going to work out.
>
> Thanks Charles.
>
> Bill
>
> --- In LDG-auto-tuners@yahoogroups.com, Charles Scott <cscott@> wrote:
> >
> > Bill and All:
> >
> > It's exactly because of the symptom that SWR starts low and begins
> > rising only when the tuner is not in bypass and has a tuning solution at
> > low power that this is clearly not a stray RF problem and why I believe
> > it's an internal problem with the tuner.
> >
> > Chuck - N8DNX
> >
> > On 3/15/2013 8:02 AM, traceybo@ wrote:
> > > Key up Kenwood set in CW, after 3-4 seconds, swr on Kenwood starts rising, tuner swr rising, analog swr meter forward dropping, reverse rising. After about 8 seconds swr reads higher than 3:1
> > >
> >
>

6049. Re: AT600PROII Continuously retunes

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-17 20:01:25 UTC
From: traceybo@...
Topic: 6008 Message: 6049

Dwayne,

I opened the unit, did not see anything obvious. I did not raise the circuit board, just looked for anything burnt of loose.

I did put the snap choke on the power supply lead(s). No change. I changed from a Jetstream 45a supply running everything, to a pair of Kenwood KPS15's, no change. If you can, please suggest something else.

Thanks,
Bill

--- In LDG-auto-tuners@yahoogroups.com, traceybo@... wrote:
>
> Hi, thanks for responding. Actually I got the link to this site off your website.
>
> I went to the support page last Friday, and it said to use the form, which I did. I used a gmail address, that started with billnancy as the reply. I filled in the captcha stuff. The website says to email, and that usually takes less than 5 days. It doesn't say how long phone takes, but says phone is the "slowest method."
>
> I must say, I ASSumed opening would void the warranty, most people say that. Really wanted to do that. I will now in hopes of spotting something simple.
>
> I only have one larger snap choke, I got with a tarheel 2, which I can put on the power lead. I don't know how these things work, but since the relays are not clicking when the swr is changing, I must admit to not listening closely to another members thoughts on power supply filtering. I have never experienced this type of problem on manual tuners, so I didn't think that would work. I have the one choke, and I will install it.
>
> I still don't understand, if the algorithm uses relays to switch in and out values of C and L, how does the swr move after the switching is complete. Is the power supply doing something else?
>
> Because I was on such a time line, and felt the form on the web page was the required support method, and since I received no errors there, I felt impatient, therefore I called Mike at Gigaparts, who couldn't suggest much, but was sympathetic, and ordered a manual tuner. I still want an automatic tuner.
>
> I am sorry if some website glitch caused you not to receive my email, I probably should have just sent regular email rather than use the webpage.
>
> Bill
>
> --- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@> wrote:
> >

> > Bill,
> >
> > We have never received an e-mail or message from you. Did you try the direct address listed on the web or in the manual? It does not say that phone support takes 5 days. It says that any support is usually less than 5 working days.
> >
> > We have never said that if you open the tuner, you void the warranty.
> >
> > Sounds like RF getting into the power supply ground to me. Depending on the supply used, a couple of snap on chokes on the DC power lead would probably fix it.
> >
> >
> > Dwayne Kincaid
> > LDG
> >
> > --- In LDG-auto-tuners@yahoogroups.com, traceybo@ wrote:
> > >
> > > Yes, they have a website contact option, say that is the best way, phone calls take up to 5 days. I put in the captcha code thing and all. Nothing, tomorrow make a week.
> > >
> > > --- In LDG-auto-tuners@yahoogroups.com, "Bill Aycock" <billaycock@> wrote:
> > > >
> > > > Bill--
> > > > You say you sent them an eMail? How does the users manual say to get in
> > > > touch with them? Do they have a web site, with a "Contact Us" option?
> > > > Bill--W4BSG
> > > >
> > > > -----Original Message-----
> > > > From: traceybo@
> > > > Sent: Thursday, March 14, 2013 5:00 PM
> > > > To: LDG-auto-tuners@yahoogroups.com
> > > > Subject: [LDG-auto-tuners] Re: AT600PROII Continuously retunes
> > > >
> > > > If I open it, then there is no warranty. I thought about it, but I haven't
> > > > been able to get an email reply from LDG, and I am afraid to.
> > > >
> > > > I just want out of this, I have a copy of my purchase receipt, say $100 off
> > > > for someone that wants to mess with them.
> > > >
> > > > Very discouraging that they don't answer email.
> > > >
> > > > Bill
> > > >
> > > > --- In LDG-auto-tuners@yahoogroups.com, Charles Scott <cscott@> wrote:
> > > > >
> > > > > Bill:
> > > > >
> > > > > I hate to say it, but this doesn't sound good. Something in the path is
> > > > > having a problem. Since it doesn't happen when the tuner is in bypass,
> > > > > it has to be a relay contact, trace, solder connection, or component

> > > > > inside the tuner.
> > > > >
> > > > > What does the tuner smell like? Have you opened it up to see if there's
> > > > > anything obvious?
> > > > >
> > > > > Price?
> > > > >
> > > > > Chuck - N8DNX
> > > > >
> > > > >
> > > > > On 3/14/2013 3:55 PM, traceybo@ wrote:
> > > > > > The antennas are both just standard wire dipoles, 80m is 64.5 feet on
> > > > > > each leg, 40m is 33 feet each leg. Fed with RG8X, Kenwood TS-480, 200w.
> > > > > > Antennas are 40 feet up. phenolic on the end, tied to paracord.
> > > > > >
> > > > > > The swr is really moving, if you key up in CW, the needle moves from 1.4
> > > > > > to over 3.5 in about 10 seconds. Then it starts retuning. If you do that
> > > > > > with the tuner in bypass, on a freguency where it swr is lower, say 2:1,
> > > > > > it sits still, constant SWR.
> > > > > >
> > > > > > I am almost positive it is the tuner. My choices therefore are simply to
> > > > > > sell it, I have only had it 3 weeks, Gigaparts won't take it back. Send
> > > > > > it back, since LDG says on their website you don't need an RMA.
> > > > > >
> > > > > > I have gone ahead and ordered another brand tuner, sick of messing with
> > > > > > it. Got a manual versa tuner which will handle the 200w.
> > > > > >
> > > > > > Anybody want to buy a 3 week old tuner?
> > > > > >
> > > > > > Bill
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> > > > > >
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> > > > > Yahoo! Groups Links
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6050. Re: AT600PROII Continuously retunes

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-17 20:05:27 UTC
From: traceybo@...
Topic: 6008 Message: 6050

I'm sorry, yes I received them. I was just about to move that direction, and then Dwayne suggested some things. Nothing seems to work so far, I need to solve it soon, or I will be selling it for sure. Of course I hate to lose over 100 bucks on the deal, but hassle factor is high, and I might yet go that route.

--- In LDG-auto-tuners@yahoogroups.com, "Bruce" <hbmarcott@...> wrote:
>
>
> Bill, I've sent you a couple of emails to see if I can buy your AT600PROII. I do not know if you have gotten my emails or not. I wasn't sure if the email address you have on this site is correct or not.
>
> Bruce KG6JIY
> --- In LDG-auto-tuners@yahoogroups.com, traceybo@ wrote:
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> > Well, that is what I was thinking, but I was afraid it was something I was doing wrong. I have never used an automatic antenna tuner before. This has me scared off.
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> > The lure of an automatic for use in a car or airplane is great, but not sure the promise is going to work out.
> >
> > Thanks Charles.
> >
> > Bill
> >
> > --- In LDG-auto-tuners@yahoogroups.com, Charles Scott <cscott@> wrote:
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> > > Bill and All:
> > >
> > > It's exactly because of the symptom that SWR starts low and begins
> > > rising only when the tuner is not in bypass and has a tuning solution at
> > > low power that this is clearly not a stray RF problem and why I believe
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> > > Chuck - N8DNX
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> > > On 3/15/2013 8:02 AM, traceybo@ wrote:
> > > > Key up Kenwood set in CW, after 3-4 seconds, swr on Kenwood starts rising, tuner swr rising, analog swr meter forward dropping, reverse rising. After about 8 seconds swr reads higher than 3:1

> > > >
> > >
> >
>

6051. Re: AT600PROII Continuously retunes

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-17 20:23:54 UTC
From: traceybo@...
Topic: 6008 Message: 6051

I tried a couple of other things, I used the Jetstream for the radio, and then one of the Kenwood supplies for the tuner, with the snap choke. That didn't work either.

Everything works fine at 10 or 20 watts, but when I turn the power up to 200, the swr starts changing. At 100w, it takes longer before it starts changing.

--- In LDG-auto-tuners@yahoogroups.com, traceybo@... wrote:
>
> Dwayne,
>
> I opened the unit, did not see anything obvious. I did not raise the circuit board, just looked for anything burnt of loose.
>
> I did put the snap choke on the power supply lead(s). No change. I changed from a Jetstream 45a supply running everything, to a pair of Kenwood KPS15's, no change. If you can, please suggest something else.
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> Thanks,
> Bill
>
> --- In LDG-auto-tuners@yahoogroups.com, traceybo@ wrote:
> >
> > Hi, thanks for responding. Actually I got the link to this site off your website.
> >
> > I went to the support page last Friday, and it said to use the form, which I did. I used a gmail address, that started with billnancy as the reply. I filled in the captcha stuff. The website says to email, and that usually takes less than 5 days. It doesn't say how long phone takes, but says phone is the "slowest method."
> >
> > I must say, I ASSumed opening would void the warranty, most people say that. Really wanted to do that. I will now in hopes of spotting something simple.
> >
> > I only have one larger snap choke, I got with a tarheel 2, which I can put on the power lead. I don't know how these things work, but since the relays are not clicking when the swr is changing, I must admit to not listening closely to another members thoughts on power supply filtering. I have never experienced this type of problem on manual tuners, so I didn't think that would work. I have the one choke, and I will install it.
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> > I still don't understand, if the algorithm uses relays to switch in and out values of C and L, how does the swr move after the switching is complete. Is the power supply doing something else?
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> > Because I was on such a time line, and felt the form on the web page was the required support method, and since I received no errors there, I felt impatient, therefore I called Mike at Gigaparts, who couldn't suggest much, but was sympathetic, and ordered a manual

tuner. I still want an automatic tuner.
> >
> > I am sorry if some website glitch caused you not to receive my email, I probably should have just sent regular email rather than use the webpage.
> >
> > Bill
> >
> > --- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@> wrote:
> > >
> > > Bill,
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> > > We have never received an e-mail or message from you. Did you try the direct address listed on the web or in the manual? It does not say that phone support takes 5 days. It says that any support is usually less than 5 working days.
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> > > We have never said that if you open the tuner, you void the warranty.
> > >
> > > Sounds like RF getting into the power supply ground to me. Depending on the supply used, a couple of snap on chokes on the DC power lead would probably fix it.
> > >
> > >
> > > Dwayne Kincaid
> > > LDG
> > >
> > > --- In LDG-auto-tuners@yahoogroups.com, traceybo@ wrote:
> > > >
> > > > Yes, they have a website contact option, say that is the best way, phone calls take up to 5 days. I put in the captcha code thing and all. Nothing, tomorrow make a week.
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> > > > --- In LDG-auto-tuners@yahoogroups.com, "Bill Aycock" <billaycock@> wrote:
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> > > > > Bill--
> > > > > You say you sent them an eMail? How does the users manual say to get in
> > > > > touch with them? Do they have a web site, with a "Contact Us" option?
> > > > > Bill--W4BSG
> > > > >
> > > > > -----Original Message-----
> > > > > From: traceybo@
> > > > > Sent: Thursday, March 14, 2013 5:00 PM
> > > > > To: LDG-auto-tuners@yahoogroups.com
> > > > > Subject: [LDG-auto-tuners] Re: AT600PROII Continuously retunes
> > > > >
> > > > > If I open it, then there is no warranty. I thought about it, but I haven't
> > > > > been able to get an email reply from LDG, and I am afraid to.
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> > > > > I just want out of this, I have a copy of my purchase receipt, say $100 off
> > > > > for someone that wants to mess with them.
> > > > >
> > > > > Very discouraging that they don't answer email.
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> > > > > Bill

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> > > > > --- In LDG-auto-tuners@yahoogroups.com, Charles Scott <cscott@> wrote:
> > > > > >
> > > > > > Bill:
> > > > > >
> > > > > > I hate to say it, but this doesn't sound good. Something in the path is
> > > > > > having a problem. Since it doesn't happen when the tuner is in bypass,
> > > > > > it has to be a relay contact, trace, solder connection, or component
> > > > > > inside the tuner.
> > > > > >
> > > > > > What does the tuner smell like? Have you opened it up to see if there's
> > > > > > anything obvious?
> > > > > >
> > > > > > Price?
> > > > > >
> > > > > > Chuck - N8DNX
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> > > > > >
> > > > > > On 3/14/2013 3:55 PM, traceybo@ wrote:
> > > > > > > The antennas are both just standard wire dipoles, 80m is 64.5 feet on
> > > > > > > each leg, 40m is 33 feet each leg. Fed with RG8X, Kenwood TS-480, 200w.
> > > > > > > Antennas are 40 feet up. phenolic on the end, tied to paracord.
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> > > > > > > The swr is really moving, if you key up in CW, the needle moves from 1.4
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> > > > > > > I have gone ahead and ordered another brand tuner, sick of messing with
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> > > > > > Yahoo! Groups Links
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6052. Re: [LDG-auto-tuners] Re: AT600PROII Continuously retunes

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-17 21:10:28 UTC
From: Mike Connors
Topic: 6008 Message: 6052

There is probably stray RF in the shack that is sending spirous currents down the coax toward the tuner. Try making a coaxial balun/choke out of RG-58 and insert it between the tuner and the antenna inside of the radio room. Take a 10" long piece of 1" pvc and tightly wrap 29 turns of the coax around the pvc. I did this with my Z-11Pro II and it immediately fixed the problem.

Good luck,

Mike, NA5SS

From: "traceybo@..." <traceybo@...>
To: LDG-auto-tuners@yahoogroups.com
Sent: Sunday, March 17, 2013 2:23 PM
Subject: [LDG-auto-tuners] Re: AT600PROII Continuously retunes

I tried a couple of other things, I used the Jetstream for the radio, and then one of the Kenwood supplies for the tuner, with the snap choke. That didn't work either.

Everything works fine at 10 or 20 watts, but when I turn the power up to 200, the swr starts changing. At 100w, it takes longer before it starts changing.

--- In LDG-auto-tuners@yahoogroups.com, traceybo@... wrote:
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> Dwayne,
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> I opened the unit, did not see anything obvious. I did not raise the circuit board, just looked for anything burnt of loose.
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> I did put the snap choke on the power supply lead(s). No change. I changed from a Jetstream 45a supply running everything, to a pair of Kenwood KPS15's, no change. If you can, please suggest something else.
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> Thanks,
> Bill
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> --- In LDG-auto-tuners@yahoogroups.com, traceybo@ wrote:
> >
> > Hi, thanks for responding. Actually I got the link to this site off your website.
> >
> > I went to the support page last Friday, and it said to use the form, which I did. I used a gmail address, that started with billnancy as the reply. I filled in the captcha stuff. The website says to email, and that usually takes less than 5 days. It doesn't say how long phone takes, but says phone is the "slowest method."
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> > I must say, I ASSumed opening would void the warranty, most people say that. Really

wanted to do that. I will now in hopes of spotting something simple.
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> >
> > I am sorry if some website glitch caused you not to receive my email, I probably should have just sent regular email rather than use the webpage.
> >
> > Bill
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> > --- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@> wrote:
> > >
> > > Bill,
> > >
> > > We have never received an e-mail or message from you. Did you try the direct address listed on the web or in the manual? It does not say that phone support takes 5 days. It says that any support is usually less than 5 working days.
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> > > > --- In LDG-auto-tuners@yahoogroups.com, "Bill Aycock" <billaycock@> wrote:
> > > > >
> > > > > Bill--
> > > > > You say you sent them an eMail? How does the users manual say to get in
> > > > > touch with them? Do they have a web site, with a "Contact Us" option?
> > > > > Bill--W4BSG
> > > > >

> > > > > -----Original Message-----
> > > > > From: traceybo@
> > > > > Sent: Thursday, March 14, 2013 5:00 PM
> > > > > To: LDG-auto-tuners@yahoogroups.com
> > > > > Subject: [LDG-auto-tuners] Re: AT600PROII Continuously retunes
> > > > >
> > > > > If I open it, then there is no warranty. I thought about it, but I haven't
> > > > > been able to get an email reply from LDG, and I am afraid to.
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> > > > > I just want out of this, I have a copy of my purchase receipt, say $100 off
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> > > > > --- In LDG-auto-tuners@yahoogroups.com, Charles Scott <cscott@> wrote:
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> > > > > > Bill:
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> > > > > > What does the tuner smell like? Have you opened it up to see if there's
> > > > > > anything obvious?
> > > > > >
> > > > > > Price?
> > > > > >
> > > > > > Chuck - N8DNX
> > > > > >
> > > > > >
> > > > > > On 3/14/2013 3:55 PM, traceybo@ wrote:
> > > > > > > The antennas are both just standard wire dipoles, 80m is 64.5 feet on
> > > > > > > each leg, 40m is 33 feet each leg. Fed with RG8X, Kenwood TS-480, 200w.
> > > > > > > Antennas are 40 feet up. phenolic on the end, tied to paracord.
> > > > > > >
> > > > > > > The swr is really moving, if you key up in CW, the needle moves from 1.4
> > > > > > > to over 3.5 in about 10 seconds. Then it starts retuning. If you do that
> > > > > > > with the tuner in bypass, on a freguency where it swr is lower, say 2:1,
> > > > > > > it sits still, constant SWR.
> > > > > > >
> > > > > > > I am almost positive it is the tuner. My choices therefore are simply to
> > > > > > > sell it, I have only had it 3 weeks, Gigaparts won't take it back. Send
> > > > > > > it back, since LDG says on their website you don't need an RMA.
> > > > > > >
> > > > > > > I have gone ahead and ordered another brand tuner, sick of messing with
> > > > > > > it. Got a manual versa tuner which will handle the 200w.
> > > > > > >

> > > > > > > Anybody want to buy a 3 week old tuner?
> > > > > > > >
> > > > > > > > Bill
> > > > > > > > >
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Yahoo! Groups Links

[Non-text portions of this message have been removed]

6053. Re: AT600PROII Continuously retunes

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-17 21:16:31 UTC
From: na5ss
Topic: 6008 Message: 6053

There are pictures posted under my callsign in the photos folder of yahoogroups.

--- In LDG-auto-tuners@yahoogroups.com, Mike Connors <na5ss@...> wrote:
>
> There is probably stray RF in the shack that is sending spurious currents going down the coax toward the tuner. Try making a coaxial balun/choke out of RG-58 and insert it between the tuner and the antenna inside of the radio room. Take a 10" long piece of 1" pvc and tightly wrap 29 turns of the coax around the pvc. I did this with my Z-11Pro II and it immediately fixed the problem.
>
> Good luck,
>
> Mike, NA5SS
>
>
>
>
> _____
> From: "traceybo@..." <traceybo@...>
> To: LDG-auto-tuners@yahoogroups.com
> Sent: Sunday, March 17, 2013 2:23 PM
> Subject: [LDG-auto-tuners] Re: AT600PROII Continuously retunes
>
> I tried a couple of other things, I used the Jetstream for the radio, and then one of the Kenwood supplies for the tuner, with the snap choke. That didn't work either.
>
> Everything works fine at 10 or 20 watts, but when I turn the power up to 200, the swr starts changing. At 100w, it takes longer before it starts changing.
>
> --- In LDG-auto-tuners@yahoogroups.com, traceybo@ wrote:
> >
> > Dwayne,
> >
> > I opened the unit, did not see anything obvious. I did not raise the circuit board, just looked for anything burnt of loose.
> >
> > I did put the snap choke on the power supply lead(s). No change. I changed from a Jetstream 45a supply running everything, to a pair of Kenwood KPS15's, no change. If you can, please suggest something else.
> >
> > Thanks,
> > Bill
> >
> > --- In LDG-auto-tuners@yahoogroups.com, traceybo@ wrote:
> > >

> > > Hi, thanks for responding. Actually I got the link to this site off your website.
> > >
> > > I went to the support page last Friday, and it said to use the form, which I did. I used a gmail address, that started with billnancy as the reply. I filled in the captcha stuff. The website says to email, and that usually takes less than 5 days. It doesn't say how long phone takes, but says phone is the "slowest method."
> > >
> > > I must say, I ASSumed opening would void the warranty, most people say that. Really wanted to do that. I will now in hopes of spotting something simple.
> > >
> > > I only have one larger snap choke, I got with a tarheel 2, which I can put on the power lead. I don't know how these things work, but since the relays are not clicking when the swr is changing, I must admit to not listening closely to another members thoughts on power supply filtering. I have never experienced this type of problem on manual tuners, so I didn't think that would work. I have the one choke, and I will install it.
> > >
> > > I still don't understand, if the algorithm uses relays to switch in and out values of C and L, how does the swr move after the switching is complete. Is the power supply doing something else?
> > >
> > > Because I was on such a time line, and felt the form on the web page was the required support method, and since I received no errors there, I felt impatient, therefore I called Mike at Gigaparts, who couldn't suggest much, but was sympathetic, and ordered a manual tuner. I still want an automatic tuner.
> > >
> > > I am sorry if some website glitch caused you not to receive my email, I probably should have just sent regular email rather than use the webpage.
> > >
> > > Bill
> > >
> > > --- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@> wrote:
> > > >
> > > > Bill,
> > > >
> > > > We have never received an e-mail or message from you. Did you try the direct address listed on the web or in the manual? It does not say that phone support takes 5 days. It says that any support is usually less than 5 working days.
> > > >
> > > > We have never said that if you open the tuner, you void the warranty.
> > > >
> > > > Sounds like RF getting into the power supply ground to me. Depending on the supply used, a couple of snap on chokes on the DC power lead would probably fix it.
> > > >
> > > >
> > > > Dwayne Kincaid
> > > > LDG
> > > >
> > > > --- In LDG-auto-tuners@yahoogroups.com, traceybo@ wrote:
> > > > >
> > > > > Yes, they have a website contact option, say that is the best way, phone calls

take up to 5 days. I put in the captcha code thing and all. Nothing, tomorrow make a week.
> > > > >
> > > > > --- In LDG-auto-tuners@yahoogroups.com, "Bill Aycock" <billaycock@> wrote:
> > > > > >
> > > > > > Bill--
> > > > > > You say you sent them an eMail? How does the users manual say to get in
> > > > > > touch with them? Do they have a web site, with a "Contact Us" option?
> > > > > > Bill--W4BSG
> > > > > >
> > > > > > -----Original Message-----
> > > > > > From: traceybo@
> > > > > > Sent: Thursday, March 14, 2013 5:00 PM
> > > > > > To: LDG-auto-tuners@yahoogroups.com
> > > > > > Subject: [LDG-auto-tuners] Re: AT600PROII Continuously retunes
> > > > > >
> > > > > > If I open it, then there is no warranty. I thought about it, but I haven't
> > > > > > been able to get an email reply from LDG, and I am afraid to.
> > > > > >
> > > > > > I just want out of this, I have a copy of my purchase receipt, say $100 off
> > > > > > for someone that wants to mess with them.
> > > > > >
> > > > > > Very discouraging that they don't answer email.
> > > > > >
> > > > > > Bill
> > > > > >
> > > > > > --- In LDG-auto-tuners@yahoogroups.com, Charles Scott <cscott@> wrote:
> > > > > > >
> > > > > > > Bill:
> > > > > > >
> > > > > > > I hate to say it, but this doesn't sound good. Something in the path is
> > > > > > > having a problem. Since it doesn't happen when the tuner is in bypass,
> > > > > > > it has to be a relay contact, trace, solder connection, or component
> > > > > > > inside the tuner.
> > > > > > >
> > > > > > > What does the tuner smell like? Have you opened it up to see if there's
> > > > > > > anything obvious?
> > > > > > >
> > > > > > > Price?
> > > > > > >
> > > > > > > Chuck - N8DNX
> > > > > > >
> > > > > > >
> > > > > > > On 3/14/2013 3:55 PM, traceybo@ wrote:
> > > > > > > > The antennas are both just standard wire dipoles, 80m is 64.5 feet on
> > > > > > > > each leg, 40m is 33 feet each leg. Fed with RG8X, Kenwood TS-480, 200w.
> > > > > > > > Antennas are 40 feet up. phenolic on the end, tied to paracord.
> > > > > > > >
> > > > > > > > The swr is really moving, if you key up in CW, the needle moves from 1.4
> > > > > > > > to over 3.5 in about 10 seconds. Then it starts retuning. If you do that
> > > > > > > > with the tuner in bypass, on a freguency where it swr is lower, say 2:1,
> > > > > > > > it sits still, constant SWR.

> > > > > > > >
> > > > > > > > > I am almost positive it is the tuner. My choices therefore are simply to
> > > > > > > > > sell it, I have only had it 3 weeks, Gigaparts won't take it back. Send
> > > > > > > > > it back, since LDG says on their website you don't need an RMA.
> > > > > > > > >
> > > > > > > > > I have gone ahead and ordered another brand tuner, sick of messing with
> > > > > > > > > it. Got a manual versa tuner which will handle the 200w.
> > > > > > > > >
> > > > > > > > > Anybody want to buy a 3 week old tuner?
> > > > > > > > >
> > > > > > > > > Bill
> > > > > > > > >
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> [Non-text portions of this message have been removed]
>

6054. Re: [LDG-auto-tuners] Re: AT600PROII Continuously retunes

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-17 21:15:54 UTC
From: Hank Greeb
Topic: 6008 Message: 6054

Bill;

Let me throw an "oar" into this water.

Since the "erratic behaviour" you describe is power dependent, it really, truly, almost absolutely seems to me that you are experiencing RF feedback from somewhere. To me this means that you have RF on the outside of your coax, which is getting into the innards of your tuner. The RF can come from faults in the coax, poor grounding, stray pickup from your antenna to the AC wiring in your house, or coming through the control cables from your rig to the tuner (if that is needed for operation of the AT-600).

Have you tried your tuner in someone else's hamshack where the other person successfully runs 200 watts or more with an identical or similar tuner? That's the only "conclusive" way to be sure that your tuner is functioning correctly or that it has an internal defect.

I personally know that with the cheep jumpers made from poor quality RG-58 and "almost obviously inferior connectors" which I purchased from Rat Shack, that running 90 to 100 watts is sometimes problematical with my Z-100, but it works flawlessly when I run 5 to 10 watts. Since I generally run 5 watts or less, I haven't invested in good quality jumpers. However, a friend who runs 1.5 KW tells me that he needs to have >130 dB isolation in his shack to prevent weird RF problems, so he uses the very highest quality coax and fittings, and from the amplifiers to the ATU's and thence to the antennae he uses type "N" fittings.

I don't recall exactly where I saw a comparison of "standard, run of the mill" coax and connectors vs "contest grade" fittings, but the differences were surprising to me, since I had never considered the need for 130+ dB isolation between the inside of coax and the outside. Some of the "garden variety" jumper cables provided considerably less that 100 dB isolation. Perhaps someone here in this forum can provide the reference. It "probably" was in either the National Contest Journal because the article was about multi-multi contest stations, and "probably" was in the past two years.

72/73 de n8xx Hg
QRP >99.44% of the time

On 3/17/2013 4:23 PM, traceybo@... wrote:
> I tried a couple of other things, I used the Jetstream for the radio, and then one of the Kenwood supplies for the tuner, with the snap choke. That didn't work either.
>
> Everything works fine at 10 or 20 watts, but when I turn the power up to 200, the swr starts changing. At 100w, it takes longer before it starts changing.

>
> --- In LDG-auto-tuners@yahoogroups.com, traceybo@... wrote:
>> Dwayne,
>>
>> I opened the unit, did not see anything obvious. I did not raise the circuit board, just looked for anything burnt of loose.
>>
>> I did put the snap choke on the power supply lead(s). No change. I changed from a Jetstream 45a supply running everything, to a pair of Kenwood KPS15's, no change. If you can, please suggest something else.
>>
>> Thanks,
>> Bill
>>
>> --- In LDG-auto-tuners@yahoogroups.com, traceybo@ wrote:
>>> Hi, thanks for responding. Actually I got the link to this site off your website.
>>>
>>> I went to the support page last Friday, and it said to use the form, which I did. I used a gmail address, that started with billnancy as the reply. I filled in the captcha stuff. The website says to email, and that usually takes less than 5 days. It doesn't say how long phone takes, but says phone is the "slowest method."
>>>
>>> I must say, I ASSumed opening would void the warranty, most people say that. Really wanted to do that. I will now in hopes of spotting something simple.
>>>
>>> I only have one larger snap choke, I got with a tarheel 2, which I can put on the power lead. I don't know how these things work, but since the relays are not clicking when the swr is changing, I must admit to not listening closely to another members thoughts on power supply filtering. I have never experienced this type of problem on manual tuners, so I didn't think that would work. I have the one choke, and I will install it.
>>>
>>> I still don't understand, if the algorithm uses relays to switch in and out values of C and L, how does the swr move after the switching is complete. Is the power supply doing something else?
>>>
>>> Because I was on such a time line, and felt the form on the web page was the required support method, and since I received no errors there, I felt impatient, therefore I called Mike at Gigaparts, who couldn't suggest much, but was sympathetic, and ordered a manual tuner. I still want an automatic tuner.
>>>
>>> I am sorry if some website glitch caused you not to receive my email, I probably should have just sent regular email rather than use the webpage.
>>>
>>> Bill
>>>
>>> --- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@> wrote:
>>>> Bill,
>>>>
>>>> We have never received an e-mail or message from you. Did you try the direct address listed on the web or in the manual? It does not say that phone support takes 5 days. It

says that any support is usually less than 5 working days.
>>>>
>>>> We have never said that if you open the tuner, you void the warranty.
>>>>
>>>> Sounds like RF getting into the power supply ground to me. Depending on the supply used, a couple of snap on chokes on the DC power lead would probably fix it.
>>>>
>>>>
>>>> Dwayne Kincaid
>>>> LDG

[Non-text portions of this message have been removed]

6055. Re: AT600PROII Continuously retunes

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-17 21:44:33 UTC
From: davebb123456
Topic: 6008 Message: 6055

hi have you tested the tuner with a 50ohm load to see if it still retunes,
i did have a mfj tuner that did this and it was a dry solder joint on one of the inductors
THANKS DAVE 2E0DMB

6056. Re: [LDG-auto-tuners] Re: AT600PROII Continuously retunes

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-18 00:17:45 UTC
From: Furliips Stardust
Topic: 6008 Message: 6056

As I had posted previously under "And other weirdness"

I run 100 watts with a Z100 Pro II. It was working just fine.
It developed an issue where it would constantly want to retune.

So I thought about "What changed here? What wasn't here when it was working correctly?"

The thing that changed was a HP all-in-one copier I bought used. I put a choke on the USB cable at the PC side and the problem went away.

Conclusion.... RF can get in anywhere and cause a problem, it's not JUST the power lead to the tuner.

Jeff-1.0
wa6fwi

[Non-text portions of this message have been removed]

6057. Re: [LDG-auto-tuners] Re: AT600PROII Continuously retunes

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-18 02:14:26 UTC
From: Michael Walker
Topic: 6008 Message: 6057

Jeff is correct. One of the items discussed in the YCCC document and common mode currents was that you need some hi impedance at both ends of the feedline and power leads.

Stray RF is a pain to sort out, but there are many excellent solutions that have described here.

There is no guarantee that your problem will go away with a different make of tuner. While it might seem to disappear, it may be a different trade off.

Good luck

Mike va3mw

On Sun, Mar 17, 2013 at 8:17 PM, Furliips Stardust <grendelair@...>wrote:

> **
>
>
> As I had posted previously under "And other weirdness"
>
> I run 100 watts with a Z100 Pro II. It was working just fine.
> It developed an issue where it would constantly want to retune.
>
> So I thought about "What changed here? What wasn't here when it was
> working correctly?"
>
> The thing that changed was a HP all-in-one copier I bought used. I put a
> choke on the USB cable at the PC side and the problem went away.
>
> Conclusion.... RF can get in anywhere and cause a problem, it's not JUST
> the power lead to the tuner.
>
> Jeff-1.0
> wa6fwi
>
>
> [Non-text portions of this message have been removed]
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>

[Non-text portions of this message have been removed]

6058. Re: [LDG-auto-tuners] Re: AT600PROII Continuously retunes

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-18 02:45:46 UTC
From: Furliips Stardust
Topic: 6008 Message: 6058

And it can be in some of the stranger places.

When I first put my station back on the air 2 years ago, I would add equipment and see what happened.
One of the stranger items was adding the "ground buss" behind and to the right of the station.
3/4" copper pipe with brass 10-32 screws soldered in every 18" to tie the equipment together.
Just setting the pipe behind the station upset things. After I tied everyone to the pipe it calmed down until the next iteration of strangeness.
Adding a PC to the mix set off an entire new round of "now what?"
Keying the transmitter would temporarily freeze the mouse. 4-5 times until the PC locked up entirely. A ferrite snap-around choke on the mouse solved that.

Short answer: "How many cables do you have connecting everything together? Each one of them is liable to be a problem."

It works both ways too. Back at my radio shop in Los Angeles I was plagued with noise at 25 KHz intervals on every HF radio I listened to.
When I moved to Texas it followed me. Again, "What changed and what is the same?" It turned out to be the Panasonic PBX for the phones.

Jeff-1.0
wa6fwi

From: Michael Walker <va3mw@...t>

Stray RF is a pain to sort out, but there are many excellent solutions that have described here.

[Non-text portions of this message have been removed]

6059. Re: AT600PROII Continuously retunes

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-18 13:23:56 UTC
From: mcyman
Topic: 6008 Message: 6059

Hello BILL,

IN an effort to solve your issue, this suggestion is very very important for you to do!
So far I have not seen a post that you tried this test? Suggested by
DAVE 2E0DMB

Also are you a HAM? I have not seen your call sign posted in this forum? Please post you Call Sign and location, maybe a Ham nearby can assist you with your issue!!

hi have you tested the tuner with a 50ohm load to see if it still retunes,
i did have a mfj tuner that did this and it was a dry solder joint on one of the inductors
THANKS DAVE 2E0DMB

73 Rob N8RT

--- In LDG-auto-tuners@yahoogroups.com, traceybo@... wrote:
>
> Well, that is what I was thinking, but I was afraid it was something I was doing wrong. I have never used an automatic antenna tuner before. This has me scared off.
>
> If it wasn't for the trip next week, I would just send it in for repair. I have a simple manual tuner on the way from Gigaparts. Still looking at automatics, tried to order an MFJ-993B, but MFJ out of stock, and if I order from a dealer, and it doesn't work, they won't take it back.
>
> The lure of an automatic for use in a car or airplane is great, but not sure the promise is going to work out.
>
> Thanks Charles.
>
> Bill
>
> --- In LDG-auto-tuners@yahoogroups.com, Charles Scott <cscott@> wrote:
> >
> > Bill and All:
> >
> > It's exactly because of the symptom that SWR starts low and begins
> > rising only when the tuner is not in bypass and has a tuning solution at
> > low power that this is clearly not a stray RF problem and why I believe
> > it's an internal problem with the tuner.
> >
> > Chuck - N8DNX
> >
> > On 3/15/2013 8:02 AM, traceybo@ wrote:
> > > Key up Kenwood set in CW, after 3-4 seconds, swr on Kenwood starts rising, tuner swr rising, analog swr meter forward dropping, reverse rising. After about 8 seconds swr reads

higher than 3:1
> > >
> >
>

6060. Re: [LDG-auto-tuners] Re: AT600PROII Continuously retunes

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-18 14:35:37 UTC
From: Charles Scott
Topic: 6008 Message: 6060

All:

I think it's important to listen to the symptoms being reported. The key symptom, assuming he is reporting it as it really happens, is that the SWR ramps up as long as the transmitter is keyed. Higher power causes that to happen faster. I also believe he said the SWR is showing increasing on the meter on the radio. If not, that would be a critical piece of information.

This is not a symptom of stray RF. It's a symptom of something heating. Since this doesn't happen when the tuner is bypassed, it's very likely to be a problem inside the tuner. There is the odd chance that he's been testing it with an antenna that requires an odd tuning solution that's stressing a particular part of the tuner, but that didn't seem to be the case from what he was describing.

Since it's possible it's a particular part, path or relay, it may behave fine on other frequencies or with other loads, but that may not mean the tuner is OK.

In this case, if there's no visible indication of heating at any of the PC board connections or components, the thing to do would be to measure contact resistance through the relay contacts, but NO and NC connections. That means you need to get in there an cause each relay to pull in to test all the contacts.

Again, I don't see how the symptoms are related to stray RF. Simply throwing suggestions at a problem randomly is not really helpful.

Chuck

6061. Re: [LDG-auto-tuners] Re: AT600PROII Continuously retunes

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-18 14:48:31 UTC
From: Michael Walker
Topic: 6008 Message: 6061

Hi Chuck

It could be an intermittent in the antenna or even the balun. A crack in the balun (if there is one), may contribute. Do we even know that the antenna is or what frequencies it happens at? 40M tends to be the worse.

I'm not convinced this is not an RF as I have seen the same symptoms in my station with a Windom and AT1000Pro even at the 100 watt level.

We also don't have a full topology of the system setup, so that could be a contributing factor. Grounds, ground straps, ground resistance, inferior jumper cables, etc.

Sadly, we likely will never know the real cause.

Mike va3mw

On Mon, Mar 18, 2013 at 10:35 AM, Charles Scott <cscott@gaslightmedia.com>wrote:

> **
>
>
> All:
>
> I think it's important to listen to the symptoms being reported. The key
> symptom, assuming he is reporting it as it really happens, is that the
> SWR ramps up as long as the transmitter is keyed. Higher power causes
> that to happen faster. I also believe he said the SWR is showing
> increasing on the meter on the radio. If not, that would be a critical
> piece of information.
>
> This is not a symptom of stray RF. It's a symptom of something heating.
> Since this doesn't happen when the tuner is bypassed, it's very likely
> to be a problem inside the tuner. There is the odd chance that he's been
> testing it with an antenna that requires an odd tuning solution that's
> stressing a particular part of the tuner, but that didn't seem to be the
> case from what he was describing.
>
> Since it's possible it's a particular part, path or relay, it may behave
> fine on other frequencies or with other loads, but that may not mean the
> tuner is OK.
>
> In this case, if there's no visible indication of heating at any of the
> PC board connections or components, the thing to do would be to measure
> contact resistance through the relay contacts, but NO and NC
> connections. That means you need to get in there an cause each relay to
> pull in to test all the contacts.

>
> Again, I don't see how the symptoms are related to stray RF. Simply
> throwing suggestions at a problem randomly is not really helpful.
>
> Chuck
>
>
>

[Non-text portions of this message have been removed]

6062. Re: [LDG-auto-tuners] Re: AT600PROII Continuously retunes

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-18 15:03:46 UTC
From: Charles Scott
Topic: 6008 Message: 6062

Mike:

Again, we have to follow the symptoms reported. The problem does not exist with the tuner bypassed. This seems to exclude problems with the antenna. Stray RF issues happen more erratically and do not "ramp up" so to speak.

It would be nice to actually be there to see first hand what's going on. Short of that we have to try to help the person by what they're reporting.

Chuck

On 3/18/2013 10:48 AM, Michael Walker wrote:
> Hi Chuck
>
> It could be an intermittent in the antenna or even the balun. A crack in
> the balun (if there is one), may contribute. Do we even know that the
> antenna is or what frequencies it happens at? 40M tends to be the worse.
>
> I'm not convinced this is not an RF as I have seen the same symptoms in my
> station with a Windom and AT1000Pro even at the 100 watt level.
>
> We also don't have a full topology of the system setup, so that could be a
> contributing factor. Grounds, ground straps, ground resistance, inferior
> jumper cables, etc.
>
> Sadly, we likely will never know the real cause.
>
> Mike va3mw
>
>
>
>
> On Mon, Mar 18, 2013 at 10:35 AM, Charles Scott <cscott@...>wrote:
>
>> **
>>
>>
>> All:
>>
>> I think it's important to listen to the symptoms being reported. The key
>> symptom, assuming he is reporting it as it really happens, is that the
>> SWR ramps up as long as the transmitter is keyed. Higher power causes
>> that to happen faster. I also believe he said the SWR is showing
>> increasing on the meter on the radio. If not, that would be a critical
>> piece of information.

>>
>> This is not a symptom of stray RF. It's a symptom of something heating.
>> Since this doesn't happen when the tuner is bypassed, it's very likely
>> to be a problem inside the tuner. There is the odd chance that he's been
>> testing it with an antenna that requires an odd tuning solution that's
>> stressing a particular part of the tuner, but that didn't seem to be the
>> case from what he was describing.
>>
>> Since it's possible it's a particular part, path or relay, it may behave
>> fine on other frequencies or with other loads, but that may not mean the
>> tuner is OK.
>>
>> In this case, if there's no visible indication of heating at any of the
>> PC board connections or components, the thing to do would be to measure
>> contact resistance through the relay contacts, but NO and NC
>> connections. That means you need to get in there an cause each relay to
>> pull in to test all the contacts.
>>
>> Again, I don't see how the symptoms are related to stray RF. Simply
>> throwing suggestions at a problem randomly is not really helpful.
>>
>> Chuck
>>
>>
>>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>
>

6065. Re: AT600PROII Continuously retunes

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-18 23:18:43 UTC
From: Jonathan Helis KB5IAV
Topic: 6008 Message: 6065

I've had a problem with my Z11 Pre constantly retuning itself. I'd get the SWR down to 1:1 and sometimes during a QSO, it would try to retune itself. In fact, if I keyed up my 2meter handheld, which is not conncted to the tuner, it would sometimes retune.

I put the tuner in manual mode, so it only tunes when I push the button. That was the only workaround I could find that would solve the problem.

--
73,

Jonathan Helis, KB5IAV
Baton Rouge, Louisiana, U.S.A.

6066. Resistor information

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-19 01:36:05 UTC
From: n4qwf
Topic: 6066 Message: 6066

I have transmitted to much power into my AT-100 Pro II. There is a resistor that is completely destroyed. I need to know the value and power rating if anyone can help. It is on the board next to the coil labeled T1 that the lead from the antenna input connector passes through. It does not have a number on the board that I can see. It might have been under the resistor but that is no longer readable. The board is version AT-100 Pro II V1.1

Any help would be appreciated. Thanks << John

6067. Re: Resistor information

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-19 06:31:05 UTC
From: Dwayne
Topic: 6066 Message: 6067

John,

It's a 150 ohm, 1/2 watt, non-inductive resistor.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "n4qwf" <n4qwf1@...> wrote:
>
> I have transmitted to much power into my AT-100 Pro II. There is a resistor that is completely destroyed. I need to know the value and power rating if anyone can help. It is on the board next to the coil labeled T1 that the lead from the antenna input connector passes through. It does not have a number on the board that I can see. It might have been under the resistor but that is no longer readable. The board is version AT-100 Pro II V1.1
>
> Any help would be appreciated. Thanks << John
>

6068. Re: [LDG-auto-tuners] Re: AT600PROII Continuously retunes

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-19 07:20:20 UTC
From: John Parkins
Topic: 6008 Message: 6068

Hello,

I think this 'edited' comment says a lot:

Monday, March 18, 2013, 3:49:08 PM, you wrote:

tyc> second floor, but good ground to stake run outside.

--
Best regards,
John G8KVP mailto:kvp@...

6069. Re: [LDG-auto-tuners] Re: AT600PROII Continuously retunes

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-19 15:46:05 UTC
From: Michael Walker
Topic: 6008 Message: 6069

Ah,

His ground is not a ground, but a radiator. I bet it is about a 1/4 wave on 40m.

I operated out of a 2nd floor before, and I had to NOT have a ground to solve some problems.

MFJ used to have a device that was used to tune your ground bus.

Mike va3mw

On Tue, Mar 19, 2013 at 3:20 AM, John Parkins <john@...> wrote:

> **
>
>
> Hello,
>
> I think this 'edited' comment says a lot:
>
> Monday, March 18, 2013, 3:49:08 PM, you wrote:
>
> tyc> second floor, but good ground to stake run outside.
>
> --
> Best regards,
> John G8KVP mailto:kvp@...
>
>
>

[Non-text portions of this message have been removed]

6070. Re: AT600PROII Continuously retunes

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-20 12:57:02 UTC
From: traburgess1945
Topic: 6008 Message: 6070

They do, here it is: http://www.mfjenterprises.com/Product.php?productid=MFJ-931

Travis
K5HTB

--- In LDG-auto-tuners@yahoogroups.com, Michael Walker <va3mw@...> wrote:
>
> Ah,
>
> His ground is not a ground, but a radiator. I bet it is about a 1/4 wave
> on 40m.
>
> I operated out of a 2nd floor before, and I had to NOT have a ground to
> solve some problems.
>
> MFJ used to have a device that was used to tune your ground bus.
>
> Mike va3mw
>
>
> On Tue, Mar 19, 2013 at 3:20 AM, John Parkins <john@...> wrote:
>
> > **
> > >
> > >
> > > Hello,
> > >
> > > I think this 'edited' comment says a lot:
> > >
> > > Monday, March 18, 2013, 3:49:08 PM, you wrote:
> > >
> > > tyc> second floor, but good ground to stake run outside.
> > >
> > > --
> > > Best regards,
> > > John G8KVP mailto:kvp@...
> > >
> > >
> > >
>
>
> [Non-text portions of this message have been removed]
>

6071. Re: Interface to Alinco DX-SR8

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-20 20:25:58 UTC
From: brad_ka3yan
Topic: 5960 Message: 6071

Dwayne,

What's interesting is that I was able to interface my DX-SR8T to an Icom AH-2 remote autotuner. It worked fine. Shouldn't any AH-x compatible tuner work the same?

Brad KA3YAN

--- In LDG-auto-tuners@...m, "Dwayne" <ldgyahoo@...> wrote:
>
> Paul,
>
> The SR8T has a different protocol than the other Alinco radios. So there are no current LDG tuners that will interface to it.
>
> This is somewhat noted on our Alinco interface cable page: http://www.ldgelectronics.com/c/252/products/19/54/1
>
> Dwayne Kincaid
> LDG
>
> --- In LDG-auto-tuners@yahoogroups.com, "W3FIS" <deadgoose@> wrote:
> >
> > Has anyone interfaced the LDG Z-100 Plus to the Alinco DX-SR8?? Other than the usual "manual" tune with the LDG.
> >
> > 73 /paul W3FIS
> >
>

6072. LDG Customer Service

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-20 22:07:39 UTC
From: kdwb6343
Topic: 738 Message: 6072

Just wanted to express my appreciation for the Excellent customer service provided by LDG recently.

I bought a new AT-1000Pro II a couple of weeks ago and had a little difficulty getting it to work with my station setup. Read the manual, watched the videos . . . still not working as I expected it to.

Dwayne jumped in and (via email) walked me through all the setup and connection procedures, asked questions about my specific station, and made some recommendations. That solved the problems for the most part, but Dwayne was still not quite happy with my situation. He decided I needed an upgrade to a later version controller chip. He said it would go out early the following week and that I should expect it a few days after that.

Instead, Two days later, it showed up in my mailbox. I removed the tuner's cover, put in the new chip, and re-installed the tuner. From the first button push on, everything worked perfectly.

I've seen poor or uncaring customer service from companies and really don't understand that. LDG wasn't satisfied with my tuner working mostly right. Dwayne kept at it until we had it working exactly right.

LDG,both product and service-wise, is at the top of the heap.

Many Thanks to a great company!

73-

Joe Veras, K9OCO

6073. AT 1000Pro-II, lots of RF noise???

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-20 22:48:25 UTC
From: toyota_mdt_tech
Topic: 6073 Message: 6073

OK, purchased this tuner to handle the power from my new Ameritron AL80B 1KW amplifier. But when the tuner is on, it creates so much RF on my radio (Icom IC-746) so I took it out of line and installed my fairly new MFJ-993B back in and its whisper quiet.

Anyone else have lots of noise? I turn the power o ff tot he tuner, quiets right up.

6074. Re: [LDG-auto-tuners] AT 1000Pro-II, lots of RF noise???

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-21 15:17:58 UTC
From: doug pfaff
Topic: 6073 Message: 6074

Time to talk to Dwayne at LDG forward your e-mail to him on this forum.

Doug ve5dcp

----- Original Message -----
From: toyota_mdt_tech
To: LDG-auto-tuners@yahoogroups.com
Sent: Wednesday, March 20, 2013 3:48 PM
Subject: [LDG-auto-tuners] AT 1000Pro-II, lots of RF noise???

OK, purchased this tuner to handle the power from my new Ameritron AL80B 1KW amplifier. But when the tuner is on, it creates so much RF on my radio (Icom IC-746) so I took it out of line and installed my fairly new MFJ-993B back in and its whisper quiet.

Anyone else have lots of noise? I turn the power o ff tot he tuner, quiets right up.

[Non-text portions of this message have been removed]

6075. Re: [LDG-auto-tuners] AT 1000Pro-II, lots of RF noise???

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-21 15:29:28 UTC
From: VE6LB
Topic: 6073 Message: 6075

I have the 1000ProII and not a whisper of noise.

Gerry VE6LB

From: doug pfaff
Sent: Thursday, March 21, 2013 9:17 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] AT 1000Pro-II, lots of RF noise???

Time to talk to Dwayne at LDG forward your e-mail to him on this forum.

Doug ve5dcp

----- Original Message -----
From: toyota_mdt_tech
To: mailto:LDG-auto-tuners%40yahoogroups.com
Sent: Wednesday, March 20, 2013 3:48 PM
Subject: [LDG-auto-tuners] AT 1000Pro-II, lots of RF noise???

OK, purchased this tuner to handle the power from my new Ameritron AL80B 1KW amplifier. But when the tuner is on, it creates so much RF on my radio (Icom IC-746) so I took it out of line and installed my fairly new MFJ-993B back in and its whisper quiet.

Anyone else have lots of noise? I turn the power o ff tot he tuner, quiets right up.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

6076. Re: [LDG-auto-tuners] AT 1000Pro-II, lots of RF noise???

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-21 20:20:27 UTC
From: doug pfaff
Topic: 6073 Message: 6076

Gerry

Is this tuner also supplied from an external power source, if so the type used make a huge difference on how much noise is on the dc leads

Doug ve5dcp

----- Original Message -----
From: VE6LB
To: LDG-auto-tuners@yahoogroups.com
Sent: Thursday, March 21, 2013 8:29 AM
Subject: Re: [LDG-auto-tuners] AT 1000Pro-II, lots of RF noise???

I have the 1000ProII and not a whisper of noise.

Gerry VE6LB

From: doug pfaff
Sent: Thursday, March 21, 2013 9:17 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] AT 1000Pro-II, lots of RF noise???

Time to talk to Dwayne at LDG forward your e-mail to him on this forum.

Doug ve5dcp

----- Original Message -----
From: toyota_mdt_tech
To: mailto:LDG-auto-tuners%40yahoogroups.com
Sent: Wednesday, March 20, 2013 3:48 PM
Subject: [LDG-auto-tuners] AT 1000Pro-II, lots of RF noise???

OK, purchased this tuner to handle the power from my new Ameritron AL80B 1KW amplifier. But when the tuner is on, it creates so much RF on my radio (Icom IC-746) so I took it out of line and installed my fairly new MFJ-993B back in and its whisper quiet.

Anyone else have lots of noise? I turn the power o ff tot he tuner, quiets right up.

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[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

6077. Re: [LDG-auto-tuners] AT 1000Pro-II, lots of RF noise???

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-21 21:20:56 UTC
From: VE6LB
Topic: 6073 Message: 6077

Doug,

I typical wall wart. If it’s a power supply problem, how is that LDGs problem?

73, VE6LB

From: doug pfaff
Sent: Thursday, March 21, 2013 2:20 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] AT 1000Pro-II, lots of RF noise???

Gerry

Is this tuner also supplied from an external power source, if so the type used make a huge difference on how much noise is on the dc leads

Doug ve5dcp

----- Original Message -----
From: VE6LB
To: mailto:LDG-auto-tuners%40yahoogroups.com
Sent: Thursday, March 21, 2013 8:29 AM
Subject: Re: [LDG-auto-tuners] AT 1000Pro-II, lots of RF noise???

I have the 1000ProII and not a whisper of noise.

Gerry VE6LB

From: doug pfaff
Sent: Thursday, March 21, 2013 9:17 AM
To: mailto:LDG-auto-tuners%40yahoogroups.com
Subject: Re: [LDG-auto-tuners] AT 1000Pro-II, lots of RF noise???

Time to talk to Dwayne at LDG forward your e-mail to him on this forum.

Doug ve5dcp

----- Original Message -----
From: toyota_mdt_tech
To: mailto:LDG-auto-tuners%40yahoogroups.com
Sent: Wednesday, March 20, 2013 3:48 PM
Subject: [LDG-auto-tuners] AT 1000Pro-II, lots of RF noise???

OK, purchased this tuner to handle the power from my new Ameritron AL80B 1KW amplifier. But when the tuner is on, it creates so much RF on my radio (Icom IC-746) so I took it out of line and installed my fairly new MFJ-993B back in and its whisper quiet.

Anyone else have lots of noise? I turn the power o ff tot he tuner, quiets right up.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

6078. Verify bypass mode

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-21 22:41:19 UTC
From: V
Topic: 6078 Message: 6078

I am not certain I go into bypass mode. Any suggestion how it might be done.

Vern W9HLY

6079. Re: [LDG-auto-tuners] Verify bypass mode

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-21 23:52:21 UTC
From: Joshua Mesilane
Topic: 6078 Message: 6079

Tune the L down until it won't go down any further.

Tune the C down until it won't go down any further.

Now you're in bypass mode :) Of course if you're in an automatic tuning mode the tuner will try to re-tune if the SWR is unacceptable when you try to transmit.

VK3XJM
0416039082
josh@zindello.com.au
http://www.zindello.com.au/

On Fri, Mar 22, 2013 at 9:41 AM, V <vernw9hly@...> wrote:

> **
>
>
> I am not certain I go into bypass mode. Any suggestion how it might be
> done.
>
> Vern W9HLY
>
>
>

[Non-text portions of this message have been removed]

6080. Re: [LDG-auto-tuners] AT 1000Pro-II, lots of RF noise???

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-22 00:53:56 UTC
From: toyota mdt tech
Topic: 6073 Message: 6080

On 3/21/2013 2:20 PM, VE6LB wrote:
> Doug,
>
> I typical wall wart. If it’s a power supply problem, how is that LDGs problem?
>
> 73, VE6LB

I wasnt blaming LDG, I was just asking. I am powering it from the same power supply that runs my Icom 746. It ran the MFJ auto tuner (993B) with zilch noise. I took the LDG out and installed the MFJ for now. And have the amplifier out of the circuit for now. The amp was never plugged in either. It wasnt consistent, but when it did make noise, it would do it as long as it was powered on. There was times it didnt make noise. I am going to move it further away from my radio, but still easy to reach/operate. I think I will run the MFJ between the radio and amp, then run the LDG AT 1000 Pro II after the amp. I will see how that works. And report back.

Rick

6081. Re: [LDG-auto-tuners] Verify bypass mode

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-22 00:55:24 UTC
From: toyota mdt tech
Topic: 6078 Message: 6081

On 3/21/2013 4:52 PM, Joshua Mesilane wrote:
> Tune the L down until it won't go down any further.
>
> Tune the C down until it won't go down any further.
>
> Now you're in bypass mode :) Of course if you're in an automatic tuning
> mode the tuner will try to re-tune if the SWR is unacceptable when you try
> to transmit.

Or hit the tune button quickly

6082. Z-11 Pro vs Z-11 Pro II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-22 14:43:51 UTC
From: Steve
Topic: 6082 Message: 6082

Sorry if this is a redundant question. What is the difference between a Z-11 Pro and a Z-11 ProII? I have done a quickie search and cannot readily find the difference.

I'm asking because I want to find a manual for my Z-11 Pro but I don't know if a ProII manual would be the same?

Kind Regards,
Steve
AB5ID

6083. RE: [LDG-auto-tuners] Verify bypass mode

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-21 23:53:56 UTC
From: Daedalus
Topic: 6078 Message: 6083

Just tap the Tune button. If the Bypass LED is illuminated you are in. If it is off, you are not in Bypass mode. Just a short tap - not a push and hold will do it

From: LDG-auto-tuners@yahoogroups.com
[mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of V
Sent: Thursday, March 21, 2013 6:41 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Verify bypass mode

I am not certain I go into bypass mode. Any suggestion how it might be done.

Vern W9HLY

[Non-text portions of this message have been removed]

6084. Auto-tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-22 20:12:15 UTC
From: Roger Cadenhead
Topic: 6084 Message: 6084

I am interested in communicating with others who use the IC 718 and LDG auto-tuner with an attic G5Rv Jr (HOA, apartment, or condo). Who might they be?
Roger, K5PCS

[Non-text portions of this message have been removed]

6085. Re: Verify bypass mode

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-23 02:14:57 UTC
From: V
Topic: 6078 Message: 6085

Thanks all. I believe I have it now.

Vern

--- In LDG-auto-tuners@yahoogroups.com, Daedalus <jvm@...> wrote:
>
> Just tap the Tune button. If the Bypass LED is illuminated you are in. If it
> is off, you are not in Bypass mode. Just a short tap - not a push and hold
> will do it
>
>
>
> From: LDG-auto-tuners@yahoogroups.com
> [mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of V
> Sent: Thursday, March 21, 2013 6:41 PM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: [LDG-auto-tuners] Verify bypass mode
>
>
>
>
>
>
> I am not certain I go into bypass mode. Any suggestion how it might be done.
>
> Vern W9HLY
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

6086. How to store freq data

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-23 02:35:24 UTC
From: V
Topic: 6086 Message: 6086

Storing data? Manual says Func/Store. Another source says Hold down Func and press Store. I have done both - many times. I question if anything is being stored. Why do I think this? Move to new band. While in auto mode press Tune button and it finds a number at or below my VSWR threshold. Then I trim it with either Cup/dn or Lup/dn to improve the VSWR. Now with Func/Store (using both methods listed here) info should be stored. Move to different band. Go through a similar procedure. Now move back to previous band and key radio but the VSWR does NOT return to my last best settings. It is within my VSWR threshold, however.

Why is it not resting at the best known VSWR for that band?

If my words are unclear, please ask me to clarify.

Vern

6087. Re: Z-11 Pro vs Z-11 Pro II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-23 09:13:11 UTC
From: Ken
Topic: 6082 Message: 6087

Hi Steve,

LDG still has the manual for the Z-11 Pro on their web site.

Here is the link to the file:

http://www.ldgelectronics.com/assets/discontinued_manuals/Z-11ProManual.pdf

Support/Manuals> Product Manuals> at the bottom of the page, look for>
To view the manuals of discontinued products Click Here

73... Ken - VE5KC

--- In LDG-auto-tuners@yahoogroups.com, "Steve" <dmesteve@...> wrote:
>
> Sorry if this is a redundant question. What is the difference between a Z-11 Pro and a Z-11 ProII? I have done a quickie search and cannot readily find the difference.
>
> I'm asking because I want to find a manual for my Z-11 Pro but I don't know if a ProII manual would be the same?
>
> Kind Regards,
> Steve
> AB5ID
>

6088. LDG AT-200PRO AUTOTUNER

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-23 09:24:31 UTC
From: jim
Topic: 6088 Message: 6088

Hi,
When i use the tuner with my radio the tuner behaves itself swr low....as soon as i switch in the linear 150 watts the tuner keeps hunting .....and finally gives up......i have tried my other radio ft897d at 100 watts into tuner ..no problem swr low.....could it be the amplifier has a dirty output causing the at200 pro to keep searching ??
Funnily if i then use my other LDG autotuner Z11PRO11 IT ACCEPTS THE AMPLIFIER 150 watts output with no problem .....is the AT-200PRO 11 JUST MORE FUSSY ??????
JIM G4REK

6089. Re: LDG AT-200PRO AUTOTUNER

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-23 11:16:33 UTC
From: Jim Tylee
Topic: 6088 Message: 6089

I of course realize the Z11 PRO 11 is only meant for 125 watts input but a quick blast with 150 was okay.....perhaps the problem is sproggies being put out by the amp and the AT 200 pro is confused as to what signal to tune......
I know i am confused......
g4rek

[Non-text portions of this message have been removed]

6090. Re: LDG AT-200PRO AUTOTUNER

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-23 11:18:36 UTC
From: Jim Tylee
Topic: 6088 Message: 6090

No problem using my manual atu can get the swr on amp down to 1.5 to 1...
g4rek

On Sat, Mar 23, 2013 at 11:16 AM, Jim Tylee <tylee891@...> wrote:

> I of course realize the Z11 PRO 11 is only meant for 125 watts input but a
> quick blast with 150 was okay.....perhaps the problem is sproggies being
> put out by the amp and the AT 200 pro is confused as to what signal to
> tune......
> I know i am confused......
> g4rek
>

[Non-text portions of this message have been removed]

6091. RE: [LDG-auto-tuners] Re: LDG AT-200PRO AUTOTUNER

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-23 11:39:51 UTC
From: Daedalus
Topic: 6088 Message: 6091

Try placing the tuner in semi-automatic mode. That is what LDG recommends
for use with an amplifier.

From: LDG-auto-tuners@yahoogroups.com
[mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Jim Tylee
Sent: Saturday, March 23, 2013 7:19 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: LDG AT-200PRO AUTOTUNER

No problem using my manual atu can get the swr on amp down to 1.5 to 1...
g4rek

On Sat, Mar 23, 2013 at 11:16 AM, Jim Tylee <tylee891@...
<mailto:tylee891%40gmail.com> > wrote:

> I of course realize the Z11 PRO 11 is only meant for 125 watts input but a
> quick blast with 150 was okay.....perhaps the problem is sproggies being
> put out by the amp and the AT 200 pro is confused as to what signal to
> tune......
> I know i am confused......
> g4rek
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

6092. Re: [LDG-auto-tuners] Re: LDG AT-200PRO AUTOTUNER

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-23 11:54:22 UTC
From: Jim Tylee
Topic: 6088 Message: 6092

Okay,
But i am not sure how to do that
jim g4rek

On Sat, Mar 23, 2013 at 11:39 AM, Daedalus <jvm@...> wrote:

> **
>
>
> Try placing the tuner in semi-automatic mode. That is what LDG recommends
> for use with an amplifier.
>
> From: LDG-auto-tuners@yahoogroups.com
> [mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Jim Tylee
> Sent: Saturday, March 23, 2013 7:19 AM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: [LDG-auto-tuners] Re: LDG AT-200PRO AUTOTUNER
>
>
> No problem using my manual atu can get the swr on amp down to 1.5 to 1...
> g4rek
>
> On Sat, Mar 23, 2013 at 11:16 AM, Jim Tylee <tylee891@...
> <mailto:tylee891%40gmail.com> > wrote:
>
> > I of course realize the Z11 PRO 11 is only meant for 125 watts input but
> a
> > quick blast with 150 was okay.....perhaps the problem is sproggies being
> > put out by the amp and the AT 200 pro is confused as to what signal to
> > tune......
> > I know i am confused......
> > g4rek
> >
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

6093. RE: [LDG-auto-tuners] Re: LDG AT-200PRO AUTOTUNER

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-23 12:02:20 UTC
From: Daedalus
Topic: 6088 Message: 6093

Jim,

I do not have the instruction manual with me. If you look at the function code table it will show you. I think it is either Function + C up or Function + C Dn

73
Jack
WA2OLZ

-----Original Message-----
From: LDG-auto-tuners@yahoogroups.com
[mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Jim Tylee
Sent: Saturday, March 23, 2013 7:54 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] Re: LDG AT-200PRO AUTOTUNER

Okay,
But i am not sure how to do that
jim g4rek

On Sat, Mar 23, 2013 at 11:39 AM, Daedalus <jvm@...> wrote:

> **
>
>
> Try placing the tuner in semi-automatic mode. That is what LDG recommends
> for use with an amplifier.
>
> From: LDG-auto-tuners@yahoogroups.com
> [mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Jim Tylee
> Sent: Saturday, March 23, 2013 7:19 AM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: [LDG-auto-tuners] Re: LDG AT-200PRO AUTOTUNER
>
>
> No problem using my manual atu can get the swr on amp down to 1.5 to 1...
> g4rek
>
> On Sat, Mar 23, 2013 at 11:16 AM, Jim Tylee <tylee891@...
> <mailto:tylee891%40gmail.com> > wrote:
>
> > I of course realize the Z11 PRO 11 is only meant for 125 watts input but
> a
> > quick blast with 150 was okay.....perhaps the problem is sproggies being
> > put out by the amp and the AT 200 pro is confused as to what signal to

> > tune......
> > I know i am confused......
> > g4rek
> >
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

Yahoo! Groups Links

6094. RE: [LDG-auto-tuners] Re: LDG AT-200PRO AUTOTUNER

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-23 12:50:27 UTC
From: Jim Tylee
Topic: 6088 Message: 6094

Okay thank you for the info putting into semi automatic mode has done the trick swr is 2 to1 so thats fine.....
jim g4rek

[Non-text portions of this message have been removed]

6095. Re: How to store freq data

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-23 23:59:24 UTC
From: V
Topic: 6086 Message: 6095

Believe I have my answer. Was directed to an item(s) on this reflector that explains it all. Disappointed, however. Should have read info the second or third time...

Vern

--- In LDG-auto-tuners@yahoogroups.com, "V" <vernw9hly@...> wrote:
>
> Storing data? Manual says Func/Store. Another source says Hold down Func and press Store. I have done both - many times. I question if anything is being stored. Why do I think this? Move to new band. While in auto mode press Tune button and it finds a number at or

6096. LDG Z-817 Tune-up Mode Switching Problem

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-24 13:08:25 UTC
From: Alan
Topic: 6096 Message: 6096

I wonder if anyone can offer me some advice with the following problem.

I have a Z-817 auto-tuner and I'm using it with a Yaesu FT817 ND, connected using the supplied CAT cable. The tuner works as described, with one exception...

If the dial frequency is changed, even by the smallest amount, the next tune cycle fails because the transceiver fails to switch from the current mode to the tune-up mode (i.e. Packet). This happens in both memory tune and full tune cycles. Having failed once, subsequent tune cycles work fine, with the transceiver switching to Packet mode. However, once the frequency is altered the problem re-occurs.

The FT817 is set up as per the Z-817 manual. I have replaced the batteries and tried a substitute CAT interface cable, but to no avail. I have contacted LDG and am currently awaiting a reply.

I wonder if anyone else has come across this particular problem. Any advice would be received with interest.

Thank you

A D Grove, G8BJG

6097. AT-600pro troubleshooting

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-24 16:44:45 UTC
From: rick
Topic: 6097 Message: 6097

I bought my tuner last May and I have noticed that it is starting to be difficult to get a descent SWR (less than 1.5) when tuning my radio to the tuner at low power. Once I apply power via my solid state amp (500 watts or less), the SWR is around 2 or even more and my amp tries to kick off. It seems it is not doing the job like it used too when it would give a 1:1 match almost 100% time even at nearly 600 watts. Without the tuner, my SWR is around 2 to 2.4. I've tried using the up and down C and L buttons on the unit but it has not helped my situation. I do not think there is a way to reset the 600 pro?
Any ideas would be helpful.

Thx...Rick KF4VGV

6098. LDG AT-200PRO AUTOTUNER

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-25 13:38:57 UTC
From: jim
Topic: 6088 Message: 6098

Hi,
Just bought the LDG AT-200 PRO Autotuner.....my amplifier can put out 200 watts on FM
......if i switch to SSB will it damage the autotuner
by over loading it ??????
G4REK

6099. Re: AT-600pro troubleshooting

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-26 19:00:45 UTC
From: brad_ka3yan
Topic: 6097 Message: 6099

I'd be interested as well. While I'm sometimes able to achieve a low SWR, more often then not when I tune up at low power and then apply high power...the SWR is elevated high enough that my SG-500 kicks off.

73
Brad KA3YAN

--- In LDG-auto-tuners@yahoogroups.com, "rick" <kf4vgv@...> wrote:
>
> I bought my tuner last May and I have noticed that it is starting to be difficult to get a descent SWR (less than 1.5) when tuning my radio to the tuner at low power. Once I apply power via my solid state amp (500 watts or less), the SWR is around 2 or even more and my amp tries to kick off. It seems it is not doing the job like it used too when it would give a 1:1 match almost 100% time even at nearly 600 watts. Without the tuner, my SWR is around 2 to 2.4. I've tried using the up and down C and L buttons on the unit but it has not helped my situation. I do not think there is a way to reset the 600 pro?
> Any ideas would be helpful.
>
> Thx...Rick KF4VGV
>

6100. Re: How to store freq data

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-26 19:07:26 UTC
From: brad_ka3yan
Topic: 6086 Message: 6100

Vern,

Would you share? I'm curious about this too.

Brad

--- In LDG-auto-tuners@yahoogroups.com, "V" <vernw9hly@...> wrote:
>
>
>
> Believe I have my answer. Was directed to an item(s) on this reflector that explains it all. Disappointed, however. Should have read info the second or third time...
>
> Vern
>
>
>
> --- In LDG-auto-tuners@yahoogroups.com, "V" <vernw9hly@> wrote:
> >
> > Storing data? Manual says Func/Store. Another source says Hold down Func and press Store. I have done both - many times. I question if anything is being stored. Why do I think this? Move to new band. While in auto mode press Tune button and it finds a number at or
>

6101. RE: [LDG-auto-tuners] Re: AT-600pro troubleshooting

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-26 23:54:18 UTC
From: Daedalus
Topic: 6097 Message: 6101

I'm probably just confused. "tuning my radio to the tuner" Do you have the tuner between the rig and the amp or between the amp and the antenna?

From: LDG-auto-tuners@yahoogroups.com
[mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of brad_ka3yan
Sent: Tuesday, March 26, 2013 3:01 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: AT-600pro troubleshooting

I'd be interested as well. While I'm sometimes able to achieve a low SWR, more often then not when I tune up at low power and then apply high power...the SWR is elevated high enough that my SG-500 kicks off.

73
Brad KA3YAN

--- In LDG-auto-tuners@yahoogroups.com
<mailto:LDG-auto-tuners%40yahoogroups.com> , "rick" <kf4vgv@...> wrote:
>
> I bought my tuner last May and I have noticed that it is starting to be difficult to get a descent SWR (less than 1.5) when tuning my radio to the tuner at low power. Once I apply power via my solid state amp (500 watts or less), the SWR is around 2 or even more and my amp tries to kick off. It seems it is not doing the job like it used too when it would give a 1:1 match almost 100% time even at nearly 600 watts. Without the tuner, my SWR is around 2 to 2.4. I've tried using the up and down C and L buttons on the unit but it has not helped my situation. I do not think there is a way to reset the 600 pro?
> Any ideas would be helpful.
>
> Thx...Rick KF4VGV
>

[Non-text portions of this message have been removed]

6102. NEW Kenwood radio interface for LDG AT600ProII and AT1000ProII

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-27 00:25:37 UTC
From: Stefan
Topic: 6102 Message: 6102

Build a Kenwood <> LDG tuner radio interface featuring:

*** Radio Interface
Tune button on transceiver can be used to start tune or bypass tuner.
Repeated tune in 3sec will start Full tune.
CAT command can be used to start tune or bypass from PC.
Compatible with TS-2000, TS-480, TS-590 or any rig capable of controlling Kenwood AT-300 tuner.

*** Remote Control Panel (optional)
Using just 2 LED's and a push button to change antenna ports on remotely installed tuner.

*** Computer Control (optional)
Connect to PC LPT port to switch between antenna ports or bypass tuner. Ham Radio Deluxe can be configured to automatically change antenna when changing bands.

*** Automatic Power Amplifier Control
Safely switch OFF the Power Amplifier during tuning, changing antenna port or bypass operations.

More info at http://www.af6sa.com/projects/UTI.html

73's de Stefan / AF6SA

6103. Re: AT-600pro troubleshooting

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-27 01:30:27 UTC
From: brad_ka3yan
Topic: 6097 Message: 6103

I can't imagine anyone putting the tuner between the radio and amp. Ok, I can imagine it...I'd just prefer to think that any General or Extra wouldn't be that ignorant of the proper installation of a tuner.

Brad

--- In LDG-auto-tuners@yahoogroups.com, Daedalus <jvm@...> wrote:
>
> I'm probably just confused. "tuning my radio to the tuner" Do you have the
> tuner between the rig and the amp or between the amp and the antenna?
>
>
>
> From: LDG-auto-tuners@yahoogroups.com
> [mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of brad_ka3yan
> Sent: Tuesday, March 26, 2013 3:01 PM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: [LDG-auto-tuners] Re: AT-600pro troubleshooting
>
>
>
>
>
> I'd be interested as well. While I'm sometimes able to achieve a low SWR,
> more often then not when I tune up at low power and then apply high
> power...the SWR is elevated high enough that my SG-500 kicks off.
>
> 73
> Brad KA3YAN
>
> --- In LDG-auto-tuners@yahoogroups.com
> <mailto:LDG-auto-tuners%40yahoogroups.com> , "rick" <kf4vgv@> wrote:
> >
> > I bought my tuner last May and I have noticed that it is starting to be
> difficult to get a descent SWR (less than 1.5) when tuning my radio to the
> tuner at low power. Once I apply power via my solid state amp (500 watts or
> less), the SWR is around 2 or even more and my amp tries to kick off. It
> seems it is not doing the job like it used too when it would give a 1:1
> match almost 100% time even at nearly 600 watts. Without the tuner, my SWR
> is around 2 to 2.4. I've tried using the up and down C and L buttons on the
> unit but it has not helped my situation. I do not think there is a way to
> reset the 600 pro?
> > Any ideas would be helpful.
> >
> > Thx...Rick KF4VGV

> >
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

6104. RE: [LDG-auto-tuners] Re: AT-600pro troubleshooting

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-27 01:42:32 UTC
From: Daedalus
Topic: 6097 Message: 6104

I am hoping it was a simple documentation error

From: LDG-auto-tuners@yahoogroups.com
[mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of brad_ka3yan
Sent: Tuesday, March 26, 2013 9:30 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: AT-600pro troubleshooting

I can't imagine anyone putting the tuner between the radio and amp. Ok, I
can imagine it...I'd just prefer to think that any General or Extra wouldn't
be that ignorant of the proper installation of a tuner.

Brad

--- In LDG-auto-tuners@yahoogroups.com
<mailto:LDG-auto-tuners%40yahoogroups.com> , Daedalus <jvm@...> wrote:
>
> I'm probably just confused. "tuning my radio to the tuner" Do you have the
> tuner between the rig and the amp or between the amp and the antenna?
>
>
>
> From: LDG-auto-tuners@yahoogroups.com
<mailto:LDG-auto-tuners%40yahoogroups.com>
> [mailto:LDG-auto-tuners@yahoogroups.com
<mailto:LDG-auto-tuners%40yahoogroups.com>] On Behalf Of brad_ka3yan
> Sent: Tuesday, March 26, 2013 3:01 PM
> To: LDG-auto-tuners@yahoogroups.com
<mailto:LDG-auto-tuners%40yahoogroups.com>
> Subject: [LDG-auto-tuners] Re: AT-600pro troubleshooting
>
>
>
>
>
> I'd be interested as well. While I'm sometimes able to achieve a low SWR,
> more often then not when I tune up at low power and then apply high
> power...the SWR is elevated high enough that my SG-500 kicks off.
>
> 73
> Brad KA3YAN
>
> --- In LDG-auto-tuners@yahoogroups.com
<mailto:LDG-auto-tuners%40yahoogroups.com>
> <mailto:LDG-auto-tuners%40yahoogroups.com> , "rick" <kf4vgv@> wrote:
> >

> > I bought my tuner last May and I have noticed that it is starting to be
> difficult to get a descent SWR (less than 1.5) when tuning my radio to the
> tuner at low power. Once I apply power via my solid state amp (500 watts
or
> less), the SWR is around 2 or even more and my amp tries to kick off. It
> seems it is not doing the job like it used too when it would give a 1:1
> match almost 100% time even at nearly 600 watts. Without the tuner, my SWR
> is around 2 to 2.4. I've tried using the up and down C and L buttons on
the
> unit but it has not helped my situation. I do not think there is a way to
> reset the 600 pro?
> > Any ideas would be helpful.
> >
> > Thx...Rick KF4VGV
> >
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

6105. AT-100 PRO II bypass light

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-30 12:32:44 UTC
From: Rasika H
Topic: 6105 Message: 6105

hi all,

I recently purchased 100pro II to work with my 817ND.

In fully auto mode after tuning on particular frequency the bypass light is turning ON. Is this normal???

Appreciate experts ideas on this.

73!

6106. Re: [LDG-auto-tuners] AT-100 PRO II bypass light

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-30 15:22:06 UTC
From: VE6LB
Topic: 6105 Message: 6106

My 1000ProII will go to bypass if there is no tuning required.

Gerry VE6LB

From: Rasika H
Sent: Saturday, March 30, 2013 6:32 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] AT-100 PRO II bypass light

hi all,

I recently purchased 100pro II to work with my 817ND.

In fully auto mode after tuning on particular frequency the bypass light is turning ON. Is this normal???

Appreciate experts ideas on this.

73!

[Non-text portions of this message have been removed]

6107. Re: [LDG-auto-tuners] AT-100 PRO II bypass light

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-30 17:07:48 UTC
From: KK2DOG in NY
Topic: 6105 Message: 6107

Here's the manual:
http://www.ldgelectronics.com/assets/manuals/AT-100ProIIManual.pdf

KK2DOG
Owner/Admin
www.hamwave.com

From: Rasika H <liyanage.rasika@...>
To: LDG-auto-tuners@yahoogroups.com
Sent: Saturday, March 30, 2013 8:32 AM
Subject: [LDG-auto-tuners] AT-100 PRO II bypass light

hi all,

I recently purchased 100pro II to work with my 817ND.

In fully auto mode after tuning on particular frequency the bypass light is turning ON. Is this normal???

Appreciate experts ideas on this.

73!

[Non-text portions of this message have been removed]

6108. Re: AT-100 PRO II bypass light

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-31 09:23:56 UTC
From: Rasika H
Topic: 6105 Message: 6108

May be my one does the same. After fully tuned on a frequency it goes to bypass mode.

--- In LDG-auto-tuners@yahoogroups.com, "VE6LB" <ve6lb@...> wrote:
>
>
> My 1000ProII will go to bypass if there is no tuning required.
>
> Gerry VE6LB
>
> From: Rasika H
> Sent: Saturday, March 30, 2013 6:32 AM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: [LDG-auto-tuners] AT-100 PRO II bypass light
>
>
> hi all,
>
> I recently purchased 100pro II to work with my 817ND.
>
> In fully auto mode after tuning on particular frequency the bypass light is turning ON. Is this normal???
>
> Appreciate experts ideas on this.
>
> 73!
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

6109. Re: AT-100 PRO II bypass light

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-31 10:08:49 UTC
From: Jim Tylee
Topic: 6105 Message: 6109

I have the AT-200 PRO and the Z11 PRO neither go to bypass after tuning as
that indicates the tuner is out of circuit
jim g4rek

[Non-text portions of this message have been removed]

6110. Re: [LDG-auto-tuners] AT-100 PRO II bypass light

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-31 13:14:53 UTC
From: Jimmy (WB8NBI)
Topic: 6105 Message: 6110

Same with my AT-600Pro.

DE Jimmy (WB8NBI)

From: VE6LB
Sent: Saturday, March 30, 2013 11:22 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] AT-100 PRO II bypass light

My 1000ProII will go to bypass if there is no tuning required.

Gerry VE6LB

From: Rasika H
Sent: Saturday, March 30, 2013 6:32 AM
To: mailto:LDG-auto-tuners%40yahoogroups.com
Subject: [LDG-auto-tuners] AT-100 PRO II bypass light

hi all,

I recently purchased 100pro II to work with my 817ND.

In fully auto mode after tuning on particular frequency the bypass light is turning ON. Is this normal???

Appreciate experts ideas on this.

73!

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

6112. z817H tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-31 19:46:52 UTC
From: radiohenry
Topic: 6112 Message: 6112

Hi,
I notice that even though my z817h green LED will blink for one second on all bands when tuning (which should indicate a very low SWR), unexpectedly both a SWR meter and the FT817 lcd SW bars show a far higher SWR when I tx a CW carrier at 5 W. Could it be a symptom that the tuner is damaged? I have been running up to 60 W for long duty cycles recently, I wonder if I may have overloaded the tuner.
Thanks in advance for your comments
73 Enrico

6113. will the ldg z100 plus be compatible with the icom 706mk2g

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-03-31 23:50:31 UTC
From: jb8744
Topic: 6113 Message: 6113

Hi

will the ldg z100 plus be compatible with the icom 706mk2g, or is the ldg it100 the recommended atu.

Regards 73 john m3ojb

6114. Re: will the ldg z100 plus be compatible with the icom 706mk2g

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-04-01 00:17:33 UTC
From: Rasika H
Topic: 6113 Message: 6114

http://www.ldgelectronics.com/assets/manuals/Z-100PlusManual.pdf

page 7,8 and 11

73!

--- In LDG-auto-tuners@yahoogroups.com, "jb8744" <jb8744@...> wrote:
>
> Hi
>
> will the ldg z100 plus be compatible with the icom 706mk2g, or is the ldg it100 the recommended atu.
>
> Regards 73 john m3ojb
>

6115. Re: will the ldg z100 plus be compatible with the icom 706mk2g

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-04-01 11:22:28 UTC
From: jb8744
Topic: 6113 Message: 6115

Hi Rasika h
Many thanks for information, very much appreciated.
Regards 73 john m3ojb

--- In LDG-auto-tuners@yahoogroups.com, "Rasika H" <liyanage.rasika@...> wrote:
>
> http://www.ldgelectronics.com/assets/manuals/Z-100PlusManual.pdf
>
> page 7,8 and 11
>
> 73!
>
> --- In LDG-auto-tuners@yahoogroups.com, "jb8744" <jb8744@> wrote:
> >
> > Hi
> >
> > will the ldg z100 plus be compatible with the icom 706mk2g, or is the ldg it100 the recommended atu.
> >
> > Regards 73 john m3ojb
> >
>

6116. AT-100 Pro II and Long Wire

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-04-02 18:31:32 UTC
From: Walter Beck
Topic: 6116 Message: 6116

I have a Kenwood TS-440 SAT that I have dedicated to a long wire antenna. The wire is roughly 100 ft long and 20 ft above ground. I have a 6 ft copper clad rod driven into the ground as my ground. All the equipment in my shack is grounded including the tuner and the balun.

The problem I am having is simple but I am not sure why. The tuner will not find a match on bands below 14 MHz.

I have tried with no balun, a current balun and a voltage balun. The baluns are LDG baluns.

If anyone has any suggestions, I would really appreciate them. I was thinking that it might just be that the long wire is not long enough but thought that the impedance matching range of the tuner with balun would be able to handle that.

Thanks in advance.

73 de N7MCH Walt

--
73 de Walt N7MCH

[Non-text portions of this message have been removed]

6117. Re: [LDG-auto-tuners] AT-100 Pro II and Long Wire

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-04-03 17:26:25 UTC
From: Charles Scott
Topic: 6116 Message: 6117

Walt:

The tuner in the TS-440SAT may not be able to tune your long-wire antenna. It has a limited range so tuning a random length antenna may not work on some bands. You may also have other issues with your antenna installation. For example, you're apparently relying on a single ground stake for the "ground". All long-wire antennas have another side to the, which is what's connected to the other termination of the coax (shield). Your "ground" may not really be that other side of the antenna on some frequencies. The rest of your antenna could be your transmission line and anything connected to it. In other-words, there's some considerable variables here.

To use a long-wire antenna with your 440 you will probably need a different antenna tuner, preferably placed at the feed-point for some bands.

Chuck - N8DNX

On 4/2/2013 2:31 PM, Walter Beck wrote:
> I have a Kenwood TS-440 SAT that I have dedicated to a long wire antenna.
> The wire is roughly 100 ft long and 20 ft above ground. I have a 6 ft
> copper clad rod driven into the ground as my ground. All the equipment in
> my shack is grounded including the tuner and the balun.
>
> The problem I am having is simple but I am not sure why. The tuner will
> not find a match on bands below 14 MHz.
>
> I have tried with no balun, a current balun and a voltage balun. The
> baluns are LDG baluns.
>
> If anyone has any suggestions, I would really appreciate them. I was
> thinking that it might just be that the long wire is not long enough but
> thought that the impedance matching range of the tuner with balun would be
> able to handle that.
>
> Thanks in advance.
>
> 73 de N7MCH Walt
>
>

--
Charles Scott, President
Gaslight Media
120 E. Lake Street

Petoskey, MI 49770
http://www.gaslightmedia.com

E-Mail: cscott@...
Office: 231-487-0692

[Non-text portions of this message have been removed]

6118. Re: AT-100 Pro II and Long Wire

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-04-04 16:09:22 UTC
From: vk5zuc
Topic: 6116 Message: 6118

I have used similar arrangements with LDG tuners. Try a counterpoise or radials, some series inductance on the output or even some series capacitance.

--- In LDG-auto-tuners@yahoogroups.com, Walter Beck <n7mch@...> wrote:
>
> I have a Kenwood TS-440 SAT that I have dedicated to a long wire antenna.
> The wire is roughly 100 ft long and 20 ft above ground. I have a 6 ft
> copper clad rod driven into the ground as my ground. All the equipment in
> my shack is grounded including the tuner and the balun.
>
> The problem I am having is simple but I am not sure why. The tuner will
> not find a match on bands below 14 MHz.
>
> I have tried with no balun, a current balun and a voltage balun. The
> baluns are LDG baluns.
>
> If anyone has any suggestions, I would really appreciate them. I was
> thinking that it might just be that the long wire is not long enough but
> thought that the impedance matching range of the tuner with balun would be
> able to handle that.
>
> Thanks in advance.
>
> 73 de N7MCH Walt
>
>
> --
> 73 de Walt N7MCH
>
>
> [Non-text portions of this message have been removed]
>

6119. Re: AT-100 Pro II and Long Wire

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-04-04 16:52:14 UTC
From: n7mch
Topic: 6116 Message: 6119

I apologize for not being clear. Evidently putting the name and model of the LDG tuner I am using with my 440 was not enough to indicate that my question is directed at it and not the tuner in the 440.

Now that I have tried to clear that up, any suggestions as to why the LDG AT-100 Pro II that I am trying to use with the Kenwood 440 will not tune up on the bands below 14 MHz?

By the way, I bought the LDG AT-100 Pro II because I knew that the Kenwood TS-440 internal tuner would not handle the long wire.

Any suggestions are much appreciated.

Thanks and 73 de N7MCH Walt
--- In LDG-auto-tuners@yahoogroups.com, Charles Scott <cscott@...> wrote:
>
> Walt:
>
> The tuner in the TS-440SAT may not be able to tune your long-wire
> antenna. It has a limited range so tuning a random length antenna may
> not work on some bands. You may also have other issues with your antenna
> installation. For example, you're apparently relying on a single ground
> stake for the "ground". All long-wire antennas have another side to the,
> which is what's connected to the other termination of the coax (shield).
> Your "ground" may not really be that other side of the antenna on some
> frequencies. The rest of your antenna could be your transmission line
> and anything connected to it. In other-words, there's some considerable
> variables here.
>
> To use a long-wire antenna with your 440 you will probably need a
> different antenna tuner, preferably placed at the feed-point for some
> bands.
>
> Chuck - N8DNX
>
>
>
> On 4/2/2013 2:31 PM, Walter Beck wrote:
> > I have a Kenwood TS-440 SAT that I have dedicated to a long wire antenna.
> > The wire is roughly 100 ft long and 20 ft above ground. I have a 6 ft
> > copper clad rod driven into the ground as my ground. All the equipment in
> > my shack is grounded including the tuner and the balun.
> >
> > The problem I am having is simple but I am not sure why. The tuner will
> > not find a match on bands below 14 MHz.
> >
> > I have tried with no balun, a current balun and a voltage balun. The

> > baluns are LDG baluns.
> >
> > If anyone has any suggestions, I would really appreciate them. I was
> > thinking that it might just be that the long wire is not long enough but
> > thought that the impedance matching range of the tuner with balun would be
> > able to handle that.
> >
> > Thanks in advance.
> >
> > 73 de N7MCH Walt
> >
> >
>
> --
> *Charles Scott*, President
> Gaslight Media
> 120 E. Lake Street
> Petoskey, MI 49770
> http://www.gaslightmedia.com
>
> E-Mail: cscott@...
> Office: 231-487-0692
>
>
> [Non-text portions of this message have been removed]
>

6120. Re: [LDG-auto-tuners] Re: AT-100 Pro II and Long Wire

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-04-04 17:19:17 UTC
From: Charles Scott
Topic: 6116 Message: 6120

Walt:

OK, but much of my post still stands. Since the "ground", "counterpoise", or whatever you'd like to call it in your installation is not well defined, there's no way to know what the installation looks like to the tuner at various frequencies. It could well be that the tuning solutions required for some bands are outside the range of even the LDG tuner.

Chuck

On 4/4/2013 12:52 PM, n7mch wrote:
> I apologize for not being clear. Evidently putting the name and model of the LDG tuner I am using with my 440 was not enough to indicate that my question is directed at it and not the tuner in the 440.
>
> Now that I have tried to clear that up, any suggestions as to why the LDG AT-100 Pro II that I am trying to use with the Kenwood 440 will not tune up on the bands below 14 MHz?
>
> By the way, I bought the LDG AT-100 Pro II because I knew that the Kenwood TS-440 internal tuner would not handle the long wire.
>
> Any suggestions are much appreciated.
>
> Thanks and 73 de N7MCH Walt
> --- In LDG-auto-tuners@yahoogroups.com, Charles Scott <cscott@...> wrote:

6121. Re: [LDG-auto-tuners] Re: AT-100 Pro II and Long Wire

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-04-04 19:25:16 UTC
From: Hank Greeb
Topic: 6116 Message: 6121

Is the tuner in the TS-440 disabled? If not, the LDG will be "fighting"
the internal tuner.

I've usedsimilar antennae way back in the 50's, and it wasn't hard to
get a match with an L-Match.

72/73 de n8xx Hg
QRP >99.44% of the time

On 4/4/2013 12:09 PM, vk5zuc wrote:
> I have used similar arrangements with LDG tuners. Try a counterpoise or radials, some
series inductance on the output or even some series capacitance.
>
> --- In LDG-auto-tuners@yahoogroups.com, Walter Beck <n7mch@...> wrote:
>> I have a Kenwood TS-440 SAT that I have dedicated to a long wire antenna.
>> The wire is roughly 100 ft long and 20 ft above ground. I have a 6 ft
>> copper clad rod driven into the ground as my ground. All the equipment in
>> my shack is grounded including the tuner and the balun.
>>
>> The problem I am having is simple but I am not sure why. The tuner will
>> not find a match on bands below 14 MHz.
>>
>> I have tried with no balun, a current balun and a voltage balun. The
>> baluns are LDG baluns.
>>
>> If anyone has any suggestions, I would really appreciate them. I was
>> thinking that it might just be that the long wire is not long enough but
>> thought that the impedance matching range of the tuner with balun would be
>> able to handle that.
>>
>> Thanks in advance.
>>
>> 73 de N7MCH Walt
>>
>>
>> --
>> 73 de Walt N7MCH
>>
>>
>> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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[Non-text portions of this message have been removed]

6122. FT-857D

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-04-04 20:17:33 UTC
From: n3jdw
Topic: 4908 Message: 6122

I hava an FT-857D, thinking of geting a YT-100 tuner to go with it.

6123. Re: [LDG-auto-tuners] FT-857D

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-04-05 12:10:04 UTC
From: Leonard K. Pennock
Topic: 4908 Message: 6123

Personally I would go (and have) with a AT100. The YT100 can only be used with the 8x7 while the AT100 can be used with any radio in the auto mode. Building a cable for using the tune button on the tuner is trivial. Main down side is the AT100 will require a separate cable for power but that can also be pulled from one of the radio connectors.

On 04/04/2013 01:17 PM, n3jdw wrote:
> I hava an FT-857D, thinking of geting a YT-100 tuner to go with it.
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
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>

--
Leonard K. Pennock
AD7AS

Those who walk bravely through life, unafraid of loss or failure,
find that they very rarely lose or fail.

6124. Re: AT-100 Pro II and Long Wire

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-04-05 07:28:11 UTC
From: Douglas
Topic: 6116 Message: 6124

Didn't he imply with his message subject that he was using an AT-100 Pro tuner, not just the tuner in the rig?

I suspect his problems arise due to poor grounding. A single 6 ft ground rod isn't enough of a good RF ground for a 100 ft end-fed wire antenna.

73,

Doug/WA1TUT

6125. Re: [LDG-auto-tuners] Re: AT-100 Pro II and Long Wire

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-04-05 14:57:48 UTC
From: Michael Walker
Topic: 6116 Message: 6125

Have you tried any common mode chokes?

Mike va3mw

On Fri, Apr 5, 2013 at 3:28 AM, Douglas <sparks06524@...> wrote:

> **
>
>
>
> Didn't he imply with his message subject that he was using an AT-100 Pro
> tuner, not just the tuner in the rig?
>
> I suspect his problems arise due to poor grounding. A single 6 ft ground
> rod isn't enough of a good RF ground for a 100 ft end-fed wire antenna.
>
> 73,
>
> Doug/WA1TUT
>
>

[Non-text portions of this message have been removed]

6126. Re: AT-100 Pro II and Long Wire

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-04-05 17:10:18 UTC
From: n7mch
Topic: 6116 Message: 6126

Thanks Chuck,

I will work on my ground system and see if that improves the situation at my QTH.

I had been using an AEA AT-300 manual tuner in the same configuration as I am trying to use the LDG AT-100. It has allowed me to tune all bands with the Kenwood TS-440. My bad assumption was that if an old technology manual tuner worked then a newer technology LDG tuner would also work and automate the tuning task.

Live and learn. Since I have invested money in the LDG product, it would be worth my while to get it working. First is to improve the grounding as you suggest and second might be to extend the length of the long wire.

Thanks again

73 de N7MCH Walt

--- In LDG-auto-tuners@yahoogroups.com, Charles Scott <cscott@...> wrote:
>
> Walt:
>
> OK, but much of my post still stands. Since the "ground",
> "counterpoise", or whatever you'd like to call it in your installation
> is not well defined, there's no way to know what the installation looks
> like to the tuner at various frequencies. It could well be that the
> tuning solutions required for some bands are outside the range of even
> the LDG tuner.
>
> Chuck

6127. Re: AT-100 Pro II and Long Wire

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-04-05 17:10:44 UTC
From: n7mch
Topic: 6116 Message: 6127

Thanks Chuck,

I will work on my ground system and see if that improves the situation at my QTH.

I had been using an AEA AT-300 manual tuner in the same configuration as I am trying to use the LDG AT-100. It has allowed me to tune all bands with the Kenwood TS-440. My bad assumption was that if an old technology manual tuner worked then a newer technology LDG tuner would also work and automate the tuning task.

Live and learn. Since I have invested money in the LDG product, it would be worth my while to get it working. First is to improve the grounding as you suggest and second might be to extend the length of the long wire.

Thanks again

73 de N7MCH Walt

--- In LDG-auto-tuners@yahoogroups.com, Charles Scott <cscott@...> wrote:
>
> Walt:
>
> OK, but much of my post still stands. Since the "ground",
> "counterpoise", or whatever you'd like to call it in your installation
> is not well defined, there's no way to know what the installation looks
> like to the tuner at various frequencies. It could well be that the
> tuning solutions required for some bands are outside the range of even
> the LDG tuner.
>
> Chuck

6128. Re: AT-100 Pro II and Long Wire

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-04-05 17:17:08 UTC
From: n7mch
Topic: 6116 Message: 6128

Thanks Hank.

Actually, I tried with the internal tuner in circuit and out of circuit with the LDG. Different results but better without it in circuit. I am going to work on my grounding to see if that is deficient.

I have been using an AEA AT-300 manual tuner in the same configuration that I am trying to use the LDG AT-100 and the AEA has tuned up the TS-440 on all bands. Bad assumption on my part that if old technology worked the newer technology would work better.

Thanks again

73 de N7MCH Walt

--- In LDG-auto-tuners@yahoogroups.com, Hank Greeb <n8xx@...> wrote:
>
> Is the tuner in the TS-440 disabled? If not, the LDG will be "fighting"
> the internal tuner.
>
> I've usedsimilar antennae way back in the 50's, and it wasn't hard to
> get a match with an L-Match.
>
> 72/73 de n8xx Hg
> QRP >99.44% of the time
>

6129. Re: [LDG-auto-tuners] Re: AT-100 Pro II and Long Wire

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-04-05 17:29:00 UTC
From: Leonard K. Pennock
Topic: 6116 Message: 6129

Manual tuners in general have a wider tuning range than auto tuners.

On 04/05/2013 10:10 AM, n7mch wrote:
> Thanks Chuck,
>
> I will work on my ground system and see if that improves the situation at my QTH.
>
> I had been using an AEA AT-300 manual tuner in the same configuration as I am trying to use the LDG AT-100. It has allowed me to tune all bands with the Kenwood TS-440. My bad assumption was that if an old technology manual tuner worked then a newer technology LDG tuner would also work and automate the tuning task.
>
> Live and learn. Since I have invested money in the LDG product, it would be worth my while to get it working. First is to improve the grounding as you suggest and second might be to extend the length of the long wire.
>
> Thanks again
>
> 73 de N7MCH Walt
>
> --- In LDG-auto-tuners@yahoogroups.com, Charles Scott <cscott@...> wrote:
>>
>> Walt:
>>
>> OK, but much of my post still stands. Since the "ground",
>> "counterpoise", or whatever you'd like to call it in your installation
>> is not well defined, there's no way to know what the installation looks
>> like to the tuner at various frequencies. It could well be that the
>> tuning solutions required for some bands are outside the range of even
>> the LDG tuner.
>>
>> Chuck
>
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>
> Yahoo! Groups Links
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>

--
Leonard K. Pennock
AD7AS

Those who walk bravely through life, unafraid of loss or failure,
find that they very rarely lose or fail.

6130. Re: [LDG-auto-tuners] Re: AT-100 Pro II and Long Wire

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-04-05 22:23:35 UTC
From: Bill Aycock
Topic: 6116 Message: 6130

This whole thread is a puzzzle. He has described a system with no balances element, yet claims he uses a Balun (BAlanced to UNbalanced); why? His "Long Wire" is pretty short, and he has an inadequate ground.
What help can he be given?
Bill--W4BSG

-----Original Message-----
From: Michael Walker
Sent: Friday, April 05, 2013 9:57 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] Re: AT-100 Pro II and Long Wire

Have you tried any common mode chokes?

Mike va3mw

On Fri, Apr 5, 2013 at 3:28 AM, Douglas <sparks06524@...> wrote:

> **
>
>
>
> Didn't he imply with his message subject that he was using an AT-100 Pro
> tuner, not just the tuner in the rig?
>
> I suspect his problems arise due to poor grounding. A single 6 ft ground
> rod isn't enough of a good RF ground for a 100 ft end-fed wire antenna.
>
> 73,
>
> Doug/WA1TUT
>
>

[Non-text portions of this message have been removed]

Yahoo! Groups Links

6131. Re: AT-100 Pro II and Long Wire

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-04-06 19:11:18 UTC
From: n7mch
Topic: 6116 Message: 6131

Bill,
Actually, I have received quite a bit of information that will help resolve my problem. As far as why I am using a Balun, the instructions and recommendations that come with the AT-100 and on the LDG web site state that a Balun should be used when connecting to a long, or in my case according to you, a short wire antenna.
I have gotten the message that my ground system is not adequate. I am working on improvements by adding additional grounds over a wider area. I am a bit limited because of the septic system location in relationship to the house. I am also looking at what it will take to lay a network of radials keeping in mind the septic system.
For grins, I have an old MFJ Artificial Ground that I used when operating my station from a second floor QTH. I may roll that out and run some experiments with it to see what happens.
Worse case, I go back to my manual tuner and sell the AT-100 on eBay.
Thanks for your comments.
73 de N7MCH Walt
--- In LDG-auto-tuners@yahoogroups.com, "Bill Aycock" <billaycock@...> wrote:
>
> This whole thread is a puzzzle. He has described a system with no balances
> element, yet claims he uses a Balun (BAlanced to UNbalanced); why? His "Long
> Wire" is pretty short, and he has an inadequate ground.
> What help can he be given?
> Bill--W4BSG
>
> -----Original Message-----
> From: Michael Walker
> Sent: Friday, April 05, 2013 9:57 AM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: Re: [LDG-auto-tuners] Re: AT-100 Pro II and Long Wire
>
> Have you tried any common mode chokes?
>
> Mike va3mw
>
> On Fri, Apr 5, 2013 at 3:28 AM, Douglas sparks06524@... wrote:
>
> > **
> >
> >
> >
> > Didn't he imply with his message subject that he was using an AT-100

Pro
> > tuner, not just the tuner in the rig?
> >
> > I suspect his problems arise due to poor grounding. A single 6 ft
ground
> > rod isn't enough of a good RF ground for a 100 ft end-fed wire
antenna.
> >
> > 73,
> >
> > Doug/WA1TUT
> >
> >
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>
> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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[Non-text portions of this message have been removed]

6132. Re: [LDG-auto-tuners] Re: AT-100 Pro II and Long Wire

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-04-06 20:15:40 UTC
From: Hank Greeb
Topic: 6116 Message: 6132

Walt.

The only thing a poor ground will do is "burn" some RF in the ground system, rather than radiating it. For years I end fed a wire of about 100 feet, with a single ground steak, probably no longer than 3 or 4 feet in "somewhat mediocre ground" and worked 40 states with one crystal at 3721.9 KHz. This was long before the daze of computers, so RF floating around the shack only would give me an RF burn if it was of any great magnitude, which it wasn't.

And, I often run my LDG Z-100 tuner with a 33' length of wire and a 33' single counterpoise, with no ground steak at all when I'm out in the field, on 40 and 20. Yes, for all those "purists" on this reflector, I know that on 20 the 33' counterpoise means the "chassis" ground is at a high impedance part of the setup./ But it typically doesn't matter. If I ever did have a problem I'd double back the 33' length on the counterpoise and it would be a 1/4 wavelength on 20 meters which should take care of any "floating RF."

FWIW, my current "shack" is on the 2nd story, and I have no "ground" attached to the rig's chassis. I feed a dipole with 400 ohm (nominal) window line, and have a LDG balun (either 4/1 voltage balun or 1/1 current balun) whichever works best for the band I'm using) between the balanced line and the LDG-Z100 tuner. Maybe I'm lucky, but I can match all bands 80 through 10 with the tuner, and there's no RF floating around. The conventional wisdom says one NEEDS a physical ground, so, I guess I'm violating some law of physics and/or electrical engineering. It works with 5 watts or less, or even in those rare occasions where I crank the rig up to 100 watts.

I'd say that, in your case there must be some RF floating around on the outside of your coax caused by proximity to the longwire antenna. A choke or what folks now call an "un-Un" just a few toroids large enough to fit over the coax at the tuner and at the antenna, to provide a high impedance for any RF which is picked up in the field of the antenna before can reach the rig. And, it's a good idea to ground the outside of the coax with whatever ground available (even a 6' ground steak) at both the antenna side and as close to where it enters the shack as possible.

Using a MFJ artificial ground might solve your problem. We've used one of those @ Field day several times in the past to "tame" a "hot chassis" on a rig, when we're too lazy to figure out from when the RF is coming, because we have a balanced wire feeder which should not generate RF on the chassis.

There's nothing wrong with installing as large of a counterpoise system
near ground level, but I'd guess, with somewhere between 0 and 99.44%
certainty that this is NOT causing your problem.

Hope this helps.

72/73 de n8xx Hg
QRP >99.44% of the time

On 4/6/2013 3:11 PM, n7mch wrote:
> Bill,
> Actually, I have received quite a bit of information that will help resolve my problem. As far as why I am using a Balun, the instructions and recommendations that come with the AT-100 and on the LDG web site state that a Balun should be used when connecting to a long, or in my case according to you, a short wire antenna.
>
> I have gotten the message that my ground system is not adequate. I am working on improvements by adding additional grounds over a wider area. I am a bit limited because of the septic system location in relationship to the house. I am also looking at what it will take to lay a network of radials keeping in mind the septic system.
>
> For grins, I have an old MFJ Artificial Ground that I used when operating my station from a second floor QTH. I may roll that out and run some experiments with it to see what happens.
>
> Worse case, I go back to my manual tuner and sell the AT-100 on eBay. Thanks for your comments.
> 73 de N7MCH Walt
>
> --- In LDG-auto-tuners@yahoogroups.com, "Bill Aycock" <billaycock@...> wrote:
>> This whole thread is a puzzzle. He has described a system with no balances element, yet claims he uses a Balun (BAlanced to UNbalanced); why? His "Long Wire" is pretty short, and he has an inadequate ground.
>> What help can he be given?
>> Bill--W4BSG
>>
>> -----Original Message-----
>> From: Michael Walker
>> Sent: Friday, April 05, 2013 9:57 AM
>> To: LDG-auto-tuners@yahoogroups.com
>> Subject: Re: [LDG-auto-tuners] Re: AT-100 Pro II and Long Wire
>>
>> Have you tried any common mode chokes?
>>
>> Mike va3mw
>>
>> On Fri, Apr 5, 2013 at 3:28 AM, Douglas sparks06524@... wrote:
>>
>>
>> **
>> Didn't he imply with his message subject that he was using an AT-100 Pro tuner, not just the tuner in the rig?

>>
>> I suspect his problems arise due to poor grounding. A single 6 ft ground rod isn't enough of a good RF ground for a 100 ft end-fed wire antenna.
>>
>> 73,
>>
>> Doug/WA1TUT

6133. Re: [LDG-auto-tuners] Re: AT-100 Pro II and Long Wire

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-04-07 01:25:18 UTC
From: Bill Aycock
Topic: 6116 Message: 6133

Walt--
Don't ignore the possibilities in that Septic system. The soil near the field lines is always moist, and the liquid should be somewhat conductive and changes little with season. If you know the location of the field lines, you might be able to offset ground rods to take advantage.
I have a large stand of Timber Bamboo (4-5" Dia, around 50' tall) that is helped by such a field. The only problem with the Bamboo is that it is moving toward my Tower.
Another factor-- I have an acquaintance who had to Zig-Zag his 160M long wire from tree to tree, in many directions to get enough length. I modeled it once, and it looks weird, but it worked.
I think LDG may have meant "Common Mode Choke", when they wrote "Balun", like many other people do.
Good luck--Bill--W4BSG

-----Original Message-----
From: n7mch
Sent: Saturday, April 06, 2013 2:11 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: AT-100 Pro II and Long Wire

Bill,
Actually, I have received quite a bit of information that will help resolve my problem. As far as why I am using a Balun, the instructions and recommendations that come with the AT-100 and on the LDG web site state that a Balun should be used when connecting to a long, or in my case according to you, a short wire antenna.
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For grins, I have an old MFJ Artificial Ground that I used when operating my station from a second floor QTH. I may roll that out and run some experiments with it to see what happens.
Worse case, I go back to my manual tuner and sell the AT-100 on eBay.
Thanks for your comments.
73 de N7MCH Walt
--- In LDG-auto-tuners@yahoogroups.com, "Bill Aycock" <billaycock@...> wrote:
>
> This whole thread is a puzzzle. He has described a system with no balances
> element, yet claims he uses a Balun (BAlanced to UNbalanced); why? His "Long

> Wire" is pretty short, and he has an inadequate ground.
> What help can he be given?
> Bill--W4BSG
>
> -----Original Message-----
> From: Michael Walker
> Sent: Friday, April 05, 2013 9:57 AM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: Re: [LDG-auto-tuners] Re: AT-100 Pro II and Long Wire
>
> Have you tried any common mode chokes?
>
> Mike va3mw
>
> On Fri, Apr 5, 2013 at 3:28 AM, Douglas sparks06524@... wrote:
>
> > **
> > >
> > >
> > >
> > > Didn't he imply with his message subject that he was using an AT-100
Pro
> > > tuner, not just the tuner in the rig?
> > >
> > > I suspect his problems arise due to poor grounding. A single 6 ft
ground
> > > rod isn't enough of a good RF ground for a 100 ft end-fed wire
antenna.
> > >
> > > 73,
> > >
> > > Doug/WA1TUT
> > >
> > >
> >
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >

[Non-text portions of this message have been removed]

Yahoo! Groups Links

6134. Re: AT-100 Pro II and Long Wire

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-04-07 18:30:36 UTC
From: n7mch
Topic: 6116 Message: 6134

Hank,

Thanks for the information. My station and antenna grounds have worked with my AEA AT-300 tuner and both Yaesu and Kenwood rigs on HF, VHF and UHF.

I am still planning on going over my current ground system to see if it can be improved. One thing I have learned over the last 20+ year of operating is that every station configuration at every QTH has completely different characteristics and what works at one to establish optimal conditions at one can create issues at another.

I ran for several years from a second story QTH with no physical ground, no tuner into a G5RV Jr and qualified for several awards.

I can appreciate your estimate of confidence as mine generally falls within the same range. :-)

73 de N7MCH Walt
--- In LDG-auto-tuners@yahoogroups.com, Hank Greeb <n8xx@...> wrote:
>
>
> Walt.
>
> The only thing a poor ground will do is "burn" some RF in the ground
> system, rather than radiating it. For years I end fed a wire of about
> 100 feet, with a single ground steak, probably no longer than 3 or 4
> feet in "somewhat mediocre ground" and worked 40 states with one
crystal
> at 3721.9 KHz. This was long before the daze of computers, so RF
> floating around the shack only would give me an RF burn if it was of
any
> great magnitude, which it wasn't.
>
> And, I often run my LDG Z-100 tuner with a 33' length of wire and a
33'
> single counterpoise, with no ground steak at all when I'm out in the
> field, on 40 and 20. Yes, for all those "purists" on this reflector,
I
> know that on 20 the 33' counterpoise means the "chassis" ground is at
a
> high impedance part of the setup./ But it typically doesn't matter.
> If I ever did have a problem I'd double back the 33' length on the
> counterpoise and it would be a 1/4 wavelength on 20 meters which
should
> take care of any "floating RF."

>
> FWIW, my current "shack" is on the 2nd story, and I have no "ground"
> attached to the rig's chassis. I feed a dipole with 400 ohm (nominal)
> window line, and have a LDG balun (either 4/1 voltage balun or 1/1
> current balun) whichever works best for the band I'm using) between
the
> balanced line and the LDG-Z100 tuner. Maybe I'm lucky, but I can match
> all bands 80 through 10 with the tuner, and there's no RF floating
> around. The conventional wisdom says one NEEDS a physical ground, so,
I
> guess I'm violating some law of physics and/or electrical engineering.
> It works with 5 watts or less, or even in those rare occasions where I
> crank the rig up to 100 watts.
>
> I'd say that, in your case there must be some RF floating around on
the
> outside of your coax caused by proximity to the longwire antenna. A
> choke or what folks now call an "un-Un" just a few toroids large
enough
> to fit over the coax at the tuner and at the antenna, to provide a
high
> impedance for any RF which is picked up in the field of the antenna
> before can reach the rig. And, it's a good idea to ground the outside
> of the coax with whatever ground available (even a 6' ground steak) at
> both the antenna side and as close to where it enters the shack as
possible.
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> Using a MFJ artificial ground might solve your problem. We've used
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> of those @ Field day several times in the past to "tame" a "hot
chassis"
> on a rig, when we're too lazy to figure out from when the RF is
coming,
> because we have a balanced wire feeder which should not generate RF on
> the chassis.
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> There's nothing wrong with installing as large of a counterpoise
system
> near ground level, but I'd guess, with somewhere between 0 and 99.44%
> certainty that this is NOT causing your problem.
>
> Hope this helps.
>
> 72/73 de n8xx Hg
> QRP >99.44% of the time
>
> On 4/6/2013 3:11 PM, n7mch wrote:
> > Bill,
> > Actually, I have received quite a bit of information that will help
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and recommendations that come with the AT-100 and on the LDG web site state that a Balun should be used when connecting to a long, or in my case according to you, a short wire antenna.
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> > For grins, I have an old MFJ Artificial Ground that I used when operating my station from a second floor QTH. I may roll that out and run some experiments with it to see what happens.
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> > Worse case, I go back to my manual tuner and sell the AT-100 on eBay. Thanks for your comments.
> > 73 de N7MCH Walt
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> > --- In LDG-auto-tuners@yahoogroups.com, "Bill Aycock" billaycock@ wrote:
> >> This whole thread is a puzzzle. He has described a system with no balances element, yet claims he uses a Balun (BAlanced to UNbalanced); why? His "Long Wire" is pretty short, and he has an inadequate ground.
> >> What help can he be given?
> >> Bill--W4BSG
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> >> -----Original Message-----
> >> From: Michael Walker
> >> Sent: Friday, April 05, 2013 9:57 AM
> >> To: LDG-auto-tuners@yahoogroups.com
> >> Subject: Re: [LDG-auto-tuners] Re: AT-100 Pro II and Long Wire
> >>
> >> Have you tried any common mode chokes?
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> >> Mike va3mw
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> >> On Fri, Apr 5, 2013 at 3:28 AM, Douglas sparks06524@ wrote:
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> >> I suspect his problems arise due to poor grounding. A single 6 ft ground rod isn't enough of a good RF ground for a 100 ft end-fed wire antenna.
> >>
> >> 73,
> >>
> >> Doug/WA1TUT

>

[Non-text portions of this message have been removed]

6135. Re: AT-100 Pro II and Long Wire

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-04-07 18:48:13 UTC
From: n7mch
Topic: 6116 Message: 6135

Bill.

Good point about the septic system. I have a feed point to the tanks just a few feet from my ground point. I think I will stick another copper rod on the other side and see how that works. I also am fairly close to the under the house access and its always fairly damp under there. I may stick another rod or two there also.

Like I said, if you go to the LDG site you will see they specifically describe the use of current mode (RBA-1:1) balun or voltage mode (RBA-4:1) balun. To quote the instruction "manual", "Your LDG balun allows you to connect longwires and antennas fed with ladder line to your LDG tuner." Nowhere on their site or any documentation talks about the use of a common-mode choke.

That does not mean that I may not require the use of a common-mode choke and, since they are easy to construct, I am adding that to the list of things to try.

I might even try adding several to the current wire.

Thanks for your suggestions. They give me something to play with on those days when I do not have a list of "honey-dos" from the XYL, N7TIL.

73 de N7MCH Walt

--- In LDG-auto-tuners@yahoogroups.com, "Bill Aycock" <billaycock@...> wrote:
>
> Walt--
> Don't ignore the possibilities in that Septic system. The soil near the
> field lines is always moist, and the liquid should be somewhat conductive
> and changes little with season. If you know the location of the field
> lines, you might be able to offset ground rods to take advantage.
> I have a large stand of Timber Bamboo (4-5" Dia, around 50' tall) that is
> helped by such a field. The only problem with the Bamboo is that it is
> moving toward my Tower.
> Another factor-- I have an acquaintance who had to Zig-Zag his 160M long
> wire from tree to tree, in many directions to get enough length. I modeled
> it once, and it looks weird, but it worked.
> I think LDG may have meant "Common Mode Choke", when they wrote "Balun",
> like many other people do.
> Good luck--Bill--W4BSG
>

6136. Re: [LDG-auto-tuners] Re: AT-100 Pro II and Long Wire

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-04-07 20:04:01 UTC
From: Bill Aycock
Topic: 6116 Message: 6136

Walt--
I didn't know you used Ladder Line. How is it connected at each end? It is balanced, and usually is connected to unbalanced (Coax) at the rig or tuner end with a Balun. At the antenna end, how is it fed? is that where the LDG Balun is?
The beauty of Ladder line is not that it is easy to match, but that it is low-loss when miss-matched.
Bill--W4BSG

-----Original Message-----
From: n7mch
Sent: Sunday, April 07, 2013 1:48 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: AT-100 Pro II and Long Wire

Bill.

Good point about the septic system. I have a feed point to the tanks just a few feet from my ground point. I think I will stick another copper rod on the other side and see how that works. I also am fairly close to the under the house access and its always fairly damp under there. I may stick another rod or two there also.

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> Walt--
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> and changes little with season. If you know the location of the field
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> it once, and it looks weird, but it worked.
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> like many other people do.
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Yahoo! Groups Links

6137. Re: AT-100 Pro II and Long Wire

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-04-08 02:07:08 UTC
From: traburgess1945
Topic: 6116 Message: 6137

This weekend, I worked the Texas State Parks On The Air contest and was quite successful with my FT-817, the little LDG 817 tuner and an inverted V using 86 feet of wire with a 17 foot counterpoise parallel with the antenna. Here is information on this antenna:

http://home.frognet.net/~mcfadden/wd8rif/field-antennas.htm

Travis
K5HTB

--- In LDG-auto-tuners@yahoogroups.com, Hank Greeb <n8xx@...> wrote:
>
>
> Walt.
>
> The only thing a poor ground will do is "burn" some RF in the ground
> system, rather than radiating it. For years I end fed a wire of about
> 100 feet, with a single ground steak, probably no longer than 3 or 4
> feet in "somewhat mediocre ground" and worked 40 states with one crystal
> at 3721.9 KHz. This was long before the daze of computers, so RF
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> great magnitude, which it wasn't.
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> And, I often run my LDG Z-100 tuner with a 33' length of wire and a 33'
> single counterpoise, with no ground steak at all when I'm out in the
> field, on 40 and 20. Yes, for all those "purists" on this reflector, I
> know that on 20 the 33' counterpoise means the "chassis" ground is at a
> high impedance part of the setup./ But it typically doesn't matter.
> If I ever did have a problem I'd double back the 33' length on the
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> take care of any "floating RF."
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> FWIW, my current "shack" is on the 2nd story, and I have no "ground"
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> window line, and have a LDG balun (either 4/1 voltage balun or 1/1
> current balun) whichever works best for the band I'm using) between the
> balanced line and the LDG-Z100 tuner. Maybe I'm lucky, but I can match
> all bands 80 through 10 with the tuner, and there's no RF floating
> around. The conventional wisdom says one NEEDS a physical ground, so, I
> guess I'm violating some law of physics and/or electrical engineering.
> It works with 5 watts or less, or even in those rare occasions where I
> crank the rig up to 100 watts.
>
> I'd say that, in your case there must be some RF floating around on the
> outside of your coax caused by proximity to the longwire antenna. A

> choke or what folks now call an "un-Un" just a few toroids large enough
> to fit over the coax at the tuner and at the antenna, to provide a high
> impedance for any RF which is picked up in the field of the antenna
> before can reach the rig. And, it's a good idea to ground the outside
> of the coax with whatever ground available (even a 6' ground steak) at
> both the antenna side and as close to where it enters the shack as possible.
>
> Using a MFJ artificial ground might solve your problem. We've used one
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> on a rig, when we're too lazy to figure out from when the RF is coming,
> because we have a balanced wire feeder which should not generate RF on
> the chassis.
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> near ground level, but I'd guess, with somewhere between 0 and 99.44%
> certainty that this is NOT causing your problem.
>
> Hope this helps.
>
> 72/73 de n8xx Hg
> QRP >99.44% of the time
>
> On 4/6/2013 3:11 PM, n7mch wrote:
> > Bill,
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> > Worse case, I go back to my manual tuner and sell the AT-100 on eBay. Thanks for your comments.
> > 73 de N7MCH Walt
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> > --- In LDG-auto-tuners@yahoogroups.com, "Bill Aycock" <billaycock@> wrote:
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> >> What help can he be given?
> >> Bill--W4BSG
> >>
> >> -----Original Message-----

> >> From: Michael Walker
> >> Sent: Friday, April 05, 2013 9:57 AM
> >> To: LDG-auto-tuners@yahoogroups.com
> >> Subject: Re: [LDG-auto-tuners] Re: AT-100 Pro II and Long Wire
> >>
> >> Have you tried any common mode chokes?
> >>
> >> Mike va3mw
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> >> On Fri, Apr 5, 2013 at 3:28 AM, Douglas sparks06524@ wrote:
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> >> Didn't he imply with his message subject that he was using an AT-100 Pro tuner, not just the tuner in the rig?
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> >> I suspect his problems arise due to poor grounding. A single 6 ft ground rod isn't enough of a good RF ground for a 100 ft end-fed wire antenna.
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> >> 73,
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> >> Doug/WA1TUT
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6138. Z11Pro II not bypassing

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-04-09 07:15:13 UTC
From: m0lmk
Topic: 6138 Message: 6138

Hi group.

I have a Z11Pro II that just won't take a break. According to the manual, pressing the tune button once will make the LED's flash 3 times and put the tuner in bypass mode.

However, when I do this, the tuner still seems to click relays and tune the antenna. I did think that maybe the clicking is just the tuner resetting the relays to "bypass" but it will also do the same if I change band.

I have an FT-857 (10W) connected to a SWR bridge, then the tuner and an Alpha Delta DX-CC antenna.

The Alpha Delta DX-CC is resonant on 80, 40, 20, 15 and 10 meters so I would expect that the tuner would just sit quietly and not do anything.

As another test, I also put the tuner into bypass and called on 17m. I expected to see a high SWR but the tuner jumped in and started to tune.

Am I doing somthing wrong?

Thanks,

Matt

6139. Re: [LDG-auto-tuners] Z11Pro II not bypassing

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-04-09 15:07:50 UTC
From: Leonard K. Pennock
Topic: 6138 Message: 6139

A quick push on the tune button temporarily places the tuner in bypass
so you can spin around looking for signals. To keep it in bypass you
will need to set the tuner for semi-auto mode (Func C-Dwn) then it won't
tune unless you press the tune button with RF present.

Don't be surprised if you need a tuner on 15 meter with the DXCC. It
uses the 3rd harmonic of 40 so it may not be much better than a 3:1 swr
where you are interested in working. Depending on the vintage of your
857 it may start folding power back at 1.5-1.7:1 swr.

On 04/09/2013 12:15 AM, m0lmk wrote:
> Hi group.
>
> I have a Z11Pro II that just won't take a break. According to the manual, pressing the tune button once will make the LED's flash 3 times and put the tuner in bypass mode.
>
> However, when I do this, the tuner still seems to click relays and tune the antenna. I did think that maybe the clicking is just the tuner resetting the relays to "bypass" but it will also do the same if I change band.
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> The Alpha Delta DX-CC is resonant on 80, 40, 20, 15 and 10 meters so I would expect that the tuner would just sit quietly and not do anything.
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> As another test, I also put the tuner into bypass and called on 17m. I expected to see a high SWR but the tuner jumped in and started to tune.
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> Am I doing somthing wrong?
>
> Thanks,
>
> Matt
>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

--
Leonard K. Pennock
AD7AS

Those who walk bravely through life, unafraid of loss or failure,
find that they very rarely lose or fail.

6140. RE: [LDG-auto-tuners] Z11Pro II not bypassing

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-04-09 16:37:26 UTC
From: Matt
Topic: 6138 Message: 6140

Perfect!

Thanks Leonard. There was me thinking that "bypass" meant "bypass"!

Just tried it and it's now working as expected.

Matt

M0LMK

From: LDG-auto-tuners@yahoogroups.com
[mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Leonard K. Pennock
Sent: 09 April 2013 16:08
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] Z11Pro II not bypassing

A quick push on the tune button temporarily places the tuner in bypass
so you can spin around looking for signals. To keep it in bypass you
will need to set the tuner for semi-auto mode (Func C-Dwn) then it won't
tune unless you press the tune button with RF present.

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uses the 3rd harmonic of 40 so it may not be much better than a 3:1 swr
where you are interested in working. Depending on the vintage of your
857 it may start folding power back at 1.5-1.7:1 swr.

On 04/09/2013 12:15 AM, m0lmk wrote:
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pressing the tune button once will make the LED's flash 3 times and put the
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> The Alpha Delta DX-CC is resonant on 80, 40, 20, 15 and 10 meters so I
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> As another test, I also put the tuner into bypass and called on 17m. I
expected to see a high SWR but the tuner jumped in and started to tune.
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> Am I doing somthing wrong?

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> Thanks,
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> Matt
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--
Leonard K. Pennock
AD7AS

Those who walk bravely through life, unafraid of loss or failure,
find that they very rarely lose or fail.

[Non-text portions of this message have been removed]

6141. Re: AT-100 Pro II and Long Wire

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-04-09 18:31:07 UTC
From: n7mch
Topic: 6116 Message: 6141

Bill,
I do not use ladder line. I can see where you got that idea. The sentence I quoted, "Your LDG balun allows you to connect longwires and antennas fed with ladder line to your LDG tuner.", needs to be parsed correctly. :-)

Take a big pause between the word "longwires" and the phrase, "antennas fed with ladder line". They are meant as separate entities. If you download or look at the manual for the LDG Baluns on the web site, on page 4, you will see their illustration for connecting a longwire to their tuner through a balun.

The longwire is connected directly to the antenna terminal on the balun and a ground rod is connected directly to the ground terminal on the balun. The coax connection is then wired to the tuner.

That is exactly the configuration I have been running with, as I have said, with no balun, a voltage balun and a current balun without getting the AT-100 Pro II below 20m. The no balun configuration is not recommended by LDG but it was easy to rig up, so I tried it.

Thanks again for all your suggestions.

73 de N7MCH Walt--- In LDG-auto-tuners@yahoogroups.com, "Bill Aycock" <billaycock@...> wrote:
>
> Walt--
> I didn't know you used Ladder Line. How is it connected at each end? It is
> balanced, and usually is connected to unbalanced (Coax) at the rig or tuner
> end with a Balun. At the antenna end, how is it fed? is that where the LDG
> Balun is?
> The beauty of Ladder line is not that it is easy to match, but that it is
> low-loss when miss-matched.
> Bill--W4BSG
>
>
> -----Original Message-----
> From: n7mch
> Sent: Sunday, April 07, 2013 1:48 PM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: [LDG-auto-tuners] Re: AT-100 Pro II and Long Wire
>

>
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> Bill.
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> Good point about the septic system. I have a feed point to the tanks
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> few feet from my ground point. I think I will stick another copper
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> common-mode choke.
>
> That does not mean that I may not require the use of a common-mode
choke
> and, since they are easy to construct, I am adding that to the list of
> things to try.
>
> I might even try adding several to the current wire.
>
> Thanks for your suggestions. They give me something to play with on
those
> days when I do not have a list of "honey-dos" from the XYL, N7TIL.
>
> 73 de N7MCH Walt
>
> --- In LDG-auto-tuners@yahoogroups.com, "Bill Aycock" billaycock@
> wrote:
> >
> > Walt--
> > Don't ignore the possibilities in that Septic system. The soil near
the
> > field lines is always moist, and the liquid should be somewhat
conductive
> > and changes little with season. If you know the location of the
field
> > lines, you might be able to offset ground rods to take advantage.
> > I have a large stand of Timber Bamboo (4-5" Dia, around 50' tall)
that is
> > helped by such a field. The only problem with the Bamboo is that it

is
> > moving toward my Tower.
> > Another factor-- I have an acquaintance who had to Zig-Zag his 160M
long
> > wire from tree to tree, in many directions to get enough length. I
> > modeled
> > it once, and it looks weird, but it worked.
> > I think LDG may have meant "Common Mode Choke", when they wrote
"Balun",
> > like many other people do.
> > Good luck--Bill--W4BSG
> >
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>
> Yahoo! Groups Links
>

[Non-text portions of this message have been removed]

6142. Re: [LDG-auto-tuners] Re: AT-100 Pro II and Long Wire

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-04-09 23:00:30 UTC
From: Bill Aycock
Topic: 6116 Message: 6142

Walt--
I see the figure on page 4 of the LDG manual. From their note, the expect your 100' wire to be OK above about 80M.
How high is the Balun above ground?
Bill--W4BSG

-----Original Message-----
From: n7mch
Sent: Tuesday, April 09, 2013 1:31 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: AT-100 Pro II and Long Wire

Bill,
I do not use ladder line. I can see where you got that idea. The sentence I quoted, "Your LDG balun allows you to connect longwires and antennas fed with ladder line to your LDG tuner.", needs to be parsed correctly. :-)

Take a big pause between the word "longwires" and the phrase, "antennas fed with ladder line". They are meant as separate entities. If you download or look at the manual for the LDG Baluns on the web site, on page 4, you will see their illustration for connecting a longwire to their tuner through a balun.

The longwire is connected directly to the antenna terminal on the balun and a ground rod is connected directly to the ground terminal on the balun. The coax connection is then wired to the tuner.

That is exactly the configuration I have been running with, as I have said, with no balun, a voltage balun and a current balun without getting the AT-100 Pro II below 20m. The no balun configuration is not recommended by LDG but it was easy to rig up, so I tried it.

Thanks again for all your suggestions.

73 de N7MCH Walt--- In LDG-auto-tuners@yahoogroups.com, "Bill Aycock" <billaycock@...> wrote:
>
> Walt--
> I didn't know you used Ladder Line. How is it connected at each end? It is
> balanced, and usually is connected to unbalanced (Coax) at the rig or tuner
> end with a Balun. At the antenna end, how is it fed? is that where the LDG
> Balun is?
> The beauty of Ladder line is not that it is easy to match, but that it

is
> low-loss when miss-matched.
> Bill--W4BSG
>
>
> -----Original Message-----
> From: n7mch
> Sent: Sunday, April 07, 2013 1:48 PM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: [LDG-auto-tuners] Re: AT-100 Pro II and Long Wire
>
>
>
> Bill.
>
> Good point about the septic system. I have a feed point to the tanks
just a
> few feet from my ground point. I think I will stick another copper
rod on
> the other side and see how that works. I also am fairly close to the
under
> the house access and its always fairly damp under there. I may stick
> another rod or two there also.
>
> Like I said, if you go to the LDG site you will see they specifically
> describe the use of current mode (RBA-1:1) balun or voltage mode
(RBA-4:1)
> balun. To quote the instruction "manual", "Your LDG balun allows you
to
> connect longwires and antennas fed with ladder line to your LDG
tuner."
> Nowhere on their site or any documentation talks about the use of a
> common-mode choke.
>
> That does not mean that I may not require the use of a common-mode
choke
> and, since they are easy to construct, I am adding that to the list of
> things to try.
>
> I might even try adding several to the current wire.
>
> Thanks for your suggestions. They give me something to play with on
those
> days when I do not have a list of "honey-dos" from the XYL, N7TIL.
>
> 73 de N7MCH Walt
>
> --- In LDG-auto-tuners@yahoogroups.com, "Bill Aycock" billaycock@
> wrote:
> >

> > Walt--
> > Don't ignore the possibilities in that Septic system. The soil near
the
> > field lines is always moist, and the liquid should be somewhat
conductive
> > and changes little with season. If you know the location of the
field
> > lines, you might be able to offset ground rods to take advantage.
> > I have a large stand of Timber Bamboo (4-5" Dia, around 50' tall)
that is
> > helped by such a field. The only problem with the Bamboo is that it
is
> > moving toward my Tower.
> > Another factor-- I have an acquaintance who had to Zig-Zag his 160M
long
> > wire from tree to tree, in many directions to get enough length. I
> > modeled
> > it once, and it looks weird, but it worked.
> > I think LDG may have meant "Common Mode Choke", when they wrote
"Balun",
> > like many other people do.
> > Good luck--Bill--W4BSG
> >
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>
> Yahoo! Groups Links
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[Non-text portions of this message have been removed]

Yahoo! Groups Links

6144. Re: [LDG-auto-tuners] at 600Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-04-10 19:39:51 UTC
From: Joshua Mesilane
Topic: 6143 Message: 6144

You mention the rig but not the antenna. What is the antenna configuration?

VK3XJM
0416 039 082
http://www.zindello.com.au/
josh@...

On 11/04/2013, at 3:36, "gotidego" <nd4w@...> wrote:

> My 600 pro works great on all bands except 60 meters. I am using a Yaesu FT 950 with the 600 Pro, when I tune on a 60 meter channel and the tuner gets a good match, it won't hold the found match, if I immediately transmit on the exact same freq the 600 Pro goes through a full tune, and if I tune off freq and come back, same thing full tune cycle. I am using auto tune mode.
> Any solutions this is very aggravating
> ND4W
> Mike
>
>

[Non-text portions of this message have been removed]

6145. Re: AT-100 Pro II and Long Wire

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-04-10 19:43:45 UTC
From: n7mch
Topic: 6116 Message: 6145

Bill,

The Balun is located at the radio since that is where the long wire is being fed - out of the Kenwood, to the Balun, from the Balun to the longwire and ground.

Do you think it would be better if I ran a coax long enough to fed the Balun and the end of the longwire outside the shack and higher in the air? That would roughly but the Balun 20 ft above ground.

Thanks again. By the way, I am going to purchase several more ground rods this weekend and start creating a better grounding system.

73 de N7MCH Walt

--- In LDG-auto-tuners@yahoogroups.com, "Bill Aycock" <billaycock@...> wrote:
>
> Walt--
> I see the figure on page 4 of the LDG manual. From their note, the expect
> your 100' wire to be OK above about 80M.
> How high is the Balun above ground?
> Bill--W4BSG
>

6146. Re: at 600Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-04-10 20:51:37 UTC
From: gotidego
Topic: 6143 Message: 6146

A 110 ft dipole feed with 33.5 ft 300 ohm ladder line into a DX engineering 1:1 Balun at 31 ft

--- In LDG-auto-tuners@yahoogroups.com, Joshua Mesilane <josh@...> wrote:
>
> You mention the rig but not the antenna. What is the antenna configuration?
>
> ----
> VK3XJM
> 0416 039 082
> http://www.zindello.com.au/
> josh@...
>
> On 11/04/2013, at 3:36, "gotidego" <nd4w@...> wrote:
>
> > My 600 pro works great on all bands except 60 meters. I am using a Yaesu FT 950 with the 600 Pro, when I tune on a 60 meter channel and the tuner gets a good match, it won't hold the found match, if I immediately transmit on the exact same freq the 600 Pro goes through a full tune, and if I tune off freq and come back, same thing full tune cycle. I am using auto tune mode.
> > Any solutions this is very aggravating
> > ND4W
> > Mike
> >
> >
>
>
> [Non-text portions of this message have been removed]
>

6147. Re: [LDG-auto-tuners] Re: at 600Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-04-11 16:25:31 UTC
From: Furliips Stardust
Topic: 6143 Message: 6147

There in lies your problem.
Use 450 ohm window line and a 9:1 balun.

Jeff-1.0
wa6fwi

From: gotidego <nd4w@windstream.net>

A 110 ft dipole feed with 33.5 ft 300 ohm ladder line into a DX engineering 1:1 Balun at 31 ft

[Non-text portions of this message have been removed]

6148. LDG 600 Pro II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-04-11 01:32:28 UTC
From: bfdbox122
Topic: 6148 Message: 6148

Greeting to the group...

I have a problem with my new 600 Pro II that you folks may help me with.

I have a 200 Pro II that I use with a Kenwood TS-940 and a 41 foot vertical which works great and I could not ask for a better Auto tuner. Tunes fast and a low SWR on both the Bar Graph and a second SWR meter.

I purchased a 600 Pro II to use on the same setup with a amplifier in the future. It tunes OK on 40, 15 and 17 but not as low a SWR as the 200 Pro II. But it will not lock up on 20 and shows a SWR above 1:7 or above 2:0. I TX LDG but did not get my problem solved to my satisfaction. They suggested setting the SWR threshold higher than 1.7. I set it to 2.0 and higher with no better results. I switch back to my 200 Pro II and its 1.3 or better right away.

Any ideas? Thanks in advance.

Tom Carroll, W9CSX
Practice Safe CSX

6149. Re: [LDG-auto-tuners] Re: AT-100 Pro II and Long Wire

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-04-11 19:05:23 UTC
From: Bill Aycock
Topic: 6116 Message: 6149

Walt-- (a delayed answer)
Thanks for clearing that up. I see nothing out of line with that, except that a significant part of the wire is not higher. Just for curiosity-- how do you feed the wire to the outside?
About putting the Balun up at the wire, I see one potential question; assuming Coax feed, this makes the ground lead a part of a doublet, but grounded at the end. I will need to think some more about this. The lower end of the Coax shield and the ground wire are both at ground potential, but any location above that, the ground wire has a different current, because of radiation. Since this is the situation shown in the manual, maybe LDG has an answer.
Bill--W4BSG

-----Original Message-----
From: n7mch
Sent: Wednesday, April 10, 2013 2:43 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: AT-100 Pro II and Long Wire

Bill,

The Balun is located at the radio since that is where the long wire is being fed - out of the Kenwood, to the Balun, from the Balun to the longwire and ground.

Do you think it would be better if I ran a coax long enough to fed the Balun and the end of the longwire outside the shack and higher in the air? That would roughly but the Balun 20 ft above ground.

Thanks again. By the way, I am going to purchase several more ground rods this weekend and start creating a better grounding system.

73 de N7MCH Walt

--- In LDG-auto-tuners@yahoogroups.com, "Bill Aycock" <billaycock@...>
wrote:
>
> Walt--
> I see the figure on page 4 of the LDG manual. From their note, the expect
> your 100' wire to be OK above about 80M.
> How high is the Balun above ground?
> Bill--W4BSG
>

Yahoo! Groups Links

6150. Re: AT-100 Pro II and Long Wire - Correction

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-04-11 23:44:08 UTC
From: n7mch
Topic: 6116 Message: 6150

Bill,

I left out a very important bit of info in the first paragraph. It should read, "out of the Kenwood, to the LDG AT-100, then to the Balun, then to the longwire and ground.

Sorry.

73 de N7MCH Walt

--- In LDG-auto-tuners@yahoogroups.com, "n7mch" <n7mch@...> wrote:
>
> Bill,
>
> The Balun is located at the radio since that is where the long wire is being fed - out of the Kenwood, to the Balun, from the Balun to the longwire and ground.
>
> Do you think it would be better if I ran a coax long enough to fed the Balun and the end of the longwire outside the shack and higher in the air? That would roughly but the Balun 20 ft above ground.
>
> Thanks again. By the way, I am going to purchase several more ground rods this weekend and start creating a better grounding system.
>
> 73 de N7MCH Walt
>
> --- In LDG-auto-tuners@yahoogroups.com, "Bill Aycock" <billaycock@> wrote:
> >
> > Walt--
> > I see the figure on page 4 of the LDG manual. From their note, the expect
> > your 100' wire to be OK above about 80M.
> > How high is the Balun above ground?
> > Bill--W4BSG
> >
>

6151. Re: [LDG-auto-tuners] Re: AT-100 Pro II and Long Wire - Correction

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-04-12 01:19:39 UTC
From: Bill Aycock
Topic: 6116 Message: 6151

Walt--
Don't worry; That was my understanding, based on one of your earlier posts. You mentioned that the Balun was connected by Coax from either the Tuner or the Kenwood.
Another "curiosity" question; I have seen your area on a map (QRZ), and from above, but-- what is your altitude? I am at 1620 ft ASL, 1000 Ft above the (local) Tennessee river, on the highest point in several miles.
Bill--W4BSG

-----Original Message-----
From: n7mch
Sent: Thursday, April 11, 2013 6:44 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: AT-100 Pro II and Long Wire - Correction

Bill,

I left out a very important bit of info in the first paragraph. It should read, "out of the Kenwood, to the LDG AT-100, then to the Balun, then to the longwire and ground.

Sorry.

73 de N7MCH Walt

--- In LDG-auto-tuners@yahoogroups.com, "n7mch" <n7mch@...> wrote:
>
> Bill,
>
> The Balun is located at the radio since that is where the long wire is
> being fed - out of the Kenwood, to the Balun, from the Balun to the
> longwire and ground.
>
> Do you think it would be better if I ran a coax long enough to fed the
> Balun and the end of the longwire outside the shack and higher in the air?
> That would roughly but the Balun 20 ft above ground.
>
> Thanks again. By the way, I am going to purchase several more ground rods
> this weekend and start creating a better grounding system.
>
> 73 de N7MCH Walt
>
> --- In LDG-auto-tuners@yahoogroups.com, "Bill Aycock" <billaycock@> wrote:
> >
> > Walt--
> > I see the figure on page 4 of the LDG manual. From their note, the

> > expect
> > your 100' wire to be OK above about 80M.
> > How high is the Balun above ground?
> > Bill--W4BSG
> >
>

Yahoo! Groups Links

6152. LDG 100W tuners and Kenwood TS-590S

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-04-12 17:10:03 UTC
From: mcyman
Topic: 6152 Message: 6152

Hi All,
I have a Kenwood 590 and an IT-100 tuner, with Icom cable.
And was thinking about using the It-100 with my 590.

I was wondering if anyone has interfaced any LDG tuners with the 590?
My owners manual shows the 590 can be used with the Kenwood AT-300, as the 590 has a 6 pin Molex type connector on the rear chassis tor the AT 300.
The 590 AT connector has 13.8vdc,ground, a TS (Tune Start) and a TT control in/out connection.
I read somewhere that some of the lDG tuners can be used with Kenwood radios that can interface with the Kenwood AT-300.

Thanks rob N8RT

6153. Re: [LDG-auto-tuners] LDG 100W tuners and Kenwood TS-590S

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-04-12 17:28:46 UTC
From: Leonard K. Pennock
Topic: 6152 Message: 6153

You need the now discontinued Kenwood OTT module. Not even sure that
will work with the IT100 but should work with the generic LDG tuners.

On 04/12/2013 10:10 AM, mcyman wrote:
> Hi All,
> I have a Kenwood 590 and an IT-100 tuner, with Icom cable.
> And was thinking about using the It-100 with my 590.
>
> I was wondering if anyone has interfaced any LDG tuners with the 590?
> My owners manual shows the 590 can be used with the Kenwood AT-300, as the 590 has a 6 pin Molex type connector on the rear chassis tor the AT 300.
> The 590 AT connector has 13.8vdc,ground, a TS (Tune Start) and a TT control in/out connection.
> I read somewhere that some of the lDG tuners can be used with Kenwood radios that can interface with the Kenwood AT-300.
>
> Thanks rob N8RT
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

--
Leonard K. Pennock
AD7AS

Those who walk bravely through life, unafraid of loss or failure,
find that they very rarely lose or fail.

6154. Re: LDG 100W tuners and Kenwood TS-590S

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-04-16 00:29:21 UTC
From: Stefan
Topic: 6152 Message: 6154

You can use the new AT-600ProII and AT-1000ProII with this interface.
Look at http://af6sa.com/projects/UTI.html

73's de AF6SA

--- In LDG-auto-tuners@yahoogroups.com, "mcyman" <mcyman@...> wrote:
>
> Hi All,
> I have a Kenwood 590 and an IT-100 tuner, with Icom cable.
> And was thinking about using the It-100 with my 590.
>
> I was wondering if anyone has interfaced any LDG tuners with the 590?
> My owners manual shows the 590 can be used with the Kenwood AT-300, as the 590 has a 6 pin Molex type connector on the rear chassis tor the AT 300.
> The 590 AT connector has 13.8vdc,ground, a TS (Tune Start) and a TT control in/out connection.
> I read somewhere that some of the lDG tuners can be used with Kenwood radios that can interface with the Kenwood AT-300.
>
> Thanks rob N8RT
>

6155. Re: LDG 100W tuners and Kenwood TS-590S

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-04-16 07:30:10 UTC
From: Ken
Topic: 6152 Message: 6155

Hi Rob,

Unfortunately, you have the wrong tuner to use with the TS-590. The IT-100 is made specifically for use with Icom radios. The simplest and maybe even cheaper solution in the long run is to sell the IT-100 and replace it with a LDG tuner that will do the job with no hassle or need for an interface connection.

There are several LDG tuners that will work but from my experience I prefer the LDG Z11PRO. With this tuner no interface is required as the tuner works with RF sensing and the TS-590 has the provision to program a PF button to preform the tune function. I use PF A set for tuning (menu item 79 - set to 204 - TX Tune - Page 56 in manual). All I have to do is press PF A, the radio switches to CW and puts out a 10 watt carrier, the Z11PRO senses the RF and tunes. Nothing to it.. works great every time. I use 2 Z11PRO tuners with my TS-590 and have never had a single problem!

73 - Ken - VE5KC
- MM Hamsoft - http://hamsoft.ca
- VE5KC - http://ham-radio.ca
- Amateur Radio Link - http://amateur-radio.ca

--- In LDG-auto-tuners@yahoogroups.com, "mcyman" <mcyman@...> wrote:
>
> Hi All,
> I have a Kenwood 590 and an IT-100 tuner, with Icom cable.
> And was thinking about using the It-100 with my 590.
>
> I was wondering if anyone has interfaced any LDG tuners with the 590?
> My owners manual shows the 590 can be used with the Kenwood AT-300, as the 590 has a 6 pin Molex type connector on the rear chassis tor the AT 300.
> The 590 AT connector has 13.8vdc,ground, a TS (Tune Start) and a TT control in/out connection.
> I read somewhere that some of the lDG tuners can be used with Kenwood radios that can interface with the Kenwood AT-300.
>
> Thanks rob N8RT
>

6156. LDG 100W tuners and Kenwood TS-590S

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-04-18 00:02:02 UTC
From: mcyman
Topic: 6152 Message: 6156

I would like to thank all that responded to the Kenwood 590S, message that I posted.

Thanks to AD7AS, AF6SA, VE5KC and others.

I managed to obtain a LDG Z11Pro, and followed VE5KC info below, and Bingo , the Z11 and the 590 are working together very happily.
One press of the Kenwood PFA button and the tuner zero's out any SWR.

Many thanks Ken VE5KC for the info.

By the way, I did discover another great feature of the 590S, while testing tuners and antennas!

My antenna system consists of, 10ft of Rg58x,going into a 4:1 Balun, than, roughly another 30 ft of #28 wire, out of the balun, the other side of the balun is connected to a ground rod.
The Z11 was able to tune 80 to 6 meters perfectly.

I live in an HOA Antenna restricted community. And had to put up a Stealthy antenna, so far so good!

I than decided to see if the 590 tuner would be able to tune out the antenna SWR! So disconnected the Z11, and connected the antenna coax directly to the 590.
Much to my surprise I found that the 590 could also tune out the antenna SWR ,on most bands except 40, the 590 zeroed out the SWR on all of these Frequencies,
3.5,10.1,14.2,18.13,21.3,24.9, 28.3, and 50.1 Mhz. That is pretty amazing for any Transceiver's INTERNAL antenna tuner!

Most other Transceivers that I have owned, would never have tuned the antenna system that I have!

However, for some reason the 590 tuner could not get the 40 Meter band to tune out, the antenna's SWR ?

In the future I will try extending the Coax from the radio, I think that may fix the issue!

ROB N8RT

--- In LDG-auto-tuners@yahoogroups.com, "Ken" <ve5kc@...> wrote:
>
> Hi Rob,

>
> There are several LDG tuners that will work but from my experience I prefer the LDG Z11PRO. With this tuner no interface is required as the tuner works with RF sensing and the TS-590 has the provision to program a PF button to preform the tune function. I use PF A set for tuning (menu item 79 - set to 204 - TX Tune - Page 56 in manual). All I have to do is press PF A, the radio switches to CW and puts out a 10 watt carrier, the Z11PRO senses

the RF and tunes. Nothing to it.. works great every time. I use 2 Z11PRO tuners with my TS-590 and have never had a single problem!
>
> 73 - Ken - VE5KC
> - MM Hamsoft - http://hamsoft.ca
> - VE5KC - http://ham-radio.ca
> - Amateur Radio Link - http://amateur-radio.ca
> ----
>
> --- In LDG-auto-tuners@yahoogroups.com, "mcyman" <mcyman@> wrote:
> >
> > Hi All,
> > I have a Kenwood 590 and an IT-100 tuner, with Icom cable.
> > And was thinking about using the It-100 with my 590.
> >
> > I was wondering if anyone has interfaced any LDG tuners with the 590?
> > My owners manual shows the 590 can be used with the Kenwood AT-300, as the 590 has a 6 pin Molex type connector on the rear chassis tor the AT 300.
> > The 590 AT connector has 13.8vdc,ground, a TS (Tune Start) and a TT control in/out connection.
> > I read somewhere that some of the lDG tuners can be used with Kenwood radios that can interface with the Kenwood AT-300.
> >
> > Thanks rob N8RT
> >
>

6157. Re: LDG 100W tuners and Kenwood TS-590S

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-04-18 09:31:38 UTC
From: Ken
Topic: 6152 Message: 6157

Hi Rob,

Glad it worked out for you. I've had a couple other LDG tuners and found the Z11Pro was able to tune a much wider SWR range. The Z11Pro even did a good job of loading up the eave-troughs as a temp measure. I have a MFJ-993B that is also very forgiving with my antenna setups but is out of action due to MFJ using a cheap crap power switch. A common problem for most all users of this and some other models, the switches seldom last a year. It is getting warmer now so soon I will get it on the work bench, in my shed and solve the problem.

I also found the TS-590 tuner worked fairly good on my poor antenna. The problem for me is that it was no always consistent, I could not depend on it to always work the same. Sometimes it wouldn't even try to tune. The Z11Pro setup has proven to work reliably for me for years. Before I bought the TS-590, I uses the Z11Pro with several Icom rigs (with tuner cable). I'm glad I bought a tuner that was not tied to a particular radio brand. That made it easy to switch to the TS-590.

I also have to live with antenna restrictions, very limited space. I live in a seniors housing unit with a small yard. I get a way with more than many others. I can not attach anything to the house and even got a lot of hassle over running my coax into the building.

73.. Ken - VE5KC

--- In LDG-auto-tuners@yahoogroups.com, "mcyman" <mcyman@...> wrote:
>
> I would like to thank all that responded to the Kenwood 590S, message that I posted.
>
> Thanks to AD7AS, AF6SA, VE5KC and others.
>
> I managed to obtain a LDG Z11Pro, and followed VE5KC info below, and Bingo , the Z11 and the 590 are working together very happily.
> One press of the Kenwood PFA button and the tuner zero's out any SWR.
>
> Many thanks Ken VE5KC for the info.
>
> By the way, I did discover another great feature of the 590S, while testing tuners and antennas!
>
> My antenna system consists of, 10ft of Rg58x,going into a 4:1 Balun, than, roughly another 30 ft of #28 wire, out of the balun, the other side of the balun is connected to a ground rod.
> The Z11 was able to tune 80 to 6 meters perfectly.
>
> I live in an HOA Antenna restricted community. And had to put up a Stealthy antenna, so far so good!
>

> I than decided to see if the 590 tuner would be able to tune out the antenna SWR! So disconnected the Z11, and connected the antenna coax directly to the 590.
> Much to my surprise I found that the 590 could also tune out the antenna SWR ,on most bands except 40, the 590 zeroed out the SWR on all of these Frequencies, 3.5,10.1,14.2,18.13,21.3,24.9, 28.3, and 50.1 Mhz. That is pretty amazing for any Transceiver's INTERNAL antenna tuner!
>
> Most other Transceivers that I have owned, would never have tuned the antenna system that I have!
>
> However, for some reason the 590 tuner could not get the 40 Meter band to tune out, the antenna's SWR ?
>
> In the future I will try extending the Coax from the radio, I think that may fix the issue!
>
> ROB N8RT
>
>
>
>
>
>
> --- In LDG-auto-tuners@yahoogroups.com, "Ken" <ve5kc@> wrote:
> >
> > Hi Rob,
>
> >
> > There are several LDG tuners that will work but from my experience I prefer the LDG Z11PRO. With this tuner no interface is required as the tuner works with RF sensing and the TS-590 has the provision to program a PF button to preform the tune function. I use PF A set for tuning (menu item 79 - set to 204 - TX Tune - Page 56 in manual). All I have to do is press PF A, the radio switches to CW and puts out a 10 watt carrier, the Z11PRO senses the RF and tunes. Nothing to it.. works great every time. I use 2 Z11PRO tuners with my TS-590 and have never had a single problem!
> >
> > 73 - Ken - VE5KC
> > - MM Hamsoft - http://hamsoft.ca
> > - VE5KC - http://ham-radio.ca
> > - Amateur Radio Link - http://amateur-radio.ca
> > ----
> >
> > --- In LDG-auto-tuners@yahoogroups.com, "mcyman" <mcyman@> wrote:
> > >
> > > Hi All,
> > > I have a Kenwood 590 and an IT-100 tuner, with Icom cable.
> > > And was thinking about using the It-100 with my 590.
> > >
> > > I was wondering if anyone has interfaced any LDG tuners with the 590?
> > > My owners manual shows the 590 can be used with the Kenwood AT-300, as the 590 has a

6 pin Molex type connector on the rear chassis tor the AT 300.
> > > The 590 AT connector has 13.8vdc,ground, a TS (Tune Start) and a TT control in/out connection.
> > > I read somewhere that some of the lDG tuners can be used with Kenwood radios that can interface with the Kenwood AT-300.
> > >
> > > Thanks rob N8RT
> > >
> >
>

6158. Re: LDG 100W tuners and Kenwood TS-590S

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-04-19 16:13:26 UTC
From: mcyman
Topic: 6152 Message: 6158

Hi Ken, Ok on your Antenna restrictions as well. And I am sure you will have not have any trouble repairing the 993 switch.

I did try my 590 on several bands and it always tuned very quickly, and I did not have to fiddle with the AT button more that once! My 590 is about 6 months old ,and has version 1.07 firmware update;

I was surprised to read in the Z11 owners manual that the Z11Pro has 8,000 memories, that is amazing. And it is Keeper!

Ken, I wanted to mention to you that you might want to consider trying RemoteHams.com , Just download the Client software you can ask permission to transmit after uploading a copy of your license.

When my QTH was in a different location, I had REMOTEHAMS Server up and running, I Focused on allowing permission for transmitting, for hams with antenna restrictions.

Anyway just may be another way to enjoy ham radio!
All one needs is a Computer on the internet, running XP or win7/8.

By the way I was able to get the Dedicated IT-100 up and running by supplying DC Power to the 4 pin Molex connector, and setting the 590 manually to 10 Watts , and it worked OK as well.

But your right , a non dedicated tuner allows more flexibility.
Glad you led me to the Z11 Pro
Enjoy the Day.
73 Rob n8RT

--- In LDG-auto-tuners@yahoogroups.com, "Ken" <ve5kc@...> wrote:
>
> Hi Rob,
>
> Glad it worked out for you. I've had a couple other LDG tuners and found the Z11Pro was able to tune a much wider SWR range. The Z11Pro even did a good job of loading up the eave-troughs as a temp measure. I have a MFJ-993B that is also very forgiving with my antenna setups but is out of action due to MFJ using a cheap crap power switch. A common problem for most all users of this and some other models, the switches seldom last a year. It is getting warmer now so soon I will get it on the work bench, in my shed and solve the problem.
>
> I also found the TS-590 tuner worked fairly good on my poor antenna. The problem for me is that it was no always consistent, I could not depend on it to always work the same. Sometimes it wouldn't even try to tune. The Z11Pro setup has proven to work reliably for me for years. Before I bought the TS-590, I uses the Z11Pro with several Icom rigs (with tuner cable). I'm glad I bought a tuner that was not tied to a particular radio brand. That made it easy to switch to the TS-590.

>
> I also have to live with antenna restrictions, very limited space. I live in a seniors housing unit with a small yard. I get a way with more than many others. I can not attach anything to the house and even got a lot of hassle over running my coax into the building.
>
> 73.. Ken - VE5KC
>
> --- In LDG-auto-tuners@yahoogroups.com, "mcyman" <mcyman@> wrote:
> >
> > I would like to thank all that responded to the Kenwood 590S, message that I posted.
> >
> > Thanks to AD7AS, AF6SA, VE5KC and others.
> >
> > I managed to obtain a LDG Z11Pro, and followed VE5KC info below, and Bingo , the Z11 and the 590 are working together very happily.
> > One press of the Kenwood PFA button and the tuner zero's out any SWR.
> >
> > Many thanks Ken VE5KC for the info.
> >
> > By the way, I did discover another great feature of the 590S, while testing tuners and antennas!
> >
> > My antenna system consists of, 10ft of Rg58x,going into a 4:1 Balun, than, roughly another 30 ft of #28 wire, out of the balun, the other side of the balun is connected to a ground rod.
> > The Z11 was able to tune 80 to 6 meters perfectly.
> >
> > I live in an HOA Antenna restricted community. And had to put up a Stealthy antenna, so far so good!
> >
> > I than decided to see if the 590 tuner would be able to tune out the antenna SWR! So disconnected the Z11, and connected the antenna coax directly to the 590.
> > Much to my surprise I found that the 590 could also tune out the antenna SWR ,on most bands except 40, the 590 zeroed out the SWR on all of these Frequencies, 3.5,10.1,14.2,18.13,21.3,24.9, 28.3, and 50.1 Mhz. That is pretty amazing for any Transceiver's INTERNAL antenna tuner!
> >
> > Most other Transceivers that I have owned, would never have tuned the antenna system that I have!
> >
> > However, for some reason the 590 tuner could not get the 40 Meter band to tune out, the antenna's SWR ?
> >
> > In the future I will try extending the Coax from the radio, I think that may fix the issue!
> >
> > ROB N8RT
> >
> >
> >

> >
> >
> >
> > --- In LDG-auto-tuners@yahoogroups.com, "Ken" <ve5kc@> wrote:
> > >
> > > Hi Rob,
> > >
> > >
> > > There are several LDG tuners that will work but from my experience I prefer the LDG Z11PRO. With this tuner no interface is required as the tuner works with RF sensing and the TS-590 has the provision to program a PF button to preform the tune function. I use PF A set for tuning (menu item 79 - set to 204 - TX Tune - Page 56 in manual). All I have to do is press PF A, the radio switches to CW and puts out a 10 watt carrier, the Z11PRO senses the RF and tunes. Nothing to it.. works great every time. I use 2 Z11PRO tuners with my TS-590 and have never had a single problem!
> > >
> > > 73 - Ken - VE5KC
> > > - MM Hamsoft - http://hamsoft.ca
> > > - VE5KC - http://ham-radio.ca
> > > - Amateur Radio Link - http://amateur-radio.ca
> > > ----
> > >
> > > --- In LDG-auto-tuners@yahoogroups.com, "mcyman" <mcyman@> wrote:
> > > >
> > > > Hi All,
> > > > I have a Kenwood 590 and an IT-100 tuner, with Icom cable.
> > > > And was thinking about using the It-100 with my 590.
> > > >
> > > > I was wondering if anyone has interfaced any LDG tuners with the 590?
> > > > My owners manual shows the 590 can be used with the Kenwood AT-300, as the 590 has a 6 pin Molex type connector on the rear chassis tor the AT 300.
> > > > The 590 AT connector has 13.8vdc,ground, a TS (Tune Start) and a TT control in/out connection.
> > > > I read somewhere that some of the lDG tuners can be used with Kenwood radios that can interface with the Kenwood AT-300.
> > > >
> > > > Thanks rob N8RT
> > > >
> > >
> > >
> >
>

6159. YT-100 Current Draw on 13.8v CAT Port???

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-04-23 17:22:14 UTC
From: gregoryd99
Topic: 6159 Message: 6159

Does anyone know how much current the YT-100 draws on the 857D CAT port 13.8v line? I blew the surface-mount 3amp fuse on the Main board and now VERY nervous after replacing it and getting the YT working again.

6160. Re: YT 100 trouble

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-04-23 17:20:16 UTC
From: gregoryd99
Topic: 5397 Message: 6160

PS: You can check the 13.8v line on the CATA port to see if the voltage is there. That's how I found out I had blown the fuse.

--- In LDG-auto-tuners@yahoogroups.com, "BJN644" <bartnewhouse@...> wrote:
>
> Hello all,
> Purchased a used YT 100 at a hamfest to use on my FT857D. I have connected the tuner and radio together and made menu changes, 4800 baud rate, CAT selected, as shown on the YouTube instructional video. I push the tune button on the tuner and nothing happens, no light, no noise, nothing. I have tried 2 different coax jumpers, checked each terminal of the mini-din cable with an ohm meter .Anything to check before I write this off as another reason to not buy used gear at a hamfest?
>
> Thanks
>

6161. Re: YT 100 trouble

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-04-23 17:19:29 UTC
From: gregoryd99
Topic: 5397 Message: 6161

Mine exhibited the same symptoms the 2nd time I connected it to my 857D. I diagnosed it had taken out the 3amp fuse in the radio. I replaced the fuse (this is a very tiny surface-mount part) and everything is working normal again. I'm not sure why or how this happend, but make sure you connect everything up and THEN turn the radio on. Also, make sure the ATAS menu is set OFF.
73, Dennis WU6X

--- In LDG-auto-tuners@yahoogroups.com, "BJN644" <bartnewhouse@...> wrote:
>
> Hello all,
> Purchased a used YT 100 at a hamfest to use on my FT857D. I have connected the tuner and radio together and made menu changes, 4800 baud rate, CAT selected, as shown on the YouTube instructional video. I push the tune button on the tuner and nothing happens, no light, no noise, nothing. I have tried 2 different coax jumpers, checked each terminal of the mini-din cable with an ohm meter .Anything to check before I write this off as another reason to not buy used gear at a hamfest?
>
> Thanks
>

6162. Re: YT-100 Current Draw on 13.8v CAT Port???

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-04-24 04:14:16 UTC
From: gregoryd99
Topic: 6159 Message: 6162

FYI, for those following this thread. LDG says the YT-100 draws a max of 300ma on tune, 7ma on standby.

--- In LDG-auto-tuners@yahoogroups.com, "gregoryd99" <WU6X@...> wrote:
>
> Does anyone know how much current the YT-100 draws on the 857D CAT port 13.8v line? I blew the surface-mount 3amp fuse on the Main board and now VERY nervous after replacing it and getting the YT working again.
>

6163. Z-11Pro Clone

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-04-28 22:23:59 UTC
From: Dwayne
Topic: 6163 Message: 6163

Just in case no one has seen it on e-bay. There is a company in China making an almost identical clone of the Z-11ProII

Here is the e-bay listing:

http://www.ebay.com/itm/50M-120W-SW-short-wave-Automatic-Antenna-Turner-Ham-Radio-/230954034187?pt=LH_DefaultDomain_0&hash=item35c5eee40b

Hard to believe that they copied it and still charging $20 more. We'll see more of these as time goes by.

Dwayne Kincaid
LDG

6164. Re: [LDG-auto-tuners] Z-11Pro Clone

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-04-29 14:01:02 UTC
From: Craig
Topic: 6163 Message: 6164

Unreal! I wonder if they copied the code or even how they would do that. As the saying goes: imitation is the sincerest form of flattery.

Craig

On Apr 28, 2013, at 6:23 PM, "Dwayne" <ldgyahoo@...> wrote:

> Just in case no one has seen it on e-bay. There is a company in China making an almost identical clone of the Z-11ProII
>
> Here is the e-bay listing:
>
> http://www.ebay.com/itm/50M-120W-SW-short-wave-Automatic-Antenna-Turner-Ham-Radio-/230954034187?pt=LH_DefaultDomain_0&hash=item35c5eee40b
>
> Hard to believe that they copied it and still charging $20 more. We'll see more of these as time goes by.
>
> Dwayne Kincaid
> LDG
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

6165. Re: Z-11Pro Clone

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-04-29 16:26:55 UTC
From: traburgess1945
Topic: 6163 Message: 6165

I reported it to Ebay as a possible patent infringement.

Travis
K5HTB

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
> Just in case no one has seen it on e-bay. There is a company in China making an almost identical clone of the Z-11ProII
>
> Here is the e-bay listing:
>
> http://www.ebay.com/itm/50M-120W-SW-short-wave-Automatic-Antenna-Turner-Ham-Radio-/230954034187?pt=LH_DefaultDomain_0&hash=item35c5eee40b
>
> Hard to believe that they copied it and still charging $20 more. We'll see more of these as time goes by.
>
> Dwayne Kincaid
> LDG
>

6166. Re: [LDG-auto-tuners] Re: Z-11Pro Clone

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-04-29 16:37:07 UTC
From: i2jjr-hotmail.com
Topic: 6163 Message: 6166

Were that no used material made by LDG, Dwayne?
Augusto
Il 29/04/2013 18.26, traburgess1945 ha scritto:
>
>
> I reported it to Ebay as a possible patent infringement.
>
> Travis
> K5HTB
>
> ------------------------------
> --- In LDG-auto-tuners@yahoogroups.com
> <mailto:LDG-auto-tuners%40yahoogroups.com>, "Dwayne" <ldgyahoo@...> wrote:
> >
> > Just in case no one has seen it on e-bay. There is a company in
> China making an almost identical clone of the Z-11ProII
> >
> > Here is the e-bay listing:
> >
> >
> http://www.ebay.com/itm/50M-120W-SW-short-wave-Automatic-Antenna-Turner-Ham-Radio-/230954034187?pt=LH_DefaultDomain_0&hash=item35c5eee40b
>
> >
> > Hard to believe that they copied it and still charging $20 more.
> We'll see more of these as time goes by.
> >
> > Dwayne Kincaid
> > LDG
> >
>
>

[Non-text portions of this message have been removed]

6167. RE: [LDG-auto-tuners] Re: Z-11Pro Clone

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-04-29 17:26:59 UTC
From: Rick Johnson
Topic: 6163 Message: 6167

Ha! But it's an Antenna "Turner".....
73,Rick W3BI

To: LDG-auto-tuners@yahoogroups.com
From: traburgess1945@...
Date: Mon, 29 Apr 2013 16:26:55 +0000
Subject: [LDG-auto-tuners] Re: Z-11Pro Clone

I reported it to Ebay as a possible patent infringement.

Travis

K5HTB

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:

>

> Just in case no one has seen it on e-bay. There is a company in China making an almost identical clone of the Z-11ProII

>

> Here is the e-bay listing:

>

> http://www.ebay.com/itm/50M-120W-SW-short-wave-Automatic-Antenna-Turner-Ham-Radio-/230954034187?pt=LH_DefaultDomain_0&hash=item35c5eee40b

>

> Hard to believe that they copied it and still charging $20 more. We'll see more of these as time goes by.

>

> Dwayne Kincaid

> LDG

>

[Non-text portions of this message have been removed]

6168. Re: Z-11Pro Clone

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-04-29 18:36:12 UTC
From: ik3umt
Topic: 6163 Message: 6168

It's a new LDG's branch Dwaine opened in china !!!!!
He can't resist to globalization......

73
Federico
ik3umt

6169. Re: [LDG-auto-tuners] Re: Z-11Pro Clone

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-04-30 10:52:21 UTC
From: i2jjr-hotmail.com
Topic: 6163 Message: 6169

HI! Vy good!
73 de Augusto I2JJR / HB9TZA
Il 29/04/2013 20.36, ik3umt ha scritto:
>
> It's a new LDG's branch Dwaine opened in china !!!!!
> He can't resist to globalization......
>
> 73
> Federico
> ik3umt
>
>

[Non-text portions of this message have been removed]

6170. Re: Z-11Pro Clone

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-04-30 09:55:27 UTC
From: the_shamen
Topic: 6163 Message: 6170

Also add in:

Chinese HF Transceiver @ $290
http://www.kightradio.com/X1M-QRP-SSBCW-Transceiver_p_305.html

Chinese Antenna Analyzer @ $139
http://tiny.cc/Chinese_Antenna_Analyzer

You really can have a Chinese To-Go / Take-Away :O

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
> Just in case no one has seen it on e-bay. There is a company in China making an almost identical clone of the Z-11ProII
>
> Here is the e-bay listing:
>
> http://www.ebay.com/itm/50M-120W-SW-short-wave-Automatic-Antenna-Turner-Ham-Radio-/230954034187?pt=LH_DefaultDomain_0&hash=item35c5eee40b
>
> Hard to believe that they copied it and still charging $20 more. We'll see more of these as time goes by.
>
> Dwayne Kincaid
> LDG
>

6171. Re: Z-11Pro Clone

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-05-01 00:11:45 UTC
From: brad_ka3yan
Topic: 6163 Message: 6171

Also reported.

73,
Brad

--- In LDG-auto-tuners@yahoogroups.com, "traburgess1945" <traburgess1945@...> wrote:
>
>
> I reported it to Ebay as a possible patent infringement.
>
> Travis
> K5HTB
>
> ------------------------------
> --- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@> wrote:
> >
> > Just in case no one has seen it on e-bay. There is a company in China making an almost identical clone of the Z-11ProII
> >
> > Here is the e-bay listing:
> >
> > http://www.ebay.com/itm/50M-120W-SW-short-wave-Automatic-Antenna-Turner-Ham-Radio-/230954034187?pt=LH_DefaultDomain_0&hash=item35c5eee40b
> >
> > Hard to believe that they copied it and still charging $20 more. We'll see more of these as time goes by.
> >
> > Dwayne Kincaid
> > LDG
> >
>

6172. Re: Z-11Pro Clone

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-05-01 01:30:17 UTC
From: Jim Dale
Topic: 6163 Message: 6172

Wow You could at least change the design a little bit.
Jim D

6173. Re: Z-11Pro Clone

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-05-01 14:14:51 UTC
From: Dwayne
Topic: 6163 Message: 6173

Hi Folks,

The US and China does not have a reciprocal patent agreement, so there cannot be an infringement. It would be more likely a copyright issue, but since they have no stores in the US, that is also unenforceable.

Thanks for the concern though,

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "brad_ka3yan" <bradm75@...> wrote:
>
> Also reported.
>
> 73,
> Brad
>
> --- In LDG-auto-tuners@yahoogroups.com, "traburgess1945" <traburgess1945@> wrote:
> >
> >
> > I reported it to Ebay as a possible patent infringement.
> >
> > Travis
> > K5HTB
> >
> > ------------------------------
> > --- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@> wrote:
> > >
> > > Just in case no one has seen it on e-bay. There is a company in China making an almost identical clone of the Z-11ProII
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> > > http://www.ebay.com/itm/50M-120W-SW-short-wave-Automatic-Antenna-Turner-Ham-Radio-/230954034187?pt=LH_DefaultDomain_0&hash=item35c5eee40b
> > >
> > > Hard to believe that they copied it and still charging $20 more. We'll see more of these as time goes by.
> > >
> > > Dwayne Kincaid
> > > LDG
> > >
> >
>

6174. Re: [LDG-auto-tuners] Re: Z-11Pro Clone

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-05-01 14:26:59 UTC
From: Leonard K. Pennock
Topic: 6163 Message: 6174

That is the case in a lot of countries. I had a patent that got
accepted in Korea but the US didn't accept it. Good for a chuckle.

On 05/01/2013 07:14 AM, Dwayne wrote:
> Hi Folks,
>
> The US and China does not have a reciprocal patent agreement, so there cannot be an infringement. It would be more likely a copyright issue, but since they have no stores in the US, that is also unenforceable.
>
> Thanks for the concern though,
>
> Dwayne Kincaid
> LDG
>
> --- In LDG-auto-tuners@yahoogroups.com, "brad_ka3yan" <bradm75@...> wrote:
>>
>> Also reported.
>>
>> 73,
>> Brad
>>
>> --- In LDG-auto-tuners@yahoogroups.com, "traburgess1945" <traburgess1945@> wrote:
>>>
>>>
>>> I reported it to Ebay as a possible patent infringement.
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>>> Travis
>>> K5HTB
>>>
>>> ------------------------------
>>> --- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@> wrote:
>>>>
>>>> Just in case no one has seen it on e-bay. There is a company in China making an almost identical clone of the Z-11ProII
>>>>
>>>> Here is the e-bay listing:
>>>>
>>>> http://www.ebay.com/itm/50M-120W-SW-short-wave-Automatic-Antenna-Turner-Ham-Radio-/230954034187?pt=LH_DefaultDomain_0&hash=item35c5eee40b
>>>>
>>>> Hard to believe that they copied it and still charging $20 more. We'll see more of these as time goes by.
>>>>
>>>> Dwayne Kincaid

>>>> LDG
>>>>
>>>
>>
>
>
>
>
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>
> Yahoo! Groups Links
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>

--
Leonard K. Pennock
AD7AS

Those who walk bravely through life, unafraid of loss or failure,
find that they very rarely lose or fail.

6175. Re: [LDG-auto-tuners] Re: Z-11Pro Clone

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-05-01 14:16:38 UTC
From: JP P
Topic: 6163 Message: 6175

Dwayne, As eBay is an AMERICAN company and they are listing the wares on
that same companies website, I would look at this as a possible.... cheers.

On Wed, May 1, 2013 at 7:14 AM, Dwayne <ldgyahoo@...> wrote:

> **
>
>
> Hi Folks,
>
> The US and China does not have a reciprocal patent agreement, so there
> cannot be an infringement. It would be more likely a copyright issue, but
> since they have no stores in the US, that is also unenforceable.
>
> Thanks for the concern though,
>
> Dwayne Kincaid
> LDG
>
> --- In LDG-auto-tuners@yahoogroups.com, "brad_ka3yan" <bradm75@...> wrote:
> >
> > Also reported.
> >
> > 73,
> > Brad
> >
> > --- In LDG-auto-tuners@yahoogroups.com, "traburgess1945"
> <traburgess1945@> wrote:
> > >
> > >
> > > I reported it to Ebay as a possible patent infringement.
> > >
> > > Travis
> > > K5HTB
> > >
> > > ------------------------------
> > > --- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@> wrote:
> > > >
> > > > Just in case no one has seen it on e-bay. There is a company in
> China making an almost identical clone of the Z-11ProII
> > > >
> > > > Here is the e-bay listing:
> > > >
> > > >
> http://www.ebay.com/itm/50M-120W-SW-short-wave-Automatic-Antenna-Turner-Ham-Radio-/23095

4034187?pt=LH_DefaultDomain_0&hash=item35c5eee40b
> > > >
> > > > Hard to believe that they copied it and still charging $20 more.
> We'll see more of these as time goes by.
> > > >
> > > > Dwayne Kincaid
> > > > LDG
> > > >
> > >
> >
>
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>

[Non-text portions of this message have been removed]

6176. Re: [LDG-auto-tuners] Re: Z-11Pro Clone

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-05-01 18:29:52 UTC
From: Richard Solomon
Topic: 6163 Message: 6176

But, I'll bet filing a complaint with US Customs would do it. Look what
the NFL did to
those off-shore guys selling NFL Jerseys. No matter if the same guy made
the Jersey
for the NFL, just don't undercut our exhorbitant price !!

73, Dick, W1KSZ

On 5/1/2013 7:16 AM, JP P wrote:
> Dwayne, As eBay is an AMERICAN company and they are listing the wares on
> that same companies website, I would look at this as a possible.... cheers.
>
>
> On Wed, May 1, 2013 at 7:14 AM, Dwayne <ldgyahoo@...> wrote:
>
>> **
>>
>>
>> Hi Folks,
>>
>> The US and China does not have a reciprocal patent agreement, so there
>> cannot be an infringement. It would be more likely a copyright issue, but
>> since they have no stores in the US, that is also unenforceable.
>>
>> Thanks for the concern though,
>>
>> Dwayne Kincaid
>> LDG
>>
>> --- In LDG-auto-tuners@yahoogroups.com, "brad_ka3yan" <bradm75@...> wrote:
>>> Also reported.
>>>
>>> 73,
>>> Brad
>>>
>>> --- In LDG-auto-tuners@yahoogroups.com, "traburgess1945"
>> <traburgess1945@> wrote:
>>>>
>>>> I reported it to Ebay as a possible patent infringement.
>>>>
>>>> Travis
>>>> K5HTB
>>>>
>>>> ------------------------------
>>>> --- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@> wrote:

>>>>> Just in case no one has seen it on e-bay. There is a company in
>> China making an almost identical clone of the Z-11ProII
>>>>> Here is the e-bay listing:
>>>>>
>>>>>
>> http://www.ebay.com/itm/50M-120W-SW-short-wave-Automatic-Antenna-Turner-Ham-Radio-/230954034187?pt=LH_DefaultDomain_0&hash=item35c5eee40b
>>>>> Hard to believe that they copied it and still charging $20 more.
>> We'll see more of these as time goes by.
>>>>> Dwayne Kincaid
>>>>> LDG
>>>>>
>>
>>
>
> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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6177. Re: [LDG-auto-tuners] Re: Z-11Pro Clone

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-05-01 19:07:27 UTC
From: Furliips Stardust
Topic: 6163 Message: 6177

Complain to eBay? That's pretty funny. There a thousands of Chinese products on eBay every day.
And why are they there? Certainly not because they love to lose money on auction fees because nobody buys the products.

Yes, the Chinese tuner does look like an LDG Z11 ProII. Doesn't mean it _is_ one though. And be honest about it, if they were selling for $49, you guys would be sucking them up.

Armchair lawyers and engineers. Always good for a laugh. You're an embarrassment to the fraternity.

Jeff-1.0
wa6fwi

[Non-text portions of this message have been removed]

6178. Re: Z-11Pro Clone

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-05-01 20:07:59 UTC
From: Steve
Topic: 6163 Message: 6178

I wonder how Icom must feel!
They claim that the radio "The X1M can be operated via computer using the Ham Radio Deluxe program with Icon IC-718 settings"
Regards.
Steve
AB2ET/4

--- In LDG-auto-tuners@yahoogroups.com, "the_shamen" <xwebsubs@...> wrote:
>
>
>
>
> Also add in:
>
> Chinese HF Transceiver @ $290
> http://www.kightradio.com/X1M-QRP-SSBCW-Transceiver_p_305.html
>
> Chinese Antenna Analyzer @ $139
> http://tiny.cc/Chinese_Antenna_Analyzer
>
> You really can have a Chinese To-Go / Take-Away :O
>
>
>
> --- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@> wrote:
> >
> > Just in case no one has seen it on e-bay. There is a company in China making an almost identical clone of the Z-11ProII
> >
> > Here is the e-bay listing:
> >
> > http://www.ebay.com/itm/50M-120W-SW-short-wave-Automatic-Antenna-Turner-Ham-Radio-/230954034187?pt=LH_DefaultDomain_0&hash=item35c5eee40b
> >
> > Hard to believe that they copied it and still charging $20 more. We'll see more of these as time goes by.
> >
> > Dwayne Kincaid
> > LDG
> >
>

6180. NEW! Kenwood interface for ProII Tuners

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-05-01 21:43:30 UTC
From: Stefan
Topic: 6180 Message: 6180

Features:

Radio Interface
Tune button on the transceiver can be used to start tuning or bypass the tuner.

Remote Control Panel (optional)
Using just 2 LED's and a push button to change antenna ports on remotely installed tuner.

Computer Control (optional)
Connect to PC LPT port to switch between antenna ports or bypass the tuner.
Ham Radio Deluxe can be configured to automatically change antenna when changing bands.

Automatic Power Amplifier Control
Safely switch OFF the Power Amplifier during tuning, changing antenna ports or bypass operations.

More info at http://www.af6sa.com/projects/UTI.html

73's de AF6SA

6181. Re: Z-11Pro Clone

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-05-01 21:48:12 UTC
From: Dwayne
Topic: 6163 Message: 6181

Hi Folks,

Thanks for all of the support. Any way you look at it, this is part of the business. We look at ourselves as innovators in this hobby, so almost all of our products are unique in some fashion and will inevitably be used by someone else.

We can't go around suing everyone that copies the stuff that we do. If that were the case, the list of lawsuits would be very long and we wouldn't have time to build new products for you.

Just off the top of my head every company that sells autotuners in the ham market (with the exception of SGC, Kenwood and Yaesu) has outright stolen or borrowed some of the innovations that we have come up with.

My guess is there will be more in the future. It's part of how it the system works.

Dwayne Kincaid
LDG

6182. Re: [LDG-auto-tuners] Re: Z-11Pro Clone

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-05-01 22:05:34 UTC
From: Joe
Topic: 6163 Message: 6182

Cheap price does not always equate to a value.

When I buy from a reputable company like LDG I receive technical support, repair options and a manual that is not written in Chinglish.

Thanks Dwayne for a reasonably priced product and product support.

73, Joe, K1ike

6185. Re: [LDG-auto-tuners] Re: Z-11Pro Clone

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-05-02 12:08:35 UTC
From: i2jjr-hotmail.com
Topic: 6163 Message: 6185

Hi Dwayne,
I'm sorry to say that you're right; we may like it or not, but its' the way the system works.
We may only hope that sometime something will change; as we say here, hope is the last to die.
73 de Augusto I2JJR

Il 01/05/2013 23.48, Dwayne ha scritto:
>
>
> Hi Folks,
>
> Thanks for all of the support. Any way you look at it, this is part of
> the business. We look at ourselves as innovators in this hobby, so
> almost all of our products are unique in some fashion and will
> inevitably be used by someone else.
>
> We can't go around suing everyone that copies the stuff that we do. If
> that were the case, the list of lawsuits would be very long and we
> wouldn't have time to build new products for you.
>
> Just off the top of my head every company that sells autotuners in the
> ham market (with the exception of SGC, Kenwood and Yaesu) has outright
> stolen or borrowed some of the innovations that we have come up with.
>
> My guess is there will be more in the future. It's part of how it the
> system works.
>
> Dwayne Kincaid
> LDG
>
>

[Non-text portions of this message have been removed]

6186. Re: Z-11Pro Clone

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-05-02 17:07:56 UTC
From: systormalong
Topic: 6163 Message: 6186

Actually,I beleive SGC took their design from SEA (Stephens Engineering Associates). A company that makes marine SSB radios.

Sent from Samsung tablet

[Non-text portions of this message have been removed]

6187. Re: Z-11Pro Clone

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-05-02 19:08:28 UTC
From: Dwayne
Topic: 6163 Message: 6187

It may be possible that SGC acquired design info from SEA. I was only referring to companies that have used designs/features that were first introduced by LDG. SGC was not one of those.

Pierre Goral (from SGC) and I talked many times. At first he was fairly abrasive in our exchanges, but calmed down some after the amateur market shifted to mostly desktop autotuners.

They did reverse engineer some of our products to find cost cutting hardware implementations (moving to 68HC11 processors). However, that most likely would have happened anyway in the natural course of processor capability/cost development during that period.

We had agreed before he passed away that we would not directly compete against each other since we both had found market space. This is an agreement that we still keep today. LDG is typically not a "me too" company, so you will rarely find an instance where we move into market space that someone already has a product.

Dwayne Kincaid

>
> Actually,I beleive SGC took their design from SEA (Stephens Engineering Associates). A company that makes marine SSB radios.
>
>

6188. Re: [LDG-auto-tuners] Re: Z-11Pro Clone

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-05-02 19:16:02 UTC
From: Kirk Kleinschmidt
Topic: 6163 Message: 6188

>We had agreed before he passed away that we would not directly compete >against each other since we both had found market space. This is an >agreement that we still keep today. LDG is typically not a "me too" >company, so you will rarely find an instance where we move into market >space that someone already has a product.

>Dwayne Kincaid

Is this why LDG doesn't market autocouplers that are designed to be placed at the antenna feed point (in many cases, the absolute best place to locate the tuner in an antenna circuit)?

If so, it's understandable...but disappointing! :)

--Kirk, NT0Z

My book, "Stealth Amateur Radio," is now available from
www.stealthamateur.com and on the Amazon Kindle (soon)

6189. Re: [LDG-auto-tuners] Re: Z-11Pro Clone

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-05-02 19:36:18 UTC
From: Craig
Topic: 6163 Message: 6189

Something that sets LDG apart from let's say, humm let me think, MFJ :-)

Craig

On May 2, 2013, at 3:08 PM, "Dwayne" <ldgyahoo@...> wrote:

> It may be possible that SGC acquired design info from SEA. I was only referring to companies that have used designs/features that were first introduced by LDG. SGC was not one of those.
>
> Pierre Goral (from SGC) and I talked many times. At first he was fairly abrasive in our exchanges, but calmed down some after the amateur market shifted to mostly desktop autotuners.
>
> They did reverse engineer some of our products to find cost cutting hardware implementations (moving to 68HC11 processors). However, that most likely would have happened anyway in the natural course of processor capability/cost development during that period.
>
> We had agreed before he passed away that we would not directly compete against each other since we both had found market space. This is an agreement that we still keep today. LDG is typically not a "me too" company, so you will rarely find an instance where we move into market space that someone already has a product.
>
> Dwayne Kincaid
>
>
>
>>
>> Actually,I beleive SGC took their design from SEA (Stephens Engineering Associates). A company that makes marine SSB radios.
>>
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> Yahoo! Groups Links
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6190. Re: Z-11Pro Clone

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-05-02 21:16:31 UTC
From: Dwayne
Topic: 6163 Message: 6190

Hi Kirk,

We have been working on a solution for this case for years (as well as many other projects). Fortunately for us, the vast majority of installations do not require a tuner at the feedpoint (a horse we have already beat pretty well a couple months ago). Eventually, we'll have something that we feel is the correct product for the remote tuner market.

Dwayne Kincaid
LDG

>
>
> Is this why LDG doesn't market autocouplers that are designed to be placed at the antenna feed point (in many cases, the absolute best place to locate the tuner in an antenna circuit)?
>
> If so, it's understandable...but disappointing! :)
>
> --Kirk, NT0Z
>
> My book, "Stealth Amateur Radio," is now available from
> www.stealthamateur.com and on the Amazon Kindle (soon)
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6191. Re: [LDG-auto-tuners] Re: Z-11Pro Clone

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-05-02 21:31:50 UTC
From: i2jjr-hotmail.com
Topic: 6163 Message: 6191

Hi Dwayne, ok;
I have nonetheless always used my old Z11 remoted to the fishing rod base, about ten meters away from the FT817 ; I used to close it in a kitchen box in rainy days, hi, and surrounded by golden cloth during the summer days to protect it from hot sun . It always did a good job. A friend of mines does something similar with a Z11 and his FT957 during /P . They are not buolt for antenna base, maybe, but nonetheless do a great job!
Dwayne, keep the good work on LDG ! You all there deserve great respect for what you did and do. 73 de Augusto HB9TZA / I2JJR
PS What I always wanted but never did, was to mod the Z11 for power supply and tune button thru the antenna cable.
Not strictly needed , anyway, as I did 100th of operations /P with FT817 and Z11 without the mod ..

Il 02/05/2013 23.16, Dwayne ha scritto:
>
> Hi Kirk,
>
> We have been working on a solution for this case for years (as well as
> many other projects). Fortunately for us, the vast majority of
> installations do not require a tuner at the feedpoint (a horse we have
> already beat pretty well a couple months ago). Eventually, we'll have
> something that we feel is the correct product for the remote tuner market.
>
> Dwayne Kincaid
> LDG
>
> >
> >
> > Is this why LDG doesn't market autocouplers that are designed to be
> > placed at the antenna feed point (in many cases, the absolute best
> > place to locate the tuner in an antenna circuit)?
> >
> > If so, it's understandable...but disappointing! :)
> >
> > --Kirk, NT0Z
> >
> > My book, "Stealth Amateur Radio," is now available from
> > www.stealthamateur.com and on the Amazon Kindle (soon)
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>

[Non-text portions of this message have been removed]

6192. Re: [LDG-auto-tuners] Re: Z-11Pro Clone

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-05-03 08:41:22 UTC
From: Stewart Bryant
Topic: 6163 Message: 6192

On 02/05/2013 20:16, Kirk Kleinschmidt wrote:
>> We had agreed before he passed away that we would not directly compete >against each other since we both had found market space. This is an >agreement that we still keep today. LDG is typically not a "me too" >company, so you will rarely find an instance where we move into market >space that someone already has a product.
>
>> Dwayne Kincaid
>
>
> Is this why LDG doesn't market autocouplers that are designed to be placed at the antenna feed point (in many cases, the absolute best place to locate the tuner in an antenna circuit)?
>
> If so, it's understandable...but disappointing! :)

Indeed, it would be much better than my current arrangement which
requires the use of a dust bin (plastic trash can).

Stewart/G3YSX

6193. 108 inch whip

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-05-04 11:06:45 UTC
From: Charlie
Topic: 6193 Message: 6193

Can I use my Yaesu FT-857 and an LDG auto tuner to tune a 108 inch whip for 40 and down as a mobile setup? Does anyone have any experience
doing that? Thanks Charlie N1LU formerly N1MUQ

6194. Re: 108 inch whip

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-05-04 16:50:31 UTC
From: Jim Tylee
Topic: 6193 Message: 6194

I have used my LDG Z-PRO11 on my Jeep feeding my 9 foot whip aerial worked
okay on 40 meters/20 meters 10 meters
keeping the coax to aerial base short with just 3 feet of cable, used
my Clansman 321 set firing into it.....
probably okay on 5 megs as well forgot to try that though.
Jim G4REK ......

[Non-text portions of this message have been removed]

6195. AT-11 unfinished kit

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-05-04 16:50:45 UTC
From: Garry
Topic: 6195 Message: 6195

I have an AT-11 I bought way back in 96 when they first came out. The board is a version 2.1 dated 12/95 and the firmware is version 1.7...

All the capacitors used for tuning are ceramic while I see all the later versions were silver mica.

Also it seems as if the promise to upgrade the firmware has went by the wayside.

I am wondering if the unit is worth completing or if the ceramic capacitors were enough of a problem to make it not worthwhile.

Also can the firmware from one processor be copied to another if I could find a current version?

I have not worked with this processor but I assume that older programmers are still available somewhere. I remember being told that the problem with the earlier versions wee the processor running constantly and creating RFI and the later firmware correcting this by the processor only running while actually hunting for the match...
I actually still have the receipt in the box of parts...

Any help out there.....
Garry

6196. Fwd: 108 inch whip

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-05-05 04:04:52 UTC
From: Jim Tylee
Topic: 6193 Message: 6196

---------- Forwarded message ----------
From: Jim Tylee <tylee891@...>
Date: Sat, May 4, 2013 at 5:50 PM
Subject: Re: 108 inch whip
To: LDG-auto-tuners@yahoogroups.com

I have used my LDG Z-PRO11 on my Jeep feeding my 9 foot whip aerial worked
okay on 40 meters/20 meters 10 meters
keeping the coax to aerial base short with just 3 feet of cable, used
my Clansman 321 set firing into it.....
probably okay on 5 megs as well forgot to try that though.
Jim G4REK ......

[Non-text portions of this message have been removed]

6197. Re: 108 inch whip

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-05-05 20:50:13 UTC
From: Dwayne
Topic: 6193 Message: 6197

Charley,

Although we have seen reports of getting 10 through 40 meters, that is not typical. I'd say that 75% of mobile installations "do not" get 10 through 40, but only 10 through 20 meters.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "Charlie" <n1muq@...> wrote:
>
> Can I use my Yaesu FT-857 and an LDG auto tuner to tune a 108 inch whip for 40 and down as a mobile setup? Does anyone have any experience
> doing that? Thanks Charlie N1LU formerly N1MUQ
>

6198. Re: [LDG-auto-tuners] Re: 108 inch whip

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-05-05 22:01:29 UTC
From: n1muq@...
Topic: 6193 Message: 6198

Thanks Dwayne 10-20 may be enough to keep me happy on my drive to Florida from CT. N1LU----- Original Message -----From: Dwayne Date: Sunday, May 5, 2013 4:50 pmSubject: [LDG-auto-tuners] Re: 108 inch whipTo: LDG-auto-tuners@yahoogroups.com> Charley,> > Although we have seen reports of getting 10 through 40 meters, > that is not typical. I'd say that 75% of mobile installations > "do not" get 10 through 40, but only 10 through 20 meters.> > Dwayne Kincaid> LDG> > --- In LDG-auto-tuners@yahoogroups.com, "Charlie" wrote:> >> > Can I use my Yaesu FT-857 and an LDG auto tuner to tune a 108 > inch whip for 40 and down as a mobile setup? Does anyone have > any experience > > doing that? Thanks Charlie N1LU formerly N1MUQ> >> > >

[Non-text portions of this message have been removed]

6199. Re: [LDG-auto-tuners] Re: 108 inch whip

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-05-06 06:09:17 UTC
From: Jim Tylee
Topic: 6193 Message: 6199

Well after experimenting with coax from the tuner i found that with a 7 foot coax lead to aerial base it would not tune on 40 meters, but shortening it to 2 to 3 foot it would.....friend found the same thing.............with waterproofing and outboard installation just a few inches of coax to aerial base perhaps even better results ???
jim G4REK

[Non-text portions of this message have been removed]

6200. Re: YT-100 Current Draw on 13.8v CAT Port???

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-05-06 14:13:50 UTC
From: Dwayne
Topic: 6159 Message: 6200

It's 500 mA.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "gregoryd99" <WU6X@...> wrote:
>
> Does anyone know how much current the YT-100 draws on the 857D CAT port 13.8v line? I blew the surface-mount 3amp fuse on the Main board and now VERY nervous after replacing it and getting the YT working again.
>

6201. Using auto tuner at multi-transmitter (Field Day)

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-05-06 19:00:23 UTC
From: w_r_adams1
Topic: 6201 Message: 6201

If it is possible, what is the best way to use an auto-tuner at a Field Day site? We are planning to deploy 4 HF stations including our GOTA one. Matched resonant monoband antennas will be used at 3 of the stations, however, we are considering an 80 meter horizontal loop or 88 foot doublet for the fourth station to be used on 80 through 10 meters. An AT-100 Pro tuner and 4:1 / 1:1 balun is available. Looking through the archives, we may need to turn power to the tuner on and off, but it is unclear as to whether or not this is necessary. Has anyone been successful in using there auto tuner in this context? Please comment.

Bill AF4B

6202. Re: [LDG-auto-tuners] Using auto tuner at multi-transmitter (Field Day)

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-05-06 20:14:48 UTC
From: Furliips Stardust
Topic: 6201 Message: 6202

I was interested in doing some A-B tests. With an Icom IC-761 feeding a B&W antenna switch to choose between the the two antenna setups.
Antenna #1 102' doublet, 450 ohm feed line, 9:1 current balun and Z11 Pro II tuner.
Antenna #2 65' 40 meter dipole about 20 feet below the doublet.

Short answer... When transmitting in the 40 meter dipole, the Z11 Pro II went nuts trying to deal with what it thought was an infinite mismatch. This was due to the power coupled into the doublet antenna from the dipole.

Now admittedly, the two antennas were only 20 feet apart and parallel to one another.

If I make a small assumption; when you transmit and the tuner finds a good match, i.e. minimum reflection, it may STILL be a problem depending on how much RF from other transmitters are being fed back into the tuner.

Such as it is, I would suggest using a manual tuner at this point.

Jeff-1.0
wa6fwi

From: w_r_adams1 <w_r_adams1@yahoo.com>

Looking through the archives, we may need to turn power to the tuner on and off, but it is unclear as to whether or not this is necessary. Has anyone been successful in using there auto tuner in this context? Please comment.

[Non-text portions of this message have been removed]

6203. Re: [LDG-auto-tuners] Using auto tuner at multi-transmitter (Field Day)

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-05-06 20:43:31 UTC
From: N2CKH
Topic: 6201 Message: 6203

Hi Jeff,

I have experience this issue, the first time it occurred the ATU in question happened to be powered and with no antenna or radio attached!

The solution is to have a very good earth ground on the ATU and to have common mode chokes on the feed lines. It is usually only the lead to the switch box of an active antenna, but depending on the RF fields you are dealing with, often it is the jumper between the radio and the ATU where a common mode choke is also required. Lastly its best to make use of antenna switch boxes that ground all the other ports and all ports when not in use.

/s/ Steve, N2CKH

At 04:14 PM 5/6/2013, you wrote:
>
>
>I was interested in doing some A-B tests. With
>an Icom IC-761 feeding a B&W antenna switch to
>choose between the the two antenna setups.
>Antenna #1 102' doublet, 450 ohm feed line, 9:1
>current balun and Z11 Pro II tuner.
>Antenna #2 65' 40 meter dipole about 20 feet below the doublet.
>
>Short answer... When transmitting in the 40
>meter dipole, the Z11 Pro II went nuts trying to
>deal with what it thought was an infinite
>mismatch. This was due to the power coupled into
>the doublet antenna from the dipole.
>
>Now admittedly, the two antennas were only 20
>feet apart and parallel to one another.
>
>If I make a small assumption; when you transmit
>and the tuner finds a good match, i.e. minimum
>reflection, it may STILL be a problem depending
>on how much RF from other transmitters are being fed back into the tuner.
>
>Such as it is, I would suggest using a manual tuner at this point.
>
>Jeff-1.0
>wa6fwi

>
>_____
>From: w_r_adams1 <<mailto:w_r_adams1%40yahoo.com>w_r_adams1@...>
>
>
>
>Looking through the archives, we may need to
>turn power to the tuner on and off, but it is
>unclear as to whether or not this is necessary.
>Has anyone been successful in using there auto
>tuner in this context? Please comment.
>
>[Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

6204. Re: [LDG-auto-tuners] Using auto tuner at multi-transmitter (Field Day)

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-05-07 02:03:03 UTC
From: Furliips Stardust
Topic: 6201 Message: 6204

Well yes, all good points except... You can't ground your antenna while somebody else is transmitting at Field Day.
My test situation was more indicative of what happens with a second transmitter near field when the tuner is listening.

Jeff-1.0
wa6fwi

From: N2CKH <n2ckh@...>

Lastly its best to make use of antenna switch boxes that
ground all the other ports and all ports when not in use.

/s/ Steve, N2CKH

[Non-text portions of this message have been removed]

6205. Re: Z-11Pro Clone

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-05-07 04:08:40 UTC
From: traburgess1945
Topic: 6163 Message: 6205

I contacted the Chinese company and informed them they may be infringing on patent. What follows is the e-mail exchange. They
(or Ebay) have pulled the product. The sequence of mail reads from the bottom:

User details:
From User:
faymo-trading.service
(1090
)
99.5% Positive Feedback
Member since Nov-07-10 in China
Location: 廣東省, China
Activity with faymo-trading.service (last 90 days): I have bid on 0 items from faymo-trading.service
Activity with faymo-trading.service (last 90 days): faymo-trading.service has bid on 0 of my items

Dear travburg1,

We are not friend,
but we hope to make sure this is not clone item.
Its design is really different with LDG tuner.
No one buy this item from us,so we don't sell now.

- faymo-trading.service

Click "respond" to reply through Messages, or go to your email to reply
Respond

From: travburg1
To: faymo-trading.service
Subject: RE: Details about item: travburg1 sent a message about 50M 120W SW short wave Automatic Antenna Turner Ham Radio #230954034187
Sent Date: May-03-13 16:43:03 PDT

Dear faymo-trading.service,

I am NOT your friend!

Date: Fri, 3 May 2013 16:20:27 -0700
From: faymot_ird5206ngtg@...
To: travburg1@...
Subject: Re: Details about item: travburg1 sent a message about 50M 120W SW short wave Automatic Antenna Turner Ham Radio #230954034187

User details:
From User:

faymo-trading.service (1090)
99.5% Positive Feedback
Member since Nov-07-10 in China
Location: 廣東省, China
Activity with faymo-trading.service (last 90 days): I have bid on 0 items from faymo-trading.service
Activity with faymo-trading.service (last 90 days): faymo-trading.service has bid on 0 of my items

Dear travburg1,

Dear friend,

this is not clone item,
maybe you think the shell is similar,
but our design is diffirence.

If you don't believe,
you can buy one,
if it is clone,we can full refund to you.

Best regards
FayMo

- faymo-trading.service

From: travburg1
To: faymo-trading.service
Subject: Details about item: travburg1 sent a message about 50M 120W SW short wave Automatic Antenna Turner Ham Radio #230954034187
Sent Date: May-03-13 15:27:03 PDT

Dear faymo-trading.service,

Are you aware that this item may be an illegal copy of an LDG tuner which actually sells for much less and is no doubt far superior to this Chinese copy?

- travburg1

50M 120W SW short wave Automatic Antenna Turner Ham Radio
Item Id: 230954034187
End time: May-26-13 08:41:36 PDT
Buyer:

travburg1 (47)
100.0% Positive Feedback
Member since May-12-05 in United States
Location: TX, United States
Listing Status: This message was sent while the listing was active.

6206. Re: Using auto tuner at multi-transmitter (Field Day)

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-05-07 15:21:48 UTC
From: w_r_adams1
Topic: 6201 Message: 6206

Thanks for your replies. Sounds like our best approach, since we can have 4 100 watt transmit antennas operating simultaneously within a 1,000 foot diameter circle, will be to forgo the convenience and advantage of auto-tuning! Even some sequencing method of switching power off when other RF is in the area is too complex to manage for a temporary event. Solution is to send a person with an HT out to the antenna/manual tuner position and have another person with HT at the transmitter when a QSY is required. Bother. . . I really wanted to demonstrate the utility of my LDG AT-100 Pro to my club.

73
Bill AF4B

--- In LDG-auto-tuners@yahoogroups.com, Furliips Stardust <grendelair@...> wrote:
>
> Well yes, all good points except... You can't ground your antenna while somebody else is transmitting at Field Day.
> My test situation was more indicative of what happens with a second transmitter near field when the tuner is listening.
>
> Jeff-1.0
> wa6fwi
>

6207. Problem tuning 160 with 1000 & 600 pro II but 200 pro does not

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-05-08 22:02:57 UTC
From: k2lrv
Topic: 6207 Message: 6207

A local ham and friend has the following setup:

204' dipole fed with about 45' of ladderline. Ladderline is connected to a 4:1 balun and coax goes to the shack. Radio is a TS-2000, and he also has an ALS-600 inline.

With this set up he originally had a 600 proII tuner. The SWR on 160 is around 3:1, but the 600 would not tune the antenna. So we did some testing.

1) Tuner in bypass, internal tuner on the TS-2000 tunes 160
2) Put my 200pro in place of the 600 proII and that tuned 160
3) Connected antenna directly to radio, TS-2000 tunes 160 no problem

So we figured the tuner was "bad". He decided to get a 1000 pro II. Recieved it today, that will not tune 160 either.

What gives? The specifications for tuning range are exactly the same for the 200pro, the 600 proII and the 1000proII. My 200pro is obviously older, and purchased from Universal Radio new probably in 2007 or 2008. The 600 ProII and 1000ProII were both purchased from Gigaparts.

Any thoughts?

6208. Re: [LDG-auto-tuners] Problem tuning 160 with 1000 & 600 pro II but 200 pro does not

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-05-09 03:25:47 UTC
From: Furliips Stardust
Topic: 6207 Message: 6208

From: k2lrv <lciotti1@...>

Ladderline is connected to a 4:1 balun and coax goes to the shack.

Any thoughts?
1. Try a 9:1 current balun. DX Engineering sells them or you can make your own.
2. How long is the coax from the tuner to the balun?

Jeff-1.0
wa6fwi

[Non-text portions of this message have been removed]

6209. Re: Problem tuning 160 with 1000 & 600 pro II but 200 pro does not

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-05-09 12:15:26 UTC
From: k2lrv
Topic: 6207 Message: 6209

Coax length is LMR400 about 25'
Using an MFJ analyzer @ 1.9mhz:
R=15 X=27 (Z=30) SWR=3.7

These are within the tuner specified ranges. And like I said my LDG-200pro tunes this system without a problem, and the tS-2000 tunes the system without a problem. The LDG-600 and the LDG-1000 cannot. We cange nothing when putting the 200 inline, same coax connections, same ground connection. Something is different enough between the 200pro and the higher power units that is causing them not to be able to tune the antenna.

--- In LDG-auto-tuners@yahoogroups.com, Furliips Stardust <grendelair@...> wrote:
>
> 1. Try a 9:1 current balun. DX Engineering sells them or you can make your own.
> 2. How long is the coax from the tuner to the balun?
>
> Jeff-1.0
> wa6fwi
>

6210. I want to use the CW key jack of my rig for tuning a Z11 Pro II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-05-09 10:39:11 UTC
From: jjamesj8
Topic: 6210 Message: 6210

Hello all! I was wondering if the CW keying current and voltage were low enough, could I use the CW key jack to key the transmitter during a manually initiated tuning cycle? (press the "tune" button on the Z11, have it key my rig for as long as the tuner needs). I read the radio interface guide and found it pulls the tip of a stereo 1/8 inch phones plug to ground, and can handle apparently about 100mA which it sends to ground while tuning. I wonder if this could be used as a "universal" radio interface. (of course for radios with a CW jack that can handle a straight key and does not pass through a keyer circuit damaged by long key-down)

My radio is a semi-homebrew Atlas 210 IF boards and filters, Swan 350 VFO stabilized by a crystal controlled huff-puff circuit, and Swan transistor finals from a 3rd radio I have not yet identified. It's fun to use if basic, and I get good reports on the air with it. I also use a Radio Shack HTX-10 through an antenna switch before the tuner.

My antenna system is the Z11, RG8x coax feedline, and a mobile mount on a 1/2 inch hardware cloth covered 4 ft tall by 20 foot long metal fence that uses 3 Hamsticks that share the antenna mount via a Hustler VP-1 http://www.hamradio.com/detail.cfm?pid=H0-003467. The bands the hamsticks cover are 80m, 20m, and 15m.
I use the tuner to widen the 60KHz bandwidth of the 80m hamstick I tuned to 1:1 at 3.9MHz (I am a general class here in the US) and enable operation at 40m and 10m without added radiators.

I originally got the Z11 because of the 80 and 40 meter bands driving me crazy with retuning all over the band on my old MFJ-949E, a tuner I could always get a good match on, but never got the hang of without seeming excessive RF pollution. My ground "system" consists of a single 18awg 125ft long bare copper braided wire I strung along the ground outside my home.

Also... should I shorten my ground (counterpoise?) wire by half it's length? I just realized 120 ft is a half wave at 80, so i wonder if my ground wire has a high impedance at the tuner on 80. The fence seems a fine enough ground plane on the other bands.

Thanks for reading and 73s,
KE6DLO
Joshua Johnson

6211. Re: Problem tuning 160 with 1000 & 600 pro II but 200 pro does not

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-05-09 17:00:38 UTC
From: k2lrv
Topic: 6207 Message: 6211

So LDGs response to the support request:

"Hello,

It may be a feedline length issue. Try adding 5 or 10 feet of coax on the antenna side of the tuner right at the tuner.

Dwayne Kincaid"

Can someone explain how it can be the feedline when both my 200pro and the TS-2000 internal tuner work using the same exact feedline going to the antenna as the 600proII and the 1000ProII??

--- In LDG-auto-tuners@yahoogroups.com, "k2lrv" <lciotti1@...> wrote:
>
> Coax length is LMR400 about 25'
> Using an MFJ analyzer @ 1.9mhz:
> R=15 X=27 (Z=30) SWR=3.7
>
> These are within the tuner specified ranges. And like I said my LDG-200pro tunes this system without a problem, and the tS-2000 tunes the system without a problem. The LDG-600 and the LDG-1000 cannot. We cange nothing when putting the 200 inline, same coax connections, same ground connection. Something is different enough between the 200pro and the higher power units that is causing them not to be able to tune the antenna.
>
> --- In LDG-auto-tuners@yahoogroups.com, Furliips Stardust <grendelair@> wrote:
> >
> > 1. Try a 9:1 current balun. DX Engineering sells them or you can make your own.
> > 2. How long is the coax from the tuner to the balun?
> >
> > Jeff-1.0
> > wa6fwi
> >
>

6212. Tech Support Question of the Week/Month

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-05-09 20:46:14 UTC
From: Dwayne
Topic: 6212 Message: 6212

From time to time we get really good tech support questions by e-mail or phone. We think it would be a great idea to pass along some of the better ones to the group for dissemination when appropriate.

This week/month, I'd like to talk about some of the questions that we get about the G5RV antenna.

The original G5RV antenna designed by Louis Varney (G5RV) did not have a balun. It simply went from ladder-line to coax. But that was back in the day (the 50's) when ferrite material was not readily available. Also back then, all the transmitters had tubes in the finals, so it really did not matter if the antenna was matched or not. The radio would put out full power into a coat hanger or whatever else you had connected to it.

Fast forward to today and almost all radios are solid state and they need a decent match with a tuner to be able to put out full power. So we have to take a little more care of the feedline and antenna.

While the original G5RV did not have a balun, today we need to protect the radio from RF. So now we "need" a balun or choke in the system to keep any RF from coming back down the coax feedline and messing up the solid state radio.

If you want a good read on this, "The G5RV Antenna System Revisited" by L.B. Cebik is a great 15 to 20 minute read. He verifies that a choke (or balun) is an improvement for today's radios.

From more than a decade of tech support, we've seen very good results with 1:1 current baluns and 4:1 voltage baluns that interface the 450 Ohm ladder line to 50 Ohm coax. Some have even reported that a 9:1 balun does even better since 450 Ohms divided by 9 is 50 Ohms (check out Balun Designs for high quality and high power baluns). Cebik only goes as far to say that only a choke is needed, but I believe this was written some years ago.

The bottom line for today is you need a choke or a balun of some sort at the conversion point from ladder-line to coax for a G5RV to operate properly with your solid state radio and tuner. Otherwise, the coax is now part of the radiating system all the way to your shack.

While there are plenty of companies selling original G5RV antennas that do not have a choke or balun, you'll find that those will not perform as well as the "updated" G5RV that has a choke or balun.

Dwayne Kincaid
LDG

6213. Re: [LDG-auto-tuners] Tech Support Question of the Week/Month

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-05-09 22:12:06 UTC
From: Furliips Stardust
Topic: 6212 Message: 6213

I have mentioned this repeatedly.

A G5RV antenna _with_ a balun to coax, or directly to a balanced antenna tuner is a doublet antenna.
It is made reference to in the ARRL handbooks back in the '30s.

Additionally, and this is why Dwayne suggests added 5-10 feet of coax, is because the coax transforms the impedance the tuner sees. (Read up on Smith Charts and transmission lines.)

As to "Well, my OTHER antenna tuner works." That's fine, but NOT all antenna tuners will handle the exact same combinations of R and +/-j.

My comments about using the 9:1 balun with 450 ohm line, makes the entire line appear to be one continuous piece of feed line without any extra transformations brought about by having a discontinuity. For example, 450 ohm lines and a 4:1 balun automatically introduce a 2.25:1 SWR and make the remaining piece of 50 ohm coax look line a transmission line transformer further exacerbating the load matching equation.

Jeff-1.0
wa6fwi

From: Dwayne <ldgyahoo@ldgelectronics.com>

This week/month, I'd like to talk about some of the questions that we get about the G5RV antenna.

Some have even reported that a 9:1 balun does even better since 450 Ohms divided by 9 is 50 Ohms
While there are plenty of companies selling original G5RV antennas that do not have a choke or balun, you'll find that those will not perform as well as the "updated" G5RV that has a choke or balun.

[Non-text portions of this message have been removed]

6214. Re: Problem tuning 160 with 1000 & 600 pro II but 200 pro does not

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-05-10 02:22:02 UTC
From: k2lrv
Topic: 6207 Message: 6214

We took some measurements tonight to see how each of the three tuners would transform a 50 ohm load at a few different L/C settings at 1.8MHz. I have to some up with a clear way to present it. Hopefully I will post something tomorrow.

--- In LDG-auto-tuners@yahoogroups.com, "k2lrv" <lciotti1@...> wrote:
>
> So LDGs response to the support request:
>
> "Hello,
>
> It may be a feedline length issue. Try adding 5 or 10 feet of coax on the antenna side of the tuner right at the tuner.
>
> Dwayne Kincaid"
>
> Can someone explain how it can be the feedline when both my 200pro and the TS-2000 internal tuner work using the same exact feedline going to the antenna as the 600proII and the 1000ProII??
>
>
>
> --- In LDG-auto-tuners@yahoogroups.com, "k2lrv" <lciotti1@> wrote:
> >
> > Coax length is LMR400 about 25'
> > Using an MFJ analyzer @ 1.9mhz:
> > R=15 X=27 (Z=30) SWR=3.7
> >
> > These are within the tuner specified ranges. And like I said my LDG-200pro tunes this system without a problem, and the tS-2000 tunes the system without a problem. The LDG-600 and the LDG-1000 cannot. We cange nothing when putting the 200 inline, same coax connections, same ground connection. Something is different enough between the 200pro and the higher power units that is causing them not to be able to tune the antenna.
> >
> > --- In LDG-auto-tuners@yahoogroups.com, Furliips Stardust <grendelair@> wrote:
> > >
> > > 1. Try a 9:1 current balun. DX Engineering sells them or you can make your own.
> > > 2. How long is the coax from the tuner to the balun?
> > >
> > > Jeff-1.0
> > > wa6fwi
> > >
> > >
>

6215. Re: [LDG-auto-tuners] Re: Problem tuning 160 with 1000 & 600 pro II but 200 pro does not

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-05-10 05:56:55 UTC
From: tccarroll@...
Topic: 6207 Message: 6215

Greetings all...
I too have a 600 Pro II and a 200 Pro II. I am using a 43 fot vertical, the the 200 Pro II is effortless when it tunes the vertical. I replace it with a 600 Pro II and SWR is high on all bands 40 thru 10 (which is all I use) and the 600 will not evan come close on 20. Just chatters away which my grand daughter things is cool but the transmitter aint laughing. No help from LDG on a solution.

Tom Carroll, W9CSX
Indianapolis Indiana

-----Original Message-----
From: k2lrv <lciotti1@...>
To: LDG-auto-tuners <LDG-auto-tuners@yahoogroups.com>
Sent: Thu, May 9, 2013 8:15 am
Subject: [LDG-auto-tuners] Re: Problem tuning 160 with 1000 & 600 pro II but 200 pro does not

Coax length is LMR400 about 25'
Using an MFJ analyzer @ 1.9mhz:
R=15 X=27 (Z=30) SWR=3.7

These are within the tuner specified ranges. And like I said my LDG-200pro tunes this system without a problem, and the tS-2000 tunes the system without a problem. The LDG-600 and the LDG-1000 cannot. We cange nothing when putting the 200 inline, same coax connections, same ground connection. Something is different enough between the 200pro and the higher power units that is causing them not to be able to tune the antenna.

--- In LDG-auto-tuners@yahoogroups.com, Furliips Stardust <grendelair@...> wrote:
>
> 1. Try a 9:1 current balun. DX Engineering sells them or you can make your own.
> 2. How long is the coax from the tuner to the balun?
>
> Jeff-1.0
> wa6fwi
>

[Non-text portions of this message have been removed]

6216. Re: Problem tuning 160 with 1000 & 600 pro II but 200 pro does not

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-05-10 13:02:09 UTC
From: k2lrv
Topic: 6207 Message: 6216

Our test found that there was a difference in the impedance transformation, with the largest variation in the inductance. I have not figured out the exact amount of change yet, but it was there, and it may be within tolerances of the components.

--- In LDG-auto-tuners@yahoogroups.com, tccarroll@... wrote:
>
>
> Greetings all...
> I too have a 600 Pro II and a 200 Pro II. I am using a 43 fot vertical, the the 200 Pro II is effortless when it tunes the vertical. I replace it with a 600 Pro II and SWR is high on all bands 40 thru 10 (which is all I use) and the 600 will not evan come close on 20. Just chatters away which my grand daughter things is cool but the transmitter aint laughing. No help from LDG on a solution.
>
> Tom Carroll, W9CSX
> Indianapolis Indiana
>
>
>
> -----Original Message-----
> From: k2lrv <lciotti1@...>
> To: LDG-auto-tuners <LDG-auto-tuners@yahoogroups.com>
> Sent: Thu, May 9, 2013 8:15 am
> Subject: [LDG-auto-tuners] Re: Problem tuning 160 with 1000 & 600 pro II but 200 pro does not
>
>
>
>
> Coax length is LMR400 about 25'
> Using an MFJ analyzer @ 1.9mhz:
> R=15 X=27 (Z=30) SWR=3.7
>
> These are within the tuner specified ranges. And like I said my LDG-200pro tunes this system without a problem, and the tS-2000 tunes the system without a problem. The LDG-600 and the LDG-1000 cannot. We cange nothing when putting the 200 inline, same coax connections, same ground connection. Something is different enough between the 200pro and the higher power units that is causing them not to be able to tune the antenna.
>
> --- In LDG-auto-tuners@yahoogroups.com, Furliips Stardust <grendelair@> wrote:
> >
> > 1. Try a 9:1 current balun. DX Engineering sells them or you can make your own.
> > 2. How long is the coax from the tuner to the balun?
> >
> > Jeff-1.0

> > wa6fwi
> >
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

6217. Re: [LDG-auto-tuners] Tech Support Question of the Week/Month

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-05-09 20:59:16 UTC
From: Alby Shaw
Topic: 6212 Message: 6217

Thanks for the note about the G5RV. Timely, well written, and succinct.
de Alby, ZL1QQ
----- Original Message -----
From: Dwayne
To: LDG-auto-tuners@yahoogroups.com
Sent: Friday, May 10, 2013 8:46 AM
Subject: [LDG-auto-tuners] Tech Support Question of the Week/Month

From time to time we get really good tech support questions by e-mail or phone. We think it would be a great idea to pass along some of the better ones to the group for dissemination when appropriate.

This week/month, I'd like to talk about some of the questions that we get about the G5RV antenna.

The original G5RV antenna designed by Louis Varney (G5RV) did not have a balun. It simply went from ladder-line to coax. But that was back in the day (the 50's) when ferrite material was not readily available. Also back then, all the transmitters had tubes in the finals, so it really did not matter if the antenna was matched or not. The radio would put out full power into a coat hanger or whatever else you had connected to it.

Fast forward to today and almost all radios are solid state and they need a decent match with a tuner to be able to put out full power. So we have to take a little more care of the feedline and antenna.

While the original G5RV did not have a balun, today we need to protect the radio from RF. So now we "need" a balun or choke in the system to keep any RF from coming back down the coax feedline and messing up the solid state radio.

If you want a good read on this, "The G5RV Antenna System Revisited" by L.B. Cebik is a great 15 to 20 minute read. He verifies that a choke (or balun) is an improvement for today's radios.

From more than a decade of tech support, we've seen very good results with 1:1 current baluns and 4:1 voltage baluns that interface the 450 Ohm ladder line to 50 Ohm coax. Some have even reported that a 9:1 balun does even better since 450 Ohms divided by 9 is 50 Ohms (check out Balun Designs for high quality and high power baluns). Cebik only goes as far to say that only a choke is needed, but I believe this was written some years ago.

The bottom line for today is you need a choke or a balun of some sort at the conversion point from ladder-line to coax for a G5RV to operate properly with your solid state radio and tuner. Otherwise, the coax is now part of the radiating system all the way to your shack.

While there are plenty of companies selling original G5RV antennas that do not have a choke or balun, you'll find that those will not perform as well as the "updated" G5RV that has a choke or balun.

Dwayne Kincaid
LDG

[Non-text portions of this message have been removed]

6218. Re: Tech Support Question of the Week/Month

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-05-10 19:06:31 UTC
From: k2lrv
Topic: 6212 Message: 6218

I am assuming the comment below is directed to my thread the 600/1000 not tuning what a 200 will:

> Additionally, and this is why Dwayne suggests added 5-10 feet of coax, is because the coax transforms theï¿½impedanceï¿½the tuner sees. (Read up on Smith Charts and transmission lines.)
>
> As to "Well, my OTHER antenna tuner works." That's fine, but NOT all antenna tuners will handle the exact same combinations of R and +/-j.iï¿½
>

I understand about how coax transforms the impedance, and have spent my fare share of time at manipulating impedance on a smith chart.

Our main problem now is when LDG stands by the comment "tuner is basically the same as the 200, but with larger parts, so you are correct that it should work." Even more baffling is the fact the antenna on 160M is showing an SWR of > 4:1 (R=15 X=27 using an MFJ analyzer), and all other bands work(some with higher SWR, and lower real portions of the impedance, i.e. lower radiation resistance). I would assume if the tuners are the "same" they would handle the same/similar combinations of R and +/-j with out a problem.

6219. AT-200 PRO II and the Yaesu 857D Question

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-05-10 14:28:56 UTC
From: Steven AC6DX
Topic: 6219 Message: 6219

My Question;What are the Proper settings for this Radio when using the LDG to Yaesu Interface Cable,857D Settings ???asking because as I understand it this is to allow an interface between the Rig and Tuner to Reduce Power while Tuning

73 & Good DX,
Steven AC6DX

[Non-text portions of this message have been removed]

6220. Re: [LDG-auto-tuners] AT-200 PRO II and the Yaesu 857D Question

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-05-10 19:19:37 UTC
From: Leonard K. Pennock
Topic: 6219 Message: 6220

It doesn't cause the radio to reduce power. It just uses the TXReq line
for the amp to send start a carrier. If you want to reduce power you
have to do by hand. With that said the radio will fold back power as
the SWR goes about 2:1 during the tune cycle so it will appear that the
power was reduced.

On 05/10/2013 07:28 AM, Steven AC6DX wrote:
> My Question;What are the Proper settings for this Radio when using the LDG to Yaesu Interface Cable,857D Settings ???asking because as I understand it this is to allow an interface between the Rig and Tuner to Reduce Power while Tuning
>
>
> 73 & Good DX,
> Steven AC6DX
>
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

--
Leonard K. Pennock
AD7AS

Those who walk bravely through life, unafraid of loss or failure,
find that they very rarely lose or fail.

6221. Re: [LDG-auto-tuners] Re: Tech Support Question of the Week/Month

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-05-10 19:22:41 UTC
From: Hank Greeb
Topic: 6212 Message: 6221

I think the "operative words" are "Basically the same" and "should."

72/73 de n8xx Hg
QRP >99.44% of the time

On 5/10/2013 3:06 PM, k2lrv wrote:
> "tuner is basically the same as the 200, but with larger parts, so you are correct that it should work."

[Non-text portions of this message have been removed]

6222. Re: Tech Support Question of the Week/Month

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-05-10 20:03:08 UTC
From: k2lrv
Topic: 6212 Message: 6222

Still a wide range tuner like the 600 or 1000 should be able to tune anything an internal 3:1 tuner can an much more, especially when the antenna impedance is will within the specified "tuning range".

--- In LDG-auto-tuners@yahoogroups.com, Hank Greeb <n8xx@...> wrote:
>
> I think the "operative words" are "Basically the same" and "should."
>
> 72/73 de n8xx Hg
> QRP >99.44% of the time
>
> On 5/10/2013 3:06 PM, k2lrv wrote:
> > "tuner is basically the same as the 200, but with larger parts, so you are correct that it should work."
>
>
>
> [Non-text portions of this message have been removed]
>

6223. when 600 PRO off receive sensitivity low

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-05-12 03:50:08 UTC
From: jamesbisch2001
Topic: 6223 Message: 6223

was wondering when I have the 600 Pro off the receive sensitivity is low but when the tuner is on everything is ok I plugged the antenna directly into the rig and it works fine.

Any info on this appreciated

Thanks,

Len

6224. Re: [LDG-auto-tuners] when 600 PRO off receive sensitivity low

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-05-12 13:31:55 UTC
From: Jimmy (WB8NBI)
Topic: 6223 Message: 6224

Make sure that you have the antenna plugged into port 2 on the tuner this is the pass thru port when the tuner is off.

DE Jimmy (WB8NBI)

From: jamesbisch2001
Sent: Saturday, May 11, 2013 11:50 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] when 600 PRO off receive sensitivity low

was wondering when I have the 600 Pro off the receive sensitivity is low but when the tuner is on everything is ok I plugged the antenna directly into the rig and it works fine.

Any info on this appreciated

Thanks,

Len

[Non-text portions of this message have been removed]

6225. Re: when 600 PRO off receive sensitivity low

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-05-12 21:34:35 UTC
From: jamesbisch2001
Topic: 6223 Message: 6225

Thinks Jimmy I must have missed that when reading the instructions

Appreciate it

All the best,

Len

--- In LDG-auto-tuners@yahoogroups.com, "Jimmy \(WB8NBI\)" <wb8nbi@...> wrote:
>
> Make sure that you have the antenna plugged into port 2 on the tuner this is the pass thru port when the tuner is off.
>
> DE Jimmy (WB8NBI)
>
> From: jamesbisch2001
> Sent: Saturday, May 11, 2013 11:50 PM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: [LDG-auto-tuners] when 600 PRO off receive sensitivity low
>
>
> was wondering when I have the 600 Pro off the receive sensitivity is low but when the tuner is on everything is ok I plugged the antenna directly into the rig and it works fine.
>
> Any info on this appreciated
>
> Thanks,
>
> Len
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

6227. Tuner for S9V43

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-05-15 16:39:07 UTC
From: KF4KUL
Topic: 6227 Message: 6227

Hi,
Just got a LDG S9v43 vertical antenna. What would be the best (remote/local) auto tuner to use with this antenna. Have a FT-920 and the internal tuner has problems tuning on 80-6 m bands with this antenna. Yes, I have radials (4 per bands).

Thanks, Udo (KF4KUL)

6228. Low Inventory on S9v31 NOS

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-05-15 20:31:25 UTC
From: Dwayne
Topic: 6228 Message: 6228

Just a reminder that we are almost out of the "new old stock" of the S9v31 antennas. These differ from the current 31 foot model that they do not use the plastic clamps, but use metal screws to hold the fiberglass sections together.

At the current rate, our guess is that they will be all gone in the next few weeks. Right now www.cheapham.com has the 31' NOS antenna for $65.00.

Dwayne Kincaid
LDG

6229. Re: [LDG-auto-tuners] Tuner for S9V43

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-05-15 23:54:31 UTC
From: Gerry VE6LB
Topic: 6227 Message: 6229

Best would be a remote wide range tuner. Unfortunately LDG doesn't make one. The tuners in radios are not capable of handling the high swr of 43 ft verticals. I have a 43 ft with an LDG 1000 pro 2 in the shack. It struggles on 80 but works well on all the other band (using an old Butternut 160 unit as well)

73 Gerry-VE6LB

KF4KUL <uvisintini@...> wrote:

>Hi,
>Just got a LDG S9v43 vertical antenna. What would be the best
>(remote/local) auto tuner to use with this antenna. Have a FT-920 and
>the internal tuner has problems tuning on 80-6 m bands with this
>antenna. Yes, I have radials (4 per bands).
>
>Thanks, Udo (KF4KUL)

--
Sent from my Android phone.

[Non-text portions of this message have been removed]

6230. Re: [LDG-auto-tuners] Tuner for S9V43

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-05-16 04:15:20 UTC
From: Udo W.F. Visintini
Topic: 6227 Message: 6230

Thanks for the info. Ordered a MFJ 200 watt remote tuner.
Thanks again and 73

Sent from Yahoo! Mail on Android

[Non-text portions of this message have been removed]

6231. AT11-MP Remote connector.... What is it?.... What does it do?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-05-19 00:28:00 UTC
From: kb8nty
Topic: 6231 Message: 6231

As a proud owner of two of LDG's flagship tuners the AT-11 & AT11-MP, I have always been very curious of the "remote" connection on the rear of the AT11-MP. My owners manual, does not even mention it (unless I missed something). I believe it appears to be similar to a 9-pin serial type connection, upon opening case it is connected to the main board by a ribbon cable. Would anyone be so kind as to enlighten me as to just what this jack does or is on the case for. My only assumption would be some type of remote extension, yet the likeness to a serial port throws me off.....I am so impressed with these venerable products of LDG, I have a Drake MN-2000 which has been taken out of line now and sits & watches as these lil buggers do everything it does, with the push of a button! Thank you in advance for any replies & help offered...73

6232. 12vdc supply

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-05-26 18:10:04 UTC
From: Ronald
Topic: 6232 Message: 6232

Hi I just got a at-1000pro2 w/meter now I like to know if I can use the small astron-RS-7A 13.8 vdc @... will nee other if so what model.

73's ars ka1aln op. Ron

6233. FT-Meter Cable

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-05-26 16:51:18 UTC
From: n2lrb@...
Topic: 6233 Message: 6233

I was troubleshooting my FT-Meter as it was not moving on transmit or receive. Turns out that the part that plugs into my Yaesu FT-857D must have a broken wire on the inside(where the L shaped elbow connects to the radio). I tried another double male cable and the meter works fine. But I need that double male cable for something else.

Question:
So how do I replace the cable. Does LDG sell them separately? If not, what do I ask for when I go to Radio Shack. I noticed that the cable connector itself only had one black line on it. So the must mean something. Let me know. All comments will be appreciated.

Jose B Rivera
N2LRB

6234. RE: [LDG-auto-tuners] 12vdc supply

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-05-26 22:16:18 UTC
From: Daedalus
Topic: 6232 Message: 6234

Sure - that should be more than enough

From: LDG-auto-tuners@yahoogroups.com
[mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Ronald
Sent: Sunday, May 26, 2013 2:10 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] 12vdc supply

Hi I just got a at-1000pro2 w/meter now I like to know if I can use the
small astron-RS-7A 13.8 vdc @... will nee other if so what model.

73's ars ka1aln op. Ron

[Non-text portions of this message have been removed]

6235. Re: FT-Meter Cable

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-05-26 22:27:30 UTC
From: n5sjs
Topic: 6233 Message: 6235

Hi Jose,
The one black line is an insulator between two terminals,meaning
that it is a monaural connector.Two insulators would mean that it is
a stereo connector.
You need a cable with 1/8" monaural connectors,and a right angle
connector for the radio end is very helpful.
73,David

--- In LDG-auto-tuners@yahoogroups.com, n2lrb@... wrote:
>
> I was troubleshooting my FT-Meter as it was not moving on transmit or receive. Turns out that the part that plugs into my Yaesu FT-857D must have a broken wire on the inside(where the L shaped elbow connects to the radio). I tried another double male cable and the meter works fine. But I need that double male cable for something else.
>
> Question:
> So how do I replace the cable. Does LDG sell them separately? If not, what do I ask for when I go to Radio Shack. I noticed that the cable connector itself only had one black line on it. So the must mean something. Let me know. All comments will be appreciated.
>
> Jose B Rivera
> N2LRB
>

6236. Z100 and Long Wires

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-05-27 19:30:38 UTC
From: Karsten Heddenhausen
Topic: 6236 Message: 6236

Hi!

I've got a Z100 auto tuner with the LDG 1:1 Balun. It works form my G5RV,
but does it work for a long wire antenna too?

73 de Karsten DC7OS

[Non-text portions of this message have been removed]

6237. Re: Z100 and Long Wires

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-05-28 21:55:23 UTC
From: n7mch
Topic: 6236 Message: 6237

Not sure about your model but I have a AT-100 Pro II and am having all sorts of problems getting it to work with my long wire. I have added additional grounding to the antenna system but still will not tune up on all bands. I have tried 1:1 and 4:1 Baluns with no luck.

I am going to be mounting a G5RV as soon as the weather clears up and will find out if it works with that.

73 de N7MCH Walt

--- In LDG-auto-tuners@yahoogroups.com, "Karsten Heddenhausen" <dc7os@...> wrote:
>
> Hi!
>
>
>
> I've got a Z100 auto tuner with the LDG 1:1 Balun. It works form my G5RV,
> but does it work for a long wire antenna too?
>
>
>
> 73 de Karsten DC7OS
>
>
>
> [Non-text portions of this message have been removed]
>

6238. Re: [LDG-auto-tuners] Re: Z100 and Long Wires

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-05-28 23:14:34 UTC
From: Hank Greeb
Topic: 6236 Message: 6238

Watch out with a G5RV. There's a 9/1 SWR at the feed point (maybe higher) of the twin lead on the fundamental frequency(75/80 meters for a 102'model) which many tuners won't match. I won a commercial G5RV antenna at a hamfest a year or two ago, and immediately torn the coax fitting off the twin lead, extendedthe length to a half wave on 80 meters, fed it with more window line, broughtthe window line into theshack, and used either a LDG 4/1 or LDG1/1 balun toconvert thebalanced tounbalanced, With a bit of experimentation with the length of feeders the antenna works fine. Muchbetter than any G5RV with which I've had to suffer.

72/73 de n8xx Hg
QRP >99.44% of the time

On 5/28/2013 5:55 PM, n7mch wrote:
> I am going to be mounting a G5RV as soon as the weather clears up and will find out if it works with that.
>
> 73 de N7MCH Walt

[Non-text portions of this message have been removed]

6239. Re: [LDG-auto-tuners] Re: Z100 and Long Wires

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-05-29 02:08:50 UTC
From: Furliips Stardust
Topic: 6236 Message: 6239

Three things. Once you remove the directly connected unbalanced coax from the balanced feedline on a G5RV and use an antenna tuner, it ceases to be a G5RV antenna and becomes a 102' doublet antenna. The same one in all of the 1930's editions of the ARRL handbooks.

There IS a specific length involved in both the element (doublet) length and the feed line length. The element is roughly 3/8 wavelength at 80 meters, and the feed line is roughly 1/8 wavelength at 80 meters. This combination allows the antenna to work smoothly from 3.5 to 30 MHz.

Secondly, Use of a current (choke) balun rather than a voltage type is preferential as it forces the current to be the same on both sides of the antenna. This is even more important if you have grounding issues.

Thirdly, If you're using 450 ohm coax, use a 9:1 balun. 450/9=50. There's NO reason to add fixed SWR issues to the feed line.

Jeff-1.0
wa6fwi

From: Hank Greeb <n8xx@arrl.org>

I won a commercial G5RV antenna at a hamfest a year or two ago, and immediately torn the coax fitting off the twin lead, extended the length to a half wave on 80 meters, fed it with more window line, brought the window line into the shack, and used either a LDG 4/1 or LDG1/1 balun to convert thebalanced tounbalanced, With a bit of experimentation with the length of feeders the antenna works fine.

[Non-text portions of this message have been removed]

6240. Re: [LDG-auto-tuners] G5RV impedance at various freqauency bands

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-05-29 02:49:02 UTC
From: Hank Greeb
Topic: 6236 Message: 6240

Jeff:

Oh? Have you read QST, May 1994, page 34 ff? It's a theoretical and
practical analysis of the G5RV

This explains why I've never had much luck with a 102' G5RV on 80 meters.

I rest my case.

72/73 de n8x Hg
QRP >99.44% of the time.

p.s. I know the definition of a center fed resonant dipole, and that
G5RV is a specific version of a dipole. The originator of the antenna
designed it for 20 meters, NOT as a multi-band antenna.

On 5/28/2013 10:08 PM, Furliips Stardust wrote:
> <snip>
>
> Thirdly, If you're using 450 ohm coax, use a 9:1 balun. 450/9=50. There's NO reason to
add fixed SWR issues to the feed line.
>
> Jeff-1.0
> wa6fwi

[Non-text portions of this message have been removed]

6241. AT11-MP

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-05-29 17:43:56 UTC
From: kb8nty
Topic: 6241 Message: 6241

As a proud owner of two of LDG's flagship tuners the AT-11 & AT11-MP, I have always been very curious of the "remote" connection on the rear of the AT11-MP. My owners manual, does not even mention it (unless I missed something). I believe it appears to be similar to a 9-pin serial type connection, upon opening case it is connected to the main board by a ribbon cable. Would anyone be so kind as to enlighten me as to just what this jack does or is on the case for. My only assumption would be some type of remote extension, yet the likeness to a serial port throws me off.
Thank you in advance for any replies & help offered...73

6242. Re: [LDG-auto-tuners] AT11-MP

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-05-29 17:47:44 UTC
From: Garry Foster
Topic: 6241 Message: 6242

I havesomeninfo on this somewhere. I'll try and find it andget back to you.
LDG document it somewhere.
On May 29, 2013 1:44 PM, "kb8nty" <kb8nty@wowway.com> wrote:

> **
>
>
> As a proud owner of two of LDG's flagship tuners the AT-11 & AT11-MP, I
> have
> always been very curious of the "remote" connection on the rear of the
> AT11-MP.
> My owners manual, does not even mention it (unless I missed something). I
> believe it appears to be similar to a 9-pin serial type connection, upon
> opening
> case it is connected to the main board by a ribbon cable. Would anyone be
> so
> kind as to enlighten me as to just what this jack does or is on the case
> for. My
> only assumption would be some type of remote extension, yet the likeness
> to a
> serial port throws me off.
> Thank you in advance for any replies & help offered...73
>
>
>

[Non-text portions of this message have been removed]

6243. Re: [LDG-auto-tuners] AT11-MP

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-05-31 17:27:56 UTC
From: Garry Foster
Topic: 6241 Message: 6243

Here is a link to the interface cable schematic..
http://www.ldgelectronics.com/assets/discontinued_manuals/acc11.pdf

The connector you are referring to is J2..

If you need help with pin names to function just post.

Grry

On Wed, May 29, 2013 at 1:43 PM, kb8nty <kb8nty@...> wrote:

> **
>
>
> As a proud owner of two of LDG's flagship tuners the AT-11 & AT11-MP, I
> have
> always been very curious of the "remote" connection on the rear of the
> AT11-MP.
> My owners manual, does not even mention it (unless I missed something). I
> believe it appears to be similar to a 9-pin serial type connection, upon
> opening
> case it is connected to the main board by a ribbon cable. Would anyone be
> so
> kind as to enlighten me as to just what this jack does or is on the case
> for. My
> only assumption would be some type of remote extension, yet the likeness
> to a
> serial port throws me off.
> Thank you in advance for any replies & help offered...73
>
>
>

[Non-text portions of this message have been removed]

6244. TW2 Modofication

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-06-04 17:11:39 UTC
From: Under Dog
Topic: 6244 Message: 6244

Is it possible to modify this unit to 27 MHz

6245. Re: [LDG-auto-tuners] TW2 Modofication

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-06-05 15:41:32 UTC
From: Furliips Stardust
Topic: 6244 Message: 6245

I had to look this one up. Cute watt meter.
I would think it should work in the 50 MHz/6 Meter position.

Jeff-1.0
wa6fwi

From: Under Dog <pipelineranr@...>

Is it possible to modify this unit to 27 MHz

[Non-text portions of this message have been removed]

6246. Re: [LDG-auto-tuners] TW2 Modofication

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-06-05 17:16:39 UTC
From: VE6LB
Topic: 6244 Message: 6246

The TW1 covers all HF bands.

73, Gerry VE6LB

From: Furliips Stardust
Sent: Wednesday, June 05, 2013 9:41 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] TW2 Modofication

I had to look this one up. Cute watt meter.
I would think it should work in the 50 MHz/6 Meter position.

Jeff-1.0
wa6fwi

From: Under Dog <mailto:pipelineranr%40yahoo.com>

Is it possible to modify this unit to 27 MHz

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

6247. TS-990 Update

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-06-12 17:24:14 UTC
From: Dwayne
Topic: 6247 Message: 6247

Hi All,

We've been playing with the new TS-990 here for a couple of weeks and found some interesting items.

First, the meter on the radio is almost an exact copy of the old DM-7800 that we did a few years ago. Kenwood also added a meter port on the back, so you can connect an external meter to it. Since Kenwood does not make one, we'll have one in a couple of months. It will be the DM-990 and have a list price of about $179.99.

Secondly, for some reason, Kenwood still limits the RF power to 100 watts if it detects an external tuner on the tuner port even though the TS-990 is a 200 watt radio (just like the TS-480HX). We think that there should be a letter writing (or e-mail) campaign to Kenwood to ask for a firmware change that allows the TS-990 radio to transmit 200 watts even with an external tuner connected. If we can get them to change that, we'll make a 200 watt tuner with a Kenwood interface (something like KT-200).

The reason (that we think) that they limit the power is that the only external tuner that they made (the AT-300) only did 100 watts. However, it's been discontinued for many years and it's time that the interface allow newer external tuners.

We don't have a Kenwood contact, but I'm sure one can be found.

That's it for now,

Dwayne Kincaid
LDG

6248. Re: Z100 and Long Wires

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-06-13 09:31:01 UTC
From: vk5zuc
Topic: 6236 Message: 6248

Karsten,
I have had a Z100 for several years and used it with many antennas.
It is good with G5RV, full wave loops, verticals and long wire kite antennas. 60 to 65 meters is a good length.
It has more capacitance inside than inductance so if the antenna is inductive at any frequency it is better.
If the antenna is capacitative you may need to add some L.
Andrew

--- In LDG-auto-tuners@yahoogroups.com, "Karsten Heddenhausen" <dc7os@...> wrote:
>
> Hi!
>
>
>
> I've got a Z100 auto tuner with the LDG 1:1 Balun. It works form my G5RV,
> but does it work for a long wire antenna too?
>
>
>
> 73 de Karsten DC7OS
>
>
>
> [Non-text portions of this message have been removed]
>

6249. Bypass and Ant 2 LED

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-06-15 00:42:16 UTC
From: n8ob
Topic: 6249 Message: 6249

I have an AT-600Pro and the Bypass and Ant 2 LED's are both on at the same time. I disconnected the power (12V power supply) reconnected it and still no difference. When they are both on, my radio sees a very high SWR and will not transmit. I connected my dummy load to the radio and everything worked fine (same coax cable). Any ideas??

6250. Re: [LDG-auto-tuners] Bypass and Ant 2 LED

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-06-15 04:54:57 UTC
From: doug pfaff
Topic: 6249 Message: 6250

bob see page13 of your manual for an explanation of the leds
the dummy load is an ideal 50 ohm match

Doug ve5dcp

----- Original Message -----
From: n8ob
To: LDG-auto-tuners@yahoogroups.com
Sent: Friday, June 14, 2013 6:42 PM
Subject: [LDG-auto-tuners] Bypass and Ant 2 LED

I have an AT-600Pro and the Bypass and Ant 2 LED's are both on at the same time. I disconnected the power (12V power supply) reconnected it and still no difference. When they are both on, my radio sees a very high SWR and will not transmit. I connected my dummy load to the radio and everything worked fine (same coax cable). Any ideas??

[Non-text portions of this message have been removed]

6251. Re: Bypass and Ant 2 LED

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-06-15 22:52:55 UTC
From: n8ob
Topic: 6249 Message: 6251

I was using the dummy load to check that the radio was working correctly. The AT-600 is acting very weird. It won't tune any antenna I have and it causes the TS-590 to show an extremely high SWR. I still have an AT-200, so I connected it and it tunes everything as it should. Maybe time to send the AT-600 in for testing.

--- In LDG-auto-tuners@yahoogroups.com, "doug pfaff" <doug.pfaff@...> wrote:
>
> bob see page13 of your manual for an explanation of the leds
> the dummy load is an ideal 50 ohm match
>
> Doug ve5dcp
>
> ----- Original Message -----
> From: n8ob
> To: LDG-auto-tuners@yahoogroups.com
> Sent: Friday, June 14, 2013 6:42 PM
> Subject: [LDG-auto-tuners] Bypass and Ant 2 LED
>
>
>
> I have an AT-600Pro and the Bypass and Ant 2 LED's are both on at the same time. I disconnected the power (12V power supply) reconnected it and still no difference. When they are both on, my radio sees a very high SWR and will not transmit. I connected my dummy load to the radio and everything worked fine (same coax cable). Any ideas??
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

6252. Re: [LDG-auto-tuners] Re: Bypass and Ant 2 LED

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-06-17 12:27:39 UTC
From: tccarroll@...
Topic: 6249 Message: 6252

Group...

I too have a 200ProII and a 600ProII and the 600Pro aint worth the money. I will not sell my 200ProII and probably will buy another. Best tuner I have ever owned.

Tom Carroll, W9CSX

In a message dated 6/15/2013 6:52:58 P.M. US Eastern Daylight Time, n8ob@... writes:

I was using the dummy load to check that the radio was working correctly. The AT-600 is acting very weird. It won't tune any antenna I have and it causes the TS-590 to show an extremely high SWR. I still have an AT-200, so I connected it and it tunes everything as it should. Maybe time to send the AT-600 in for testing.

--- In _LDG-auto-tuners@yahoogroups.com_ (mailto:LDG-auto-tuners@yahoogroups.com) , "doug pfaff" <doug.pfaff@...> wrote:
>
> bob see page13 of your manual for an explanation of the leds
> the dummy load is an ideal 50 ohm match
>
> Doug ve5dcp
>
> ----- Original Message -----
> From: n8ob
> To: _LDG-auto-tuners@yahoogroups.com_ (mailto:LDG-auto-tuners@yahoogroups.com)
> Sent: Friday, June 14, 2013 6:42 PM
> Subject: [LDG-auto-tuners] Bypass and Ant 2 LED
>
>
>
> I have an AT-600Pro and the Bypass and Ant 2 LED's are both on at the same time. I disconnected the power (12V power supply) reconnected it and still no difference. When they are both on, my radio sees a very high SWR and will not transmit. I connected my dummy load to the radio and everything worked fine (same coax cable). Any ideas??
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> [Non-text portions of this message have been removed]
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[Non-text portions of this message have been removed]

6253. Re: Bypass and Ant 2 LED

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-06-17 13:31:58 UTC
From: n8ob
Topic: 6249 Message: 6253

My AT-200Pro works all the time, everytime. I wish I could say the same about my less than 3 month old AT-600Pro. This is my third LDG tuner and the original AT-11 would tune anything but can't say the same about the AT-600. It is just too intermittent.

--- In LDG-auto-tuners@yahoogroups.com, tccarroll@... wrote:
>
> Group...
>
> I too have a 200ProII and a 600ProII and the 600Pro aint worth the money.
> I will not sell my 200ProII and probably will buy another. Best tuner I
> have ever owned.
>
> Tom Carroll, W9CSX
>
>
> In a message dated 6/15/2013 6:52:58 P.M. US Eastern Daylight Time,
> n8ob@... writes:
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>
> I was using the dummy load to check that the radio was working correctly.
> The AT-600 is acting very weird. It won't tune any antenna I have and it
> causes the TS-590 to show an extremely high SWR. I still have an AT-200, so I
> connected it and it tunes everything as it should. Maybe time to send the
> AT-600 in for testing.
>
> --- In _LDG-auto-tuners@yahoogroups.com_
> (mailto:LDG-auto-tuners@yahoogroups.com) , "doug pfaff" <doug.pfaff@> wrote:
> >
> > bob see page13 of your manual for an explanation of the leds
> > the dummy load is an ideal 50 ohm match
> >
> > Doug ve5dcp
> >
> > ----- Original Message -----
> > From: n8ob
> > To: _LDG-auto-tuners@yahoogroups.com_
> (mailto:LDG-auto-tuners@yahoogroups.com)
> > Sent: Friday, June 14, 2013 6:42 PM
> > Subject: [LDG-auto-tuners] Bypass and Ant 2 LED
> >
> >

> >
> > I have an AT-600Pro and the Bypass and Ant 2 LED's are both on at the
> same time. I disconnected the power (12V power supply) reconnected it and
> still no difference. When they are both on, my radio sees a very high SWR and
> will not transmit. I connected my dummy load to the radio and everything
> worked fine (same coax cable). Any ideas??
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> > [Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]
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6254. Re: [LDG-auto-tuners] Re: Bypass and Ant 2 LED

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-06-17 14:02:37 UTC
From: Leonard K. Pennock
Topic: 6249 Message: 6254

The AT600 doesn't want to tune things the AT100 and AT200 have no problems with. :(

On 06/17/2013 06:31 AM, n8ob wrote:
> My AT-200Pro works all the time, everytime. I wish I could say the same about my less than 3 month old AT-600Pro. This is my third LDG tuner and the original AT-11 would tune anything but can't say the same about the AT-600. It is just too intermittent.
>
> --- In LDG-auto-tuners@yahoogroups.com, tccarroll@... wrote:
>>
>> Group...
>>
>> I too have a 200ProII and a 600ProII and the 600Pro aint worth the money.
>> I will not sell my 200ProII and probably will buy another. Best tuner I
>> have ever owned.
>>
>> Tom Carroll, W9CSX
>>
>>
>> In a message dated 6/15/2013 6:52:58 P.M. US Eastern Daylight Time,
>> n8ob@... writes:
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>> I was using the dummy load to check that the radio was working correctly.
>> The AT-600 is acting very weird. It won't tune any antenna I have and it
>> causes the TS-590 to show an extremely high SWR. I still have an AT-200, so I
>> connected it and it tunes everything as it should. Maybe time to send the
>> AT-600 in for testing.
>>
>> --- In _LDG-auto-tuners@yahoogroups.com_
>> (mailto:LDG-auto-tuners@yahoogroups.com) , "doug pfaff" <doug.pfaff@> wrote:
>>>
>>> bob see page13 of your manual for an explanation of the leds
>>> the dummy load is an ideal 50 ohm match
>>>
>>> Doug ve5dcp
>>>
>>> ----- Original Message -----
>>> From: n8ob
>>> To: _LDG-auto-tuners@yahoogroups.com_
>> (mailto:LDG-auto-tuners@yahoogroups.com)

>>> Sent: Friday, June 14, 2013 6:42 PM
>>> Subject: [LDG-auto-tuners] Bypass and Ant 2 LED
>>>
>>>
>>>
>>> I have an AT-600Pro and the Bypass and Ant 2 LED's are both on at the
>> same time. I disconnected the power (12V power supply) reconnected it and
>> still no difference. When they are both on, my radio sees a very high SWR and
>> will not transmit. I connected my dummy load to the radio and everything
>> worked fine (same coax cable). Any ideas??
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>>> [Non-text portions of this message have been removed]
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>> [Non-text portions of this message have been removed]
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>
> Yahoo! Groups Links
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Leonard K. Pennock
AD7AS

Those who walk bravely through life, unafraid of loss or failure,
find that they very rarely lose or fail.

6256. Re: Bypass and Ant 2 LED

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-06-18 12:43:08 UTC
From: k2lrv
Topic: 6249 Message: 6256

Seems to be a common theme here as of late. The 200 and below tune what the 600 and up will not. Something is obviously different in them enough to be causing problems beyond the manufacturing acceptance/verification testing.

We really need to do some side by side comparison testing of these tuners with known loads and see if the different models get the same tuning solution.

--- In LDG-auto-tuners@yahoogroups.com, "Leonard K. Pennock" <leonardpennock@...> wrote:
>
> The AT600 doesn't want to tune things the AT100 and AT200 have no
> problems with. :(
>
> On 06/17/2013 06:31 AM, n8ob wrote:
> > My AT-200Pro works all the time, everytime. I wish I could say the same about my less than 3 month old AT-600Pro. This is my third LDG tuner and the original AT-11 would tune anything but can't say the same about the AT-600. It is just too intermittent.
> >
> > --- In LDG-auto-tuners@yahoogroups.com, tccarroll@ wrote:
> >>
> >> Group...
> >>
> >> I too have a 200ProII and a 600ProII and the 600Pro aint worth the money.
> >> I will not sell my 200ProII and probably will buy another. Best tuner I
> >> have ever owned.
> >>
> >> Tom Carroll, W9CSX
> >>
> >>
> >> In a message dated 6/15/2013 6:52:58 P.M. US Eastern Daylight Time,
> >> n8ob@ writes:
> >>
> >>
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> >>
> >> I was using the dummy load to check that the radio was working correctly.
> >> The AT-600 is acting very weird. It won't tune any antenna I have and it
> >> causes the TS-590 to show an extremely high SWR. I still have an AT-200, so I
> >> connected it and it tunes everything as it should. Maybe time to send the
> >> AT-600 in for testing.
> >>
> >> --- In _LDG-auto-tuners@yahoogroups.com_
> >> (mailto:LDG-auto-tuners@yahoogroups.com) , "doug pfaff" <doug.pfaff@> wrote:
> >>>

> >>> bob see page13 of your manual for an explanation of the leds
> >>> the dummy load is an ideal 50 ohm match
> >>>
> >>> Doug ve5dcp
> >>>
> >>> ----- Original Message -----
> >>> From: n8ob
> >>> To: _LDG-auto-tuners@yahoogroups.com_
> >> (mailto:LDG-auto-tuners@yahoogroups.com)
> >>> Sent: Friday, June 14, 2013 6:42 PM
> >>> Subject: [LDG-auto-tuners] Bypass and Ant 2 LED
> >>>
> >>>
> >>>
> >>> I have an AT-600Pro and the Bypass and Ant 2 LED's are both on at the
> >> same time. I disconnected the power (12V power supply) reconnected it and
> >> still no difference. When they are both on, my radio sees a very high SWR and
> >> will not transmit. I connected my dummy load to the radio and everything
> >> worked fine (same coax cable). Any ideas??
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> >>> [Non-text portions of this message have been removed]
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> >> [Non-text portions of this message have been removed]
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> > ------------------------------------
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> > Yahoo! Groups Links
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> >
> --
> Leonard K. Pennock
> AD7AS
>
> Those who walk bravely through life, unafraid of loss or failure,

> find that they very rarely lose or fail.
>

6257. Re: [LDG-auto-tuners] Re: Bypass and Ant 2 LED

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-06-18 14:57:22 UTC
From: tccarroll@...
Topic: 6249 Message: 6257

Group...

I have talked with the LDG folks the support line and at Dayton and everyone claims that I have to add coax or it tunes different or someother excuse. I was hoping the 600ProII was a beefed up (higher rateed components) that had the same tuning and firmware.

Tom Carroll, W9CSX

In a message dated 6/18/2013 8:43:12 A.M. US Eastern Daylight Time, lciotti1@... writes:

Seems to be a common theme here as of late. The 200 and below tune what the 600 and up will not. Something is obviously different in them enough to be causing problems beyond the manufacturing acceptance/verification testing.

We really need to do some side by side comparison testing of these tuners with known loads and see if the different models get the same tuning solution.

--- In _LDG-auto-tuners@yahoogroups.com_ (mailto:LDG-auto-tuners@yahoogroups.com) , "Leonard K. Pennock" <leonardpennock@...> wrote:
>
> The AT600 doesn't want to tune things the AT100 and AT200 have no
> problems with. :(
>
> On 06/17/2013 06:31 AM, n8ob wrote:
> > My AT-200Pro works all the time, everytime. I wish I could say the same about my less than 3 month old AT-600Pro. This is my third LDG tuner and the original AT-11 would tune anything but can't say the same about the AT-600. It is just too intermittent.
> >
> > --- In _LDG-auto-tuners@yahoogroups.com_ (mailto:LDG-auto-tuners@yahoogroups.com) , tccarroll@ wrote:
> >>
> >> Group...
> >>
> >> I too have a 200ProII and a 600ProII and the 600Pro aint worth the money.
> >> I will not sell my 200ProII and probably will buy another. Best tuner I
> >> have ever owned.
> >>
> >> Tom Carroll, W9CSX
> >>
> >>

> >> In a message dated 6/15/2013 6:52:58 P.M. US Eastern Daylight Time,
> >> n8ob@ writes:
> >>
> >>
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> >>
> >> I was using the dummy load to check that the radio was working
correctly.
> >> The AT-600 is acting very weird. It won't tune any antenna I have and
it
> >> causes the TS-590 to show an extremely high SWR. I still have an
AT-200, so I
> >> connected it and it tunes everything as it should. Maybe time to send
the
> >> AT-600 in for testing.
> >>
> >> --- In __LDG-auto-tuners@yahoogroups.com_
(mailto:_LDG-auto-tuners@yahoogroups.com) _
> >> (mailto:_LDG-auto-tuners@yahoogroups.com_
(mailto:LDG-auto-tuners@yahoogroups.com)) , "doug pfaff" <doug.pfaff@> wrote:
> >>>
> >>> bob see page13 of your manual for an explanation of the leds
> >>> the dummy load is an ideal 50 ohm match
> >>>
> >>> Doug ve5dcp
> >>>
> >>> ----- Original Message -----
> >>> From: n8ob
> >>> To: __LDG-auto-tuners@yahoogroups.com_
(mailto:_LDG-auto-tuners@yahoogroups.com) _
> >> (mailto:_LDG-auto-tuners@yahoogroups.com_
(mailto:LDG-auto-tuners@yahoogroups.com))
> >>> Sent: Friday, June 14, 2013 6:42 PM
> >>> Subject: [LDG-auto-tuners] Bypass and Ant 2 LED
> >>>
> >>>
> >>>
> >>> I have an AT-600Pro and the Bypass and Ant 2 LED's are both on at the
> >> same time. I disconnected the power (12V power supply) reconnected it
and
> >> still no difference. When they are both on, my radio sees a very high
SWR and
> >> will not transmit. I connected my dummy load to the radio and
everything
> >> worked fine (same coax cable). Any ideas??
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> >>> [Non-text portions of this message have been removed]
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> >> [Non-text portions of this message have been removed]
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> > ------------------------------------
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> > Yahoo! Groups Links
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>
> --
> Leonard K. Pennock
> AD7AS
>
> Those who walk bravely through life, unafraid of loss or failure,
> find that they very rarely lose or fail.
>

[Non-text portions of this message have been removed]

6258. Re: [LDG-auto-tuners] Re: Bypass and Ant 2 LED

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-06-18 15:39:23 UTC
From: Furliips Stardust
Topic: 6249 Message: 6258

It's not an excuse, it's simple physics.
An understanding of transmission line theory and Smith Charts would help you to see this.
Secondly, if an AT-600 was identical to an AT-200 it would have an AT-200 label on the front.

Wide range antenna tuners, especially automatic ones are great, but the common myth that they
will tune up everything from a bed spring to your wife's panties is a misconception.

Jeff-1.0
wa6fwi

_____
From: "tccarroll@..." <tccarroll@...>

Group...

I have talked with the LDG folks the support line and at Dayton and
everyone claims that I have to add coax or it tunes different or someother
excuse.

[Non-text portions of this message have been removed]

6259. Re: [LDG-auto-tuners] Re: Bypass and Ant 2 LED

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-06-18 15:51:57 UTC
From: Leonard K. Pennock
Topic: 6249 Message: 6259

You can make any argument you want about smith charts but bottom line is
tuning range for AT200Pro2, AT600Pro2 and AT1000Pro2 is 6-800 ohms. As
a consumer you would expect them to tune the same load. Since they
don't there is a difference and this equates to a consumer dissatisfaction.

On 06/18/2013 08:39 AM, Furliips Stardust wrote:
> It's not an excuse, it's simple physics.
> An understanding of transmission line theory and Smith Charts would help you to see this.
> Secondly, if an AT-600 was identical to an AT-200 it would have an AT-200 label on the
front.
>
> Wide range antenna tuners, especially automatic ones are great, but the common myth that
they
> will tune up everything from a bed spring to your wife's panties is a misconception.
>
> Jeff-1.0
> wa6fwi
>
>
> _____
> From: "tccarroll@..." <tccarroll@...>
>
>
>
>
> Group...
>
> I have talked with the LDG folks the support line and at Dayton and
> everyone claims that I have to add coax or it tunes different or someother
> excuse.
>
> [Non-text portions of this message have been removed]
>
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> Yahoo! Groups Links
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--
Leonard K. Pennock
AD7AS

Those who walk bravely through life, unafraid of loss or failure,
find that they very rarely lose or fail.

6260. Re: [LDG-auto-tuners] Re: Bypass and Ant 2 LED

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-06-18 23:33:27 UTC
From: doug pfaff
Topic: 6249 Message: 6260

Well put I see lots of chatter about this tuner, Iwonder how many people are reading there manuals and also checking out the basicre transmission lines and impedance matching in the ARRL handbook for example.
Understanding smith charts or using a rf bridge to see what exists at the tx end of the transmission line a MFJ analyzer does not necesssarily tell you everything.

An older ham elmer ham told me over tweny years ago get your antenna and feedline as close to perfect and you will avoid alot of problems.

Refer back to antenna matching theory in the ARRL handbook. maybe some of the teaching instructors are miising this in todays theory during ham calls lectures

By load you need to include the reactive factor where you have a real and reactive components (resistive component then the reactive part eg xl or xc component both of these make up your antenna .

Every persons antenna installation is not likely ideal ,soil resistivity, wet or dry conditions, closeness to grounded object metal or tees for examples.

RF will leak to ground remember the E and I factor in power formulas insulation principals and property of materials used glass vs plastic insulators for example also the materials the manufactures pick in the anntena construction.

Tuner components also have limits in what they can correct to.

Doug VE5DCP

----- Original Message -----
From: Leonard K. Pennock
To: LDG-auto-tuners@yahoogroups.com
Sent: Tuesday, June 18, 2013 9:51 AM
Subject: Re: [LDG-auto-tuners] Re: Bypass and Ant 2 LED

You can make any argument you want about smith charts but bottom line is
tuning range for AT200Pro2, AT600Pro2 and AT1000Pro2 is 6-800 ohms. As
a consumer you would expect them to tune the same load. Since they
don't there is a difference and this equates to a consumer dissatisfaction.

On 06/18/2013 08:39 AM, Furliips Stardust wrote:
> It's not an excuse, it's simple physics.
> An understanding of transmission line theory and Smith Charts would help you to see this.
> Secondly, if an AT-600 was identical to an AT-200 it would have an AT-200 label on the front.
>
> Wide range antenna tuners, especially automatic ones are great, but the common myth that they
> will tune up everything from a bed spring to your wife's panties is a misconception.

>
> Jeff-1.0
> wa6fwi
>
>
> _____
> From: "tccarroll@..." <tccarroll@...>
>
>
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>
> Group...
>
> I have talked with the LDG folks the support line and at Dayton and
> everyone claims that I have to add coax or it tunes different or someother
> excuse.
>
> [Non-text portions of this message have been removed]
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> ---
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> Yahoo! Groups Links
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--
Leonard K. Pennock
AD7AS

Those who walk bravely through life, unafraid of loss or failure,
find that they very rarely lose or fail.

[Non-text portions of this message have been removed]

6261. Re: Bypass and Ant 2 LED

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-06-19 12:59:18 UTC
From: k2lrv
Topic: 6249 Message: 6261

The real problem is that LDG has stated "the designs are the same, just the components are rated for higher power" All things equal, If the 200 and lower have A,B,C value capacitors and X,Y,Z value inductors and the 600 and up have the same "values" then the tuning range should in theory be the same. The smith chart does not take into account power rating, it is only impedance, and moving an impedance to get a match only depends on the impedance/admittance of the components used, or the transmission line lengths involved.

If the values of the Ls and Cs used are the same within some tolerance, the only thing that I can think of that is causing the difference in tuning range would be the relays, and the lengths of the transmission lines used to interconnect the components (both Ls and Cs as well as the relays and input/output connectors). It is apparent from my experience with the higher power tuners it appears to have more trouble with low values of R (the real part).

--- In LDG-auto-tuners@yahoogroups.com, "doug pfaff" <doug.pfaff@...> wrote:
>
> Well put I see lots of chatter about this tuner, Iwonder how many people are reading there manuals and also checking out the basicre transmission lines and impedance matching in the ARRL handbook for example.
> Understanding smith charts or using a rf bridge to see what exists at the tx end of the transmission line a MFJ analyzer does not necesssarily tell you everything.
>
> An older ham elmer ham told me over tweny years ago get your antenna and feedline as close to perfect and you will avoid alot of problems.
>
> Refer back to antenna matching theory in the ARRL handbook. maybe some of the teaching instructors are miising this in todays theory during ham calls lectures
>
> By load you need to include the reactive factor where you have a real and reactive components (resistive component then the reactive part eg xl or xc component both of these make up your antenna .
>
> Every persons antenna installation is not likely ideal ,soil resistivity, wet or dry conditions, closeness to grounded object metal or tees for examples.
>
> RF will leak to ground remember the E and I factor in power formulas insulation principals and property of materials used glass vs plastic insulators for example also the materials the manufactures pick in the anntena construction.
>
> Tuner components also have limits in what they can correct to.
>
>
> Doug VE5DCP
>
>
>

>
> ----- Original Message -----
> From: Leonard K. Pennock
> To: LDG-auto-tuners@yahoogroups.com
> Sent: Tuesday, June 18, 2013 9:51 AM
> Subject: Re: [LDG-auto-tuners] Re: Bypass and Ant 2 LED
>
>
>
> You can make any argument you want about smith charts but bottom line is
> tuning range for AT200Pro2, AT600Pro2 and AT1000Pro2 is 6-800 ohms. As
> a consumer you would expect them to tune the same load. Since they
> don't there is a difference and this equates to a consumer dissatisfaction.
>
> On 06/18/2013 08:39 AM, Furliips Stardust wrote:
> > It's not an excuse, it's simple physics.
> > An understanding of transmission line theory and Smith Charts would help you to see
this.
> > Secondly, if an AT-600 was identical to an AT-200 it would have an AT-200 label on the
front.
> >
> > Wide range antenna tuners, especially automatic ones are great, but the common myth
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> > will tune up everything from a bed spring to your wife's panties is a misconception.
> >
> > Jeff-1.0
> > wa6fwi
> >
> >
> > _____
> > From: "tccarroll@..." <tccarroll@...>
> >
> >
> >
> >
> > Group...
> >
> > I have talked with the LDG folks the support line and at Dayton and
> > everyone claims that I have to add coax or it tunes different or someother
> > excuse.
> >
> > [Non-text portions of this message have been removed]
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> > ------------------------------------
> >
> > Yahoo! Groups Links
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> >
>
> --
> Leonard K. Pennock
> AD7AS
>
> Those who walk bravely through life, unafraid of loss or failure,
> find that they very rarely lose or fail.
>
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>
>
> [Non-text portions of this message have been removed]
>

6262. New member

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-06-19 21:37:06 UTC
From: drogers12744
Topic: 701 Message: 6262

Good afternoon everyone. I'm new to this group. I have an AT-897 plus and a Z11ProII in use now and just acquired a YT-100 used for an FT-100D that going to run Mobile. The cover of the YT-100 is badly scratched so I wanted to at least check the cost of a new cover with LDG. They don't seem to be geared up for part sales. Am I forced to go through a distributor or have I missed something on their website? 73 Dean KC3Z

6263. Re: New member

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-06-20 03:43:35 UTC
From: Dwayne
Topic: 701 Message: 6263

Dean,

The lid for the YT-100 (as most lids) is a part that we do not carry. There are no distributors that carry lids.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "drogers12744" <drogers127@...> wrote:
>
> Good afternoon everyone. I'm new to this group. I have an AT-897 plus and a Z11ProII in use now and just acquired a YT-100 used for an FT-100D that going to run Mobile. The cover of the YT-100 is badly scratched so I wanted to at least check the cost of a new cover with LDG. They don't seem to be geared up for part sales. Am I forced to go through a distributor or have I missed something on their website? 73 Dean KC3Z
>

6264. Re: New member

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-06-20 22:36:28 UTC
From: drogers12744
Topic: 701 Message: 6264

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
> Dean,
>
> The lid for the YT-100 (as most lids) is a part that we do not carry. There are no distributors that carry lids.
>
> Dwayne Kincaid
> LDG
>
>
>
>

Mr. Kincaid,

Thank you for responding. I was under the understanding that LDG actually made auto-tuners...and in the USA. LDG tuners are significantly better units than what the radio manufacturers offer.

I also sort of assumed that if LDG made the tuner that they would surely fabricate the sheet metal. If my assumptions and understandings are correct; why wouldn't you good folks sell the covers? In general, the ham community is VERY particular with regard to the appearance of our equipment. Stacking equipment and operating mobile often puts scratches and other undesirable marks on the covers of our gear. I know that we would pay good money to replace them...so why would any good business person ignore this market???
Dean KC3Z

6265. Re: New member

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-06-21 00:45:52 UTC
From: Dwayne
Topic: 701 Message: 6265

Hi Dean,

Sorry to disappoint, we don't do everything! We outsource the enclosures and the PC boards and have been for over a decade. A long, long time ago, Ten-Tec made our enclosures, but their quality went down and the price went up (which happened a lot in the 1990s).

Over the years, we've had many, many companies make the enclosures and PC boards.

It's possible that our units are better than others, but we have not seen any quantitative information to back that up. We have a continuing passion to improve quality and value all the time and we hope that it shows in our products.

Occasionally, we will have a scratched or dented lid or chassis that does not pass our QC and those units will be sold at a discounted price through www.cheapham.com. All units that pass all QC checks become production units that go to all distributors.

I hope this help understand the process,

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "drogers12744" <drogers127@...> wrote:
>
>
>
> --- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@> wrote:
> >
> > Dean,
> >
> > The lid for the YT-100 (as most lids) is a part that we do not carry. There are no distributors that carry lids.
> >
> > Dwayne Kincaid
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> Dean KC3Z
>

6266. Re: New member

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-06-21 22:14:33 UTC
From: n7mch
Topic: 701 Message: 6266

The fact that I bought my AT100 Pro II through CheapHam and the fact that units that do not pass all QC tests go there for sale probably explains why I still can't get mine working. I have added grounding, repaired cables, checked the shack for RF leaks and no luck.

I was going to sell it on eBay but now not sure I want to pass on a less than quality product to another ham.

73 de N7MCH Walt

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
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> Hi Dean,
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> Sorry to disappoint, we don't do everything! We outsource the enclosures and the PC boards and have been for over a decade. A long, long time ago, Ten-Tec made our enclosures, but their quality went down and the price went up (which happened a lot in the 1990s).
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> >
>

6267. Re: [LDG-auto-tuners] Re: New member

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-06-21 22:28:18 UTC
From: Craig
Topic: 701 Message: 6267

As I read the below, I think Dwayne was just referring to small cosmetic defects in the outer case.

Craig

On Jun 21, 2013, at 6:14 PM, "n7mch" <n7mch@...> wrote:

> The fact that I bought my AT100 Pro II through CheapHam and the fact that units that do not pass all QC tests go there for sale probably explains why I still can't get mine working. I have added grounding, repaired cables, checked the shack for RF leaks and no luck.
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>
> 73 de N7MCH Walt
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> --- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
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>> Over the years, we've had many, many companies make the enclosures and PC boards.
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>> It's possible that our units are better than others, but we have not seen any quantitative information to back that up. We have a continuing passion to improve quality and value all the time and we hope that it shows in our products.
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>>
>> Dwayne Kincaid
>> LDG
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>> --- In LDG-auto-tuners@yahoogroups.com, "drogers12744" <drogers127@> wrote:
>>>
>>>
>>>

>>> --- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@> wrote:
>>>>
>>>> Dean,
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>>>> The lid for the YT-100 (as most lids) is a part that we do not carry. There are no distributors that carry lids.
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>>>> Dwayne Kincaid
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>>> Dean KC3Z
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> Yahoo! Groups Links
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6268. Re: New member

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-06-22 04:40:06 UTC
From: Dwayne
Topic: 701 Message: 6268

Hi Walt,

I think you misunderstood the statement. We do not ship any units that do not pass all "functional" QC tests. However, we will send units that have cosmetic deficiencies (as this is what this thread is about) to CheapHam to be sold at a discount.

All units, even the ones with imperfections on the enclosure, carry a full warranty.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "n7mch" <n7mch@...> wrote:
>
> The fact that I bought my AT100 Pro II through CheapHam and the fact that units that do not pass all QC tests go there for sale probably explains why I still can't get mine working. I have added grounding, repaired cables, checked the shack for RF leaks and no luck.
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> I was going to sell it on eBay but now not sure I want to pass on a less than quality product to another ham.
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> 73 de N7MCH Walt
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> --- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@> wrote:
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> > Hi Dean,
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> > Sorry to disappoint, we don't do everything! We outsource the enclosures and the PC boards and have been for over a decade. A long, long time ago, Ten-Tec made our enclosures, but their quality went down and the price went up (which happened a lot in the 1990s).
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> > Dwayne Kincaid
> > LDG
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> > --- In LDG-auto-tuners@yahoogroups.com, "drogers12744" <drogers127@> wrote:
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> > > --- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@> wrote:
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> > > Dean KC3Z
> > >
> >
>

6269. YT-450 and CAT control problem ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-06-21 21:19:37 UTC
From: Demetre
Topic: 6269 Message: 6269

I recently purchased a YT-450 to go with my FT-450D.
The tuner works OK as long as it is used without a computer connected for CAT control.

Once a software such as MixW (PC) or Fldigi (Mac, I tried this with both PC and Mac) the tuner will not initiate a tuning cycle ! What I concluded is that the RTS flow control isn't reported properly when a computer is connected.

Has anyone experienced this problem ? is there a fix ?

TNX
Demetre - VE3/SV1ENS

6270. Re: [LDG-auto-tuners] Re: New member

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-06-22 18:30:40 UTC
From: Timothy-Allen Albertson
Topic: 701 Message: 6270

which is a good idea, good business i you ask this old ugly man

72/73 TIMOTHY-ALLEN ALBERTSON KD∅OIA/(ex KG6IRH)---AFA7BT/7

On Fri, Jun 21, 2013 at 11:40 PM, Dwayne <ldgyahoo@...>wrote:

> **
>
>
> Hi Walt,
>
> I think you misunderstood the statement. We do not ship any units that do
> not pass all "functional" QC tests. However, we will send units that have
> cosmetic deficiencies (as this is what this thread is about) to CheapHam to
> be sold at a discount.
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> All units, even the ones with imperfections on the enclosure, carry a full
> warranty.
>
> Dwayne Kincaid
> LDG
>
>
> --- In LDG-auto-tuners@yahoogroups.com, "n7mch" <n7mch@...> wrote:
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> > The fact that I bought my AT100 Pro II through CheapHam and the fact
> that units that do not pass all QC tests go there for sale probably
> explains why I still can't get mine working. I have added grounding,
> repaired cables, checked the shack for RF leaks and no luck.
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> than quality product to another ham.
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> > 73 de N7MCH Walt
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> > --- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@> wrote:
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> > > Hi Dean,
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> > > Sorry to disappoint, we don't do everything! We outsource the
> enclosures and the PC boards and have been for over a decade. A long, long
> time ago, Ten-Tec made our enclosures, but their quality went down and the
> price went up (which happened a lot in the 1990s).
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> > > Over the years, we've had many, many companies make the enclosures and
> PC boards.

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> > > It's possible that our units are better than others, but we have not
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> passion to improve quality and value all the time and we hope that it shows
> in our products.
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> > > LDG
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> > > --- In LDG-auto-tuners@yahoogroups.com, "drogers12744" <drogers127@>
> wrote:
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> > > >
> > > >
> > > > --- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@> wrote:
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> > > > Dean KC3Z
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[Non-text portions of this message have been removed]

6271. Re: [LDG-auto-tuners] YT-450 and CAT control problem ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-06-22 23:18:01 UTC
From: Brian Denley
Topic: 6269 Message: 6271

Demetre:
I did. My new YT-450 did not work properly with my FT-950 under computer control. I sent it back and LDG repaired it at no cost. Works perfectly now.

Brian KB1VBF

Sent from my iPad

On Jun 21, 2013, at 5:19 PM, "Demetre" <sv1ens@...> wrote:

>
> I recently purchased a YT-450 to go with my FT-450D.
> The tuner works OK as long as it is used without a computer connected for CAT control.
>
> Once a software such as MixW (PC) or Fldigi (Mac, I tried this with both PC and Mac) the tuner will not initiate a tuning cycle ! What I concluded is that the RTS flow control isn't reported properly when a computer is connected.
>
> Has anyone experienced this problem ? is there a fix ?
>
> TNX
> Demetre - VE3/SV1ENS
>
>

[Non-text portions of this message have been removed]

6272. Re: New member

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-06-23 03:37:00 UTC
From: drogers12744
Topic: 701 Message: 6272

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
> Hi Dean,
>
> Sorry to disappoint, we don't do everything! We outsource the enclosures and the PC boards and have been for over a decade. A long, long time ago, Ten-Tec made our enclosures, but their quality went down and the price went up (which happened a lot in the 1990s).
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> Over the years, we've had many, many companies make the enclosures and PC boards.
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> I hope this help understand the process,
>
> Dwayne Kincaid
> LDG
>
>
>
> -Mr. Kincaid,

Thank you once again for your response. I really like Cheapham and would have no problem buying an LDG product in the "scratched and dented department (mfg refurbished)" with your full warranty.

I confess sir, that I'm still trying to get my arms around you as a person on this forum and where you might fit into my needs as an LDG customer. Yes sir, I did say and mean my needs. May I ask, is part of your job at LDG Electronics responding to queries from this forum?
May I ask what is you job title? And finally, are you an active Amateur radio operator? I'm pretty sure that the answer to my last question is no. I say that because you are seeking a "qualitative proof" of LDG's superiority with Auto-tuners. Really?

The only real question that I need answered is does LDG offer a touch-up paint for tuners. If the answer to that is NO, then LDG really needs to get in touch with the ham community because truly, LDG doesn't know us. Dean KC3Z
> >
>

6273. Re: [LDG-auto-tuners] Re: New member

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-06-23 04:52:11 UTC
From: Furliips Stardust
Topic: 701 Message: 6273

If you take the time to look, you'll find that Dwayne has an Amateur Extra Class license. You'll also find that his mailing address is the same as the mailing address for LDG Electronics.

As to touch up paint, mostly it's black. How difficult is that?

Jeff-1.0
wa6fwi

From: drogers12744 <drogers127@...>
To: LDG-auto-tuners@yahoogroups.com
Sent: Saturday, June 22, 2013 10:37 PM
Subject: [LDG-auto-tuners] Re: New member

And finally, are you an active Amateur radio operator? I'm pretty sure that the answer to my last question is no. I say that because you are seeking a "qualitative proof" of LDG's superiority with Auto-tuners. Really?

The only real question that I need answered is does LDG offer a touch-up paint for tuners. If the answer to that is NO, then LDG really needs to get in touch with the ham community because truly, LDG doesn't know us. Dean KC3Z

[Non-text portions of this message have been removed]

6274. Re: New member

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-06-23 12:35:04 UTC
From: Dwayne
Topic: 701 Message: 6274

Hi Dean,

I'm not going to answer the superfluous questions. One of the rules of this board is that you must remain civil and you are on the borderline of that.

If it were me and had a badly scratched lid, I'd properly sand the lid and use some flat black spray paint from your local hardware store. Since we use close to flat black, it would give you a very close match.

If it were a small scratch, a wide tipped black sharpie can be used. Draw on the scratch and then lightly wipe away the excess with a soft cloth or tissue.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "drogers12744" <drogers127@...> wrote:
>
>
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> --- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@> wrote:
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> Thank you once again for your response. I really like Cheapham and would have no problem buying an LDG product in the "scratched and dented department (mfg refurbished)" with your full warranty.
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> I confess sir, that I'm still trying to get my arms around you as a person on this forum and where you might fit into my needs as an LDG customer. Yes sir, I did say and mean my needs. May I ask, is part of your job at LDG Electronics responding to queries from this forum?
> May I ask what is you job title? And finally, are you an active Amateur radio operator? I'm pretty sure that the answer to my last question is no. I say that because you are seeking a "qualitative proof" of LDG's superiority with Auto-tuners. Really?
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6275. Re: [LDG-auto-tuners] Re: New member

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-06-23 13:30:59 UTC
From: Jimmy (WB8NBI)
Topic: 701 Message: 6275

Dwayne is the owner of LDG.

DE Jimmy (WB8NBI)

From: drogers12744
Sent: Saturday, June 22, 2013 11:37 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: New member

--- In mailto:LDG-auto-tuners%40yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
> Hi Dean,
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> Sorry to disappoint, we don't do everything! We outsource the enclosures and the PC boards and have been for over a decade. A long, long time ago, Ten-Tec made our enclosures, but their quality went down and the price went up (which happened a lot in the 1990s).
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[Non-text portions of this message have been removed]

6276. Re: [LDG-auto-tuners] Re: New member

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-06-23 13:36:57 UTC
From: Joe
Topic: 701 Message: 6276

The only real question that I need answered is does LDG offer a touch-up paint for tuners. If the answer to that is NO, then LDG really needs to get in touch with the ham community because truly, LDG doesn't know us.
Dean KC3Z
==========
Hello Dean,

Please send me a list of the ham companies that supply touch-up paint, I've never heard of this being offered in my 55 years as a ham.

Joe

6277. Re: [LDG-auto-tuners] Re: New member

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-06-23 13:40:36 UTC
From: Bill Aycock
Topic: 701 Message: 6277

Dean--
I think you are barking at the wrong stump. Dwayne's title is either "Owner" or "Major Share Holder" He is a long time Ham. (Member of QCWA)
He, personally, participates in this list, and a review of the Archives will show outstanding support of LDG products.
You should pay more attention before shooting your mouth off.
Bill--W4BSG

-----Original Message-----
From: drogers12744
Sent: Saturday, June 22, 2013 10:37 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: New member

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
> Hi Dean,
>
> Sorry to disappoint, we don't do everything! We outsource the enclosures
> and the PC boards and have been for over a decade. A long, long time ago,
> Ten-Tec made our enclosures, but their quality went down and the price
> went up (which happened a lot in the 1990s).
>
> Over the years, we've had many, many companies make the enclosures and PC
> boards.
>
> It's possible that our units are better than others, but we have not seen
> any quantitative information to back that up. We have a continuing passion
> to improve quality and value all the time and we hope that it shows in our
> products.
>
> Occasionally, we will have a scratched or dented lid or chassis that does
> not pass our QC and those units will be sold at a discounted price through
> www.cheapham.com. All units that pass all QC checks become production
> units that go to all distributors.
>
> I hope this help understand the process,
>
> Dwayne Kincaid
> LDG
>
>
>
> -Mr. Kincaid,

Thank you once again for your response. I really like Cheapham and would have no problem buying an LDG product in the "scratched and dented department (mfg refurbished)" with your full warranty.

I confess sir, that I'm still trying to get my arms around you as a person on this forum and where you might fit into my needs as an LDG customer. Yes sir, I did say and mean my needs. May I ask, is part of your job at LDG Electronics responding to queries from this forum?
May I ask what is you job title? And finally, are you an active Amateur radio operator? I'm pretty sure that the answer to my last question is no. I say that because you are seeking a "qualitative proof" of LDG's superiority with Auto-tuners. Really?

The only real question that I need answered is does LDG offer a touch-up paint for tuners. If the answer to that is NO, then LDG really needs to get in touch with the ham community because truly, LDG doesn't know us.
Dean KC3Z
> >
>

Yahoo! Groups Links

6278. RE: [Bulk] Re: [LDG-auto-tuners] Re: New member

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-06-23 13:47:50 UTC
From: Bill Husted
Topic: 701 Message: 6278

I'll just add how impressive it is that the owner of the product actually takes part in the group. That's gives users of the product a direct line to the owner. It's sure uncommon. And it means that he gets the beefs as well as the thank you notes. I believe he has handled himself really well when responding.

Bill KQ4YA

-----Original Message-----
From: LDG-auto-tuners@yahoogroups.com
[mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Bill Aycock
Sent: Sunday, June 23, 2013 9:41 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: [Bulk] Re: [LDG-auto-tuners] Re: New member

Dean--
I think you are barking at the wrong stump. Dwayne's title is either "Owner"

or "Major Share Holder" He is a long time Ham. (Member of QCWA) He, personally, participates in this list, and a review of the Archives will show outstanding support of LDG products.
You should pay more attention before shooting your mouth off.
Bill--W4BSG

-----Original Message-----
From: drogers12744
Sent: Saturday, June 22, 2013 10:37 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: New member

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
> Hi Dean,
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> and the PC boards and have been for over a decade. A long, long time ago,
> Ten-Tec made our enclosures, but their quality went down and the price
> went up (which happened a lot in the 1990s).
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> Over the years, we've had many, many companies make the enclosures and PC
> boards.
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> It's possible that our units are better than others, but we have not seen
> any quantitative information to back that up. We have a continuing passion

> to improve quality and value all the time and we hope that it shows in our

> products.
>
> Occasionally, we will have a scratched or dented lid or chassis that does
> not pass our QC and those units will be sold at a discounted price through

> www.cheapham.com. All units that pass all QC checks become production
> units that go to all distributors.
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> I hope this help understand the process,
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> Dwayne Kincaid
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> -Mr. Kincaid,

Thank you once again for your response. I really like Cheapham and would
have no problem buying an LDG product in the "scratched and dented
department (mfg refurbished)" with your full warranty.

I confess sir, that I'm still trying to get my arms around you as a person
on this forum and where you might fit into my needs as an LDG customer. Yes

sir, I did say and mean my needs. May I ask, is part of your job at LDG
Electronics responding to queries from this forum?
May I ask what is you job title? And finally, are you an active Amateur
radio operator? I'm pretty sure that the answer to my last question is no.
I say that because you are seeking a "qualitative proof" of LDG's
superiority with Auto-tuners. Really?

The only real question that I need answered is does LDG offer a touch-up
paint for tuners. If the answer to that is NO, then LDG really needs to
get in touch with the ham community because truly, LDG doesn't know us.
Dean KC3Z
> >
>

Yahoo! Groups Links

Yahoo! Groups Links

6279. Re: [LDG-auto-tuners] Re: New member

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-06-23 13:49:53 UTC
From: Giuseppe Marullo
Topic: 701 Message: 6279

Dean,
you don't have the foggiest idea how much customer oriented LDG company is. There are countless examples here, and countless not even listed here.

I will give just one. I own a AT-100 Pro and tried to get the free balun offer, but I had to send original receipt back. They accepted the scan of the receipt instead and the balun came some days after. In ITALY.

It is so customer oriented that probably a nearby ham would paint to you the box just to avoid you keep nagging LDG. Where are you based?

Giuseppe Marullo
IW2JWW

On 6/23/2013 5:37 AM, drogers12744 wrote:
> --- InLDG-auto-tuners@yahoogroups.com, "Dwayne"<ldgyahoo@...> wrote:
>> Hi Dean,
>>
>> Sorry to disappoint, we don't do everything! We outsource the enclosures and the PC boards and have been for over a decade. A long, long time ago, Ten-Tec made our enclosures, but their quality went down and the price went up (which happened a lot in the 1990s).
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>
>
> ------------------------------------
>
> Yahoo! Groups Links
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>

6280. On a brighter note:

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-06-23 13:53:40 UTC
From: Furliips Stardust
Topic: 701 Message: 6280

I'm using a Z-11 ProII tuner with a 9:1 balun, 450 ohm window line and a 102' doublet antenna at 35' in an inverted-vee configuration.

This is what I've heard over night and this morning from Central Texas on 20 meter PSK31.

1) Summary by Continent and Country (14)

Callsign	Time	Band	Country
UA0CBM	02:24	20m	AS Asiatic Russia
JR1EMO	04:16	20m	AS Japan
OK1PJB	02:52	20m	EU Czech Republic
DJ5VB	02:57	20m	EU Fed. Republic of Germany
F6ECI	02:43	20m	EU France
IW6CZF	02:44	20m	EU Italy
VE3MIS	06:48	20m	NA Canada
KP4FD	04:17	20m	NA Puerto Rico
W3AO	06:50	20m	NA United States
NP2VI	05:05	20m	NA Virgin Is.
WH2HAO	02:26	20m	OC Guam
LW1DQQ	06:45	20m	SA Argentina
HK6ONG	23:53	20m	SA Colombia
YV4DHS	06:44	20m	SA Venezuela

I'd say the tuner is doing an excellent job.

Jeff-1.0
wa6fwi

[Non-text portions of this message have been removed]

6281. Re: [Bulk] Re: [LDG-auto-tuners] Re: New member

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-06-23 14:07:46 UTC
From: Richard Neilsen
Topic: 701 Message: 6281

I for one will vouch for the customer service of LDG, I sent two Z100 auto tuners from Australia back to the USA to be repaired, both tuners are well out of warranty and I have had plenty of use with them. One of them had been modified so I could use it remotely while mobile.

Both tuners had been fixed and returned to me at no charge. This is a great way to keep customers happy and I will definitely purchase LDG items again.

Cheers to the crew at LDG Electronics for their outstanding customer service. WELL DONE

Cheers

Richard Neilsen
President Blue Mountains Amateur Radio Club.
VK2BO
0427019046

On 23/06/2013 11:47 PM, Bill Husted wrote:
>
> I'll just add how impressive it is that the owner of the product actually
> takes part in the group. That's gives users of the product a direct
> line to
> the owner. It's sure uncommon. And it means that he gets the beefs as well
> as the thank you notes. I believe he has handled himself really well when
> responding.
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> Bill KQ4YA
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> -----Original Message-----
> From: LDG-auto-tuners@yahoogroups.com
> <mailto:LDG-auto-tuners%40yahoogroups.com>
> [mailto:LDG-auto-tuners@yahoogroups.com
> <mailto:LDG-auto-tuners%40yahoogroups.com>] On Behalf Of Bill Aycock
> Sent: Sunday, June 23, 2013 9:41 AM
> To: LDG-auto-tuners@yahoogroups.com
> <mailto:LDG-auto-tuners%40yahoogroups.com>
> Subject: [Bulk] Re: [LDG-auto-tuners] Re: New member
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> Dean--
> I think you are barking at the wrong stump. Dwayne's title is either
> "Owner"
>
> or "Major Share Holder" He is a long time Ham. (Member of QCWA) He,
> personally, participates in this list, and a review of the Archives will

> show outstanding support of LDG products.
> You should pay more attention before shooting your mouth off.
> Bill--W4BSG
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> -----Original Message-----
> From: drogers12744
> Sent: Saturday, June 22, 2013 10:37 PM
> To: LDG-auto-tuners@yahoogroups.com
> <mailto:LDG-auto-tuners%40yahoogroups.com>
> Subject: [LDG-auto-tuners] Re: New member
>
> --- In LDG-auto-tuners@yahoogroups.com
> <mailto:LDG-auto-tuners%40yahoogroups.com>, "Dwayne" <ldgyahoo@...> wrote:
> >
> > Hi Dean,
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> > Dwayne Kincaid
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> department (mfg refurbished)" with your full warranty.
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> sir, I did say and mean my needs. May I ask, is part of your job at LDG
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> May I ask what is you job title? And finally, are you an active Amateur
> radio operator? I'm pretty sure that the answer to my last question is
> no.
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> superiority with Auto-tuners. Really?
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> paint for tuners. If the answer to that is NO, then LDG really needs to
> get in touch with the ham community because truly, LDG doesn't know us.
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> > >
> >
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>
> Yahoo! Groups Links
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>

[Non-text portions of this message have been removed]

6282. Re: [LDG-auto-tuners] Re: New member

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-06-23 14:31:11 UTC
From: Jimmy (WB8NBI)
Topic: 701 Message: 6282

Same here Joe 40+ years no touch-up paint from a dealer.

DE Jimmy (WB8NBI)

From: Joe
Sent: Sunday, June 23, 2013 9:36 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] Re: New member

The only real question that I need answered is does LDG offer a touch-up paint for tuners. If the answer to that is NO, then LDG really needs to get in touch with the ham community because truly, LDG doesn't know us.
Dean KC3Z
==========
Hello Dean,

Please send me a list of the ham companies that supply touch-up paint, I've never heard of this being offered in my 55 years as a ham.

Joe

[Non-text portions of this message have been removed]

6283. Re: [LDG-auto-tuners] Re: New member

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-06-23 15:44:32 UTC
From: VE6LB
Topic: 701 Message: 6283

I believe Heath used to offer touch-up paint.

LDG- great product and great customer service.

73,
Gerry VE6LB/VA6XDX
DXCC, VUCC, WAS Card Checker-Southern Alberta
VE/VA6 QSL Bureau Team
(403) 251-0384
ve6lb@...
http://www.qsl.net/ve6lb/

From: Jimmy (WB8NBI)
Sent: Sunday, June 23, 2013 8:31 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] Re: New member

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DE Jimmy (WB8NBI)

From: Joe
Sent: Sunday, June 23, 2013 9:36 AM
To: mailto:LDG-auto-tuners%40yahoogroups.com
Subject: Re: [LDG-auto-tuners] Re: New member

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I've never heard of this being offered in my 55 years as a ham.

Joe

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

6284. Ft 857. Ldg. Rt11

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-06-23 16:37:46 UTC
From: rosswilcox2002
Topic: 6284 Message: 6284

Hi all

How can I interface. An
Ft. 857. To an rt11. Tuner.

6285. Re: New member

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-06-23 20:17:26 UTC
From: drogers12744
Topic: 701 Message: 6285

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
> Hi Dean,
>
> I'm not going to answer the superfluous questions. One of the rules of this board is that you must remain civil and you are on the borderline of that.
>
> If it were me and had a badly scratched lid, I'd properly sand the lid and use some flat black spray paint from your local hardware store. Since we use close to flat black, it would give you a very close match.
>
> If it were a small scratch, a wide tipped black sharpie can be used. Draw on the scratch and then lightly wipe away the excess with a soft cloth or tissue.
>
> Dwayne Kincaid
> LDG
>
>
>
> I stand corrected with a sincere apology to everyone especially Mr. Kincaid. I was way out of line. Dean KC3Z
> > > >
> > >
> >
>

6286. RE: [LDG-auto-tuners] Re: New member

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-06-23 14:13:19 UTC
From: Mark Lunday
Topic: 701 Message: 6286

Good email, Dwayne! You get my vote for 5 out of 5 in customer service!!

Mark Lunday, WD4ELG

From: LDG-auto-tuners@yahoogroups.com
[mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Dwayne
Sent: Sunday, June 23, 2013 8:35 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: New member

Hi Dean,

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Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com
<mailto:LDG-auto-tuners%40yahoogroups.com> , "drogers12744" <drogers127@...>
wrote:
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> The only real question that I need answered is does LDG offer a touch-up paint for tuners. If the answer to that is NO, then LDG really needs to get in touch with the ham community because truly, LDG doesn't know us. Dean KC3Z
> > >
> >
>

[Non-text portions of this message have been removed]

6287. For what it's worth

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-06-24 11:51:15 UTC
From: Tony Brignole
Topic: 6287 Message: 6287

Used LDG AT-100pro at Field Day this weekend and it worked flawlessly on 150 ft long wire on nearly all bands. Matched so fast we got suspicious and put dual needle Daiwa meters before and after to check and match was fanatastic. Worked significantly better than internal tuner on Kenwood TS-850 handling the long wire.

Great tuner that works. As one guy said "it matches stuff that probably shouldn't be matched".

[Non-text portions of this message have been removed]

6288. Re: New member

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-06-24 12:37:50 UTC
From: traburgess1945
Topic: 701 Message: 6288

I use much of my gear on location so scratches, scuffs, and the occasional ding does not necessarily denote abuse, just that the equipment has "experience."
In my opinion, if a piece of equipment has no signs of wear, it shows that perhaps the owner: 1. never used it 2. it never left the shack (OK) 3. the owner is obsessive about appearance. Obsessive being use in place of another word beginning with "A".
My concern in buying used or refurbished gear is not what it looks like, but does it work properly.
Dwayne helped me with a tuner that did not work properly by e-mail troubleshooting and then by repairing at no charge. I admit that the problem may have caused by something dumb that I did but I like to think it was a weak component that cratered.
LDG is FB!

Travis
K5HTB

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
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6289. Re: [LDG-auto-tuners] Re: New member

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-06-24 13:09:56 UTC
From: Hank Greeb
Topic: 701 Message: 6289

Travis/All:

I bought a Z-100 from afellowwhohad left it in the rear window of his truck one too many times. The case iswarped to such an extent that I need to use electrical tape to hold it together. He gave it to me with an "offer I couldn't refuse" and a guarantee that if it didn't work (electrically) that I needn't give him a check the next time we ate lunchtogether.

Cosmetically it probably would rate between -10 and 0 on a +1 to +10 scale, but it works like a champ!

Best$40 I ever spent on a tuner!

Oh, yes, Dwayne told me they didn't stock the cases any more, but he told me where to go to find a new case, and it's still in production for about $9.00 plus postage, but I've not bothered to do so yet! I do note that the Al-100, about to be released by LDG for Alinco rigs, mayhave the same case, so theycases might be back in stock @ LDG! I'll have to inquire again.Dwayne is a gem of a customer service rep!

72/73 de n8xx Hg
QRP >99.44% of the time

On 6/24/2013 8:37 AM, traburgess1945 wrote:
> I use much of my gear on location so scratches, scuffs, and the occasional ding does not necessarily denote abuse, just that the equipment has "experience."
> In my opinion, if a piece of equipment has no signs of wear, it shows that perhaps the owner:
>
> 1. never used it
> 2. it never left the shack (OK)
> 3. the owner is obsessive about appearance. Obsessive being use in place of another word beginning with "A".
>
> My concern in buying used or refurbished gear is not what it looks like, but does it work properly.
>
> Dwayne helped me with a tuner that did not work properly by e-mail troubleshooting and then by repairing at no charge. I admit that the problem may have caused by something dumb that I did but I like to think it was a weak component that cratered.
>
> LDG is FB!
>
> Travis
> K5HTB

[Non-text portions of this message have been removed]

6290. AL-100 tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-06-24 13:15:54 UTC
From: Hank Greeb
Topic: 701 Message: 6290

Hi Dwayne:

I see an ad for the upcoming AL-100 tuner on the opening page of the LDG web site. Is this tuner in the same case as my old Z-100 which I got from a friend? It came with a case which is beyond restitution, but the price was right, and it works FB electronically!

If so, what's the price for a new AL-100 case?

I've been procrastinating for a couple years on purchasing a case from the vendor who you so kindly told me about.

I'd buy a case in a heartbeat from LDG. :)

72/73 de n8xx Hg
QRP >99.44% of the time

[Non-text portions of this message have been removed]

6291. Re: New member

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-06-24 17:05:45 UTC
From: Dwayne
Topic: 701 Message: 6291

Hi Folks,

Let's close this thread and get back to our regularly scheduled programming.

Thanks,

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "Mark Lunday" <mlunday@...> wrote:
>
> Good email, Dwayne! You get my vote for 5 out of 5 in customer service!!
>
>
>
> Mark Lunday, WD4ELG
>
>
>
> From: LDG-auto-tuners@yahoogroups.com
> [mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Dwayne
> Sent: Sunday, June 23, 2013 8:35 AM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: [LDG-auto-tuners] Re: New member
>
>
>
>
>
> Hi Dean,
>
> I'm not going to answer the superfluous questions. One of the rules of this
> board is that you must remain civil and you are on the borderline of that.
>
> If it were me and had a badly scratched lid, I'd properly sand the lid and
> use some flat black spray paint from your local hardware store. Since we use
> close to flat black, it would give you a very close match.
>
> If it were a small scratch, a wide tipped black sharpie can be used. Draw on
> the scratch and then lightly wipe away the excess with a soft cloth or
> tissue.
>
> Dwayne Kincaid
> LDG
>
> --- In LDG-auto-tuners@yahoogroups.com

> <mailto:LDG-auto-tuners%40yahoogroups.com> , "drogers12744" <drogers127@>
> wrote:
> >
> >
> >
> > --- In LDG-auto-tuners@yahoogroups.com
> <mailto:LDG-auto-tuners%40yahoogroups.com> , "Dwayne" <ldgyahoo@> wrote:
> > >
> > > Hi Dean,
> > >
> > > Sorry to disappoint, we don't do everything! We outsource the enclosures
> and the PC boards and have been for over a decade. A long, long time ago,
> Ten-Tec made our enclosures, but their quality went down and the price went
> up (which happened a lot in the 1990s).
> > >
> > > Over the years, we've had many, many companies make the enclosures and
> PC boards.
> > >
> > > It's possible that our units are better than others, but we have not
> seen any quantitative information to back that up. We have a continuing
> passion to improve quality and value all the time and we hope that it shows
> in our products.
> > >
> > > Occasionally, we will have a scratched or dented lid or chassis that
> does not pass our QC and those units will be sold at a discounted price
> through www.cheapham.com. All units that pass all QC checks become
> production units that go to all distributors.
> > >
> > > I hope this help understand the process,
> > >
> > > Dwayne Kincaid
> > > LDG
> > >
> > >
> > >
> > > -Mr. Kincaid,
> >
> > Thank you once again for your response. I really like Cheapham and would
> have no problem buying an LDG product in the "scratched and dented
> department (mfg refurbished)" with your full warranty.
> >
> > I confess sir, that I'm still trying to get my arms around you as a person
> on this forum and where you might fit into my needs as an LDG customer. Yes
> sir, I did say and mean my needs. May I ask, is part of your job at LDG
> Electronics responding to queries from this forum?
> > May I ask what is you job title? And finally, are you an active Amateur
> radio operator? I'm pretty sure that the answer to my last question is no. I
> say that because you are seeking a "qualitative proof" of LDG's superiority
> with Auto-tuners. Really?
> >

> > The only real question that I need answered is does LDG offer a touch-up
> paint for tuners. If the answer to that is NO, then LDG really needs to get
> in touch with the ham community because truly, LDG doesn't know us. Dean
> KC3Z
> > > >
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> [Non-text portions of this message have been removed]
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6292. Re: AL-100 tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-06-24 17:08:37 UTC
From: Dwayne
Topic: 701 Message: 6292

Sorry to disappoint you Hank. The new AL-100 has a custom case.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, Hank Greeb <n8xx@...> wrote:
>
>
>
> Hi Dwayne:
>
> I see an ad for the upcoming AL-100 tuner on the opening page of the LDG web site. Is this tuner in the same case as my old Z-100 which I got from a friend? It came with a case which is beyond restitution, but the price was right, and it works FB electronically!
>
> If so, what's the price for a new AL-100 case?
>
> I've been procrastinating for a couple years on purchasing a case from the vendor who you so kindly told me about.
>
> I'd buy a case in a heartbeat from LDG. :)
>
> 72/73 de n8xx Hg
> QRP >99.44% of the time
>
>
>
>
> [Non-text portions of this message have been removed]
>

6293. RE: [LDG-auto-tuners] Re: New member

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-06-24 18:28:31 UTC
From: Bill Husted
Topic: 701 Message: 6293

Don't blame you Dwayne, with all this praise you ought to be blushing - but also proud. My lat word, grin.

Bill KQ4YA

-----Original Message-----
From: LDG-auto-tuners@yahoogroups.com
[mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Dwayne
Sent: Monday, June 24, 2013 1:06 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: New member

Hi Folks,

Let's close this thread and get back to our regularly scheduled programming.

Thanks,

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "Mark Lunday" <mlunday@...> wrote:
>
> Good email, Dwayne! You get my vote for 5 out of 5 in customer service!!
>
>
>
> Mark Lunday, WD4ELG
>
>
>
> From: LDG-auto-tuners@yahoogroups.com
> [mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Dwayne
> Sent: Sunday, June 23, 2013 8:35 AM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: [LDG-auto-tuners] Re: New member
>
>
>
>
>
> Hi Dean,
>
> I'm not going to answer the superfluous questions. One of the rules of
> this board is that you must remain civil and you are on the borderline of
that.
>

> If it were me and had a badly scratched lid, I'd properly sand the lid
> and use some flat black spray paint from your local hardware store.
> Since we use close to flat black, it would give you a very close match.
>
> If it were a small scratch, a wide tipped black sharpie can be used.
> Draw on the scratch and then lightly wipe away the excess with a soft
> cloth or tissue.
>
> Dwayne Kincaid
> LDG
>
> --- In LDG-auto-tuners@yahoogroups.com
> <mailto:LDG-auto-tuners%40yahoogroups.com> , "drogers12744"
> <drogers127@>
> wrote:
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> >
> >
> > --- In LDG-auto-tuners@yahoogroups.com
> <mailto:LDG-auto-tuners%40yahoogroups.com> , "Dwayne" <ldgyahoo@> wrote:
> > >
> > > Hi Dean,
> > >
> > > Sorry to disappoint, we don't do everything! We outsource the
> > > enclosures
> and the PC boards and have been for over a decade. A long, long time
> ago, Ten-Tec made our enclosures, but their quality went down and the
> price went up (which happened a lot in the 1990s).
> > >
> > > Over the years, we've had many, many companies make the enclosures
> > > and
> PC boards.
> > >
> > > It's possible that our units are better than others, but we have
> > > not
> seen any quantitative information to back that up. We have a
> continuing passion to improve quality and value all the time and we
> hope that it shows in our products.
> > >
> > > Occasionally, we will have a scratched or dented lid or chassis
> > > that
> does not pass our QC and those units will be sold at a discounted
> price through www.cheapham.com. All units that pass all QC checks
> become production units that go to all distributors.
> > >
> > > I hope this help understand the process,
> > >
> > > Dwayne Kincaid
> > > LDG
> > >

> > >
> > >
> > > -Mr. Kincaid,
> >
> > Thank you once again for your response. I really like Cheapham and
> > would
> have no problem buying an LDG product in the "scratched and dented
> department (mfg refurbished)" with your full warranty.
> >
> > I confess sir, that I'm still trying to get my arms around you as a
> > person
> on this forum and where you might fit into my needs as an LDG
> customer. Yes sir, I did say and mean my needs. May I ask, is part of
> your job at LDG Electronics responding to queries from this forum?
> > May I ask what is you job title? And finally, are you an active
> > Amateur
> radio operator? I'm pretty sure that the answer to my last question is
> no. I say that because you are seeking a "qualitative proof" of LDG's
> superiority with Auto-tuners. Really?
> >
> > The only real question that I need answered is does LDG offer a
> > touch-up
> paint for tuners. If the answer to that is NO, then LDG really needs
> to get in touch with the ham community because truly, LDG doesn't know
> us. Dean KC3Z
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>
> [Non-text portions of this message have been removed]
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Yahoo! Groups Links

6294. Re: [LDG-auto-tuners] Ft 857. Ldg. Rt11

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-06-24 19:53:03 UTC
From: Jim Lynch
Topic: 6284 Message: 6294

On 06/23/2013 12:37 PM, rosswilcox2002 wrote:
> How can I interface. An
> Ft. 857. To an rt11. Tuner.
Check the manual.
http://www.ldgelectronics.com/assets/discontinued_manuals/rt11.pdf

Especially see page 3 where it discusses the use of pins 3 and 4, and
"Even if you provide no control circuit for your RT-11, you can still
use it by putting the tuner into
fully automatic mode. This is done by grounding the Auto/Semi pin during
power up. The tuner is
then in Auto mode, without needing a control circuit. LDG does not
recommend this method, as it
affords the operator little control over the tuner, but it can be useful
in some circumstances."

[Non-text portions of this message have been removed]

6295. Re: [LDG-auto-tuners] For what it's worth

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-06-25 06:20:42 UTC
From: Don Sanders
Topic: 6287 Message: 6295

Tony, was the long wire fed with a balun or directly into the AT 100 pro?
I use one here with coax fed multiband fan dipole and it is great.

Don HC4/W4BWS

On Mon, Jun 24, 2013 at 6:51 AM, Tony Brignole <abrigno@...> wrote:

> **
>
>
> Used LDG AT-100pro at Field Day this weekend and it worked flawlessly on
> 150 ft long wire on nearly all bands. Matched so fast we got suspicious and
> put dual needle Daiwa meters before and after to check and match was
> fanatastic. Worked significantly better than internal tuner on Kenwood
> TS-850 handling the long wire.
>
> Great tuner that works. As one guy said "it matches stuff that probably
> shouldn't be matched".
>
> [Non-text portions of this message have been removed]
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[Non-text portions of this message have been removed]

6296. Re: [LDG-auto-tuners] For what it's worth

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-06-25 12:04:55 UTC
From: Tony Brignole
Topic: 6287 Message: 6296

Don, we started out with a 4:1 LDG balun and had a good match. the 4:1 was used because it was there - no compelling reason.

We ran about 100 ft of RG-213 to the balun at the end of the long wire. We used a Radio Shack short 4 ft ground rod about 3 ft away from the balun. The balun was about chest high above the ground connected to the long wire that and then went up vertically into a tree to a height about 30 ft., then out to another tree. Total length was about 150 ft.

The guys then experimented with an MFJ current balun at both 1:1 and 4:1 and found the 1:1 worked best.

We had very good match with about 70 watts out of radio. Power was low because batteries we used were around 12.2 v on the TS-850.

I have 2 LDG tuners. The AT-100 pro and a Z-100 on my Icom 706 MK II G.

They work. They work very well!!! If I buy another auto tuner it will be an LDG.

----- Original Message -----
From: "Don Sanders" <w4bws1@...>
To: <LDG-auto-tuners@yahoogroups.com>
Sent: Tuesday, June 25, 2013 1:20 AM
Subject: Re: [LDG-auto-tuners] For what it's worth

> Tony, was the long wire fed with a balun or directly into the AT 100 pro?
> I use one here with coax fed multiband fan dipole and it is great.
>
> Don HC4/W4BWS
>
>
> On Mon, Jun 24, 2013 at 6:51 AM, Tony Brignole <abrigno@...>
> wrote:
>
>> **
>>
>>
>> Used LDG AT-100pro at Field Day this weekend and it worked flawlessly on
>> 150 ft long wire on nearly all bands. Matched so fast we got suspicious
>> and
>> put dual needle Daiwa meters before and after to check and match was
>> fanatastic. Worked significantly better than internal tuner on Kenwood
>> TS-850 handling the long wire.
>>
>> Great tuner that works. As one guy said "it matches stuff that probably
>> shouldn't be matched".

>>
>> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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6297. Re: [LDG-auto-tuners] For what it's worth

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-06-25 12:27:22 UTC
From: w_r_adams1@...
Topic: 6287 Message: 6297

I'm very interested in this application of the AT100. I assume you were in semi-automatic mode. Was the ATU local to the transceiver or remote at the antenna?

What was the field day configuration
1. transceiver > 100 ft. Coax > AT 100 > ground & balun > 150 ft. Wire or
2. transceiver > AT 100 > ground & 100 ft. Coax > balun > 150 ft. Wire or
3. Something else?

Were other antennas or transmitters nearby? Did they initiate undesired tuning cycles?

Bill AF4B

Sent from Yahoo! Mail for iPad [Non-text portions of this message have been removed]

6298. What's a "good" SWR"

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-06-25 11:09:29 UTC
From: w3qt_mike
Topic: 6298 Message: 6298

I'm new to auto tuners after 48 years with manuals, so my question comes from that background as I'm learning. What is considered a "good" SWR after tuning? I'm not obsessive about flat SWRs, but just want to make sure I'm using my AT-1000PROII correctly. Sometimes I do see some transceiver fold-back (My PROIII starts to squeal when I go over about 1.5:1). I'm seeing a range of 1.3:1 to 1.8:1 after tuning, whether I'm tuning a zepp or an LPDA. Some bands are flat others no so much. Fifteen meters on the LPDA seems to give the tuner a hard time.

I'd be interested in what others are seeing after tuning. What's a "good" SWR according to the tuner? Are my ranges about where you are? As I said, my experience has been with manual tuners where you take it down to 1:1. 1.3:1 is certainly a good to go SWR while 1.8:1 starts to trouble the rig. I'd like to check that I'm using the tuner correctly and adjust my expectations. Any input would be welcome.

73,
Mike, W3QT

6299. RE: [LDG-auto-tuners] What's a "good" SWR"

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-06-25 12:54:50 UTC
From: Stephen Finch
Topic: 6298 Message: 6299

I☐m surprised that 1.8:1 SWR causes any problems with your rig at 1.8, the reflected power is about 7.5%. That means that for 100 watts out, 7.5 watts are reflected. That is about 0.37 db.

I generally accept anything 2:1 or less as okay. At 2.0:1, the reflected power is about 11% or 0.5 db. I have my auto-tuner set for a match of 1.5 to 2.0 depending on the antenna. For my G5RV, I can get a 1.5:1 match quite easily. On my off center dipole, the 15 meter band can become a problem so I increase the tolerable match to 2.0.

So, I guess, operate your antenna tuner to give a match that your rig accepts without any ☐complaints.☐

Steve Finch
AIØW

Technical Coordinator - North Florida Section

Homosassa Springs, FL

ai0w@arrl.net

From: LDG-auto-tuners@yahoogroups.com
[mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of w3qt_mike
Sent: Tuesday, June 25, 2013 7:09 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] What's a "good" SWR"

I'm new to auto tuners after 48 years with manuals, so my question comes from that background as I'm learning. What is considered a "good" SWR after tuning? I'm not obsessive about flat SWRs, but just want to make sure I'm using my AT-1000PROII correctly. Sometimes I do see some transceiver fold-back (My PROIII starts to squeal when I go over about 1.5:1). I'm seeing a range of 1.3:1 to 1.8:1 after tuning, whether I'm tuning a zepp or an LPDA. Some bands are flat others no so much. Fifteen meters on the LPDA seems to give the tuner a hard time.

I'd be interested in what others are seeing after tuning. What's a "good" SWR according to the tuner? Are my ranges about where you are? As I said, my experience has been with manual tuners where you take it down to 1:1. 1.3:1 is certainly a good to go SWR while 1.8:1 starts to trouble the rig. I'd like to check that I'm using the tuner correctly and adjust my expectations. Any input would be welcome.

73,
Mike, W3QT

[Non-text portions of this message have been removed]

6300. Re: [LDG-auto-tuners] What's a "good" SWR"

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-06-25 13:00:58 UTC
From: Leonard Pennock (AD7AS)
Topic: 6298 Message: 6300

I have the threshold set to 1.5:1 on all my LDG tuners. I`ve found that most radios that had a internal tuner start folding back around 1.5 when you disable the internal tuner.
--
Leonard K. Pennock (AD7AS)

w3qt_mike <w3qt@...> wrote:

>I'm new to auto tuners after 48 years with manuals, so my question
>comes from that background as I'm learning. What is considered a
>"good" SWR after tuning? I'm not obsessive about flat SWRs, but just
>want to make sure I'm using my AT-1000PROII correctly. Sometimes I do
>see some transceiver fold-back (My PROIII starts to squeal when I go
>over about 1.5:1). I'm seeing a range of 1.3:1 to 1.8:1 after tuning,
>whether I'm tuning a zepp or an LPDA. Some bands are flat others no so
>much. Fifteen meters on the LPDA seems to give the tuner a hard time.
>
>
>I'd be interested in what others are seeing after tuning. What's a
>"good" SWR according to the tuner? Are my ranges about where you are?
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>down to 1:1. 1.3:1 is certainly a good to go SWR while 1.8:1 starts to
>trouble the rig. I'd like to check that I'm using the tuner correctly
>and adjust my expectations. Any input would be welcome.
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>73,
>Mike, W3QT
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>Yahoo! Groups Links
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[Non-text portions of this message have been removed]

6301. Re: [LDG-auto-tuners] For what it's worth

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-06-25 13:23:54 UTC
From: Tony Brignole
Topic: 6287 Message: 6301

Tuner was at transceiver connected with about a 3 ft jumper then to coax, balun, ground, antenna etc. We tried putting tuner at antenna end and it was little better but it looked like rain and tuner was not weather proof and it was my tuner so we went back inside. Tuner at antenna end would be best but that is problematic with a normal indoor tuner. ----- Original Message ----- From: w_r_adams1@... To: LDG-auto-tuners@yahoogroups.com Sent: Tuesday, June 25, 2013 7:27 AM Subject: Re: [LDG-auto-tuners] For what it's worth I'm very interested in this application of the AT100. I assume you were in semi-automatic mode. Was the ATU local to the transceiver or remote at the antenna?

What was the field day configuration
1. transceiver > 100 ft. Coax > AT 100 > ground & balun > 150 ft. Wire or
2. transceiver > AT 100 > ground & 100 ft. Coax > balun > 150 ft. Wire or
3. Something else?

Were other antennas or transmitters nearby? Did they initiate undesired tuning cycles?

Bill AF4B

Sent from Yahoo! Mail for iPad [Non-text portions of this message have been removed] [Non-text portions of this message have been removed]

6302. Re: [LDG-auto-tuners] What's a "good" SWR"

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-06-25 13:37:52 UTC
From: Mike Morrow, W3QT
Topic: 6298 Message: 6302

Steve,

Thanks for the reply. Sounds like I'm getting similar results. I was a bit surprised when I started paying closer attention with this new tuner that fold-back began around 1.5:1 as I always assumed 2:1 as a rule of thumb. Others are seeing the same thing, so it's probably not a glitch in this rig. OK on your floor of 1.5:1. The AT-1000ProII has a floor threshold of 1.7:1. Looks like they raised it a bit, perhaps a tip of the hat to auto-tuner limitations? Thanks again for the reply.

Mike W3QT

On 2013-06-25 12:54, Stephen Finch wrote:
>
> I'm surprised that 1.8:1 SWR causes any problems with your rig at 1.8, the
> reflected power is about 7.5%. That means that for 100 watts out, 7.5
> watts
> are reflected. That is about 0.37 db.
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> I generally accept anything 2:1 or less as okay. At 2.0:1, the reflected
> power is about 11% or 0.5 db. I have my auto-tuner set for a match of 1.5
> to 2.0 depending on the antenna. For my G5RV, I can get a 1.5:1 match
> quite
> easily. On my off center dipole, the 15 meter band can become a problem so
> I increase the tolerable match to 2.0.
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> So, I guess, operate your antenna tuner to give a match that your rig
> accepts without any "complaints."
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> Steve Finch
> AIØW
>
> Technical Coordinator - North Florida Section
>
> Homosassa Springs, FL
>
> ai0w@... <mailto:ai0w%40arrl.net>
>
> From: LDG-auto-tuners@yahoogroups.com
> <mailto:LDG-auto-tuners%40yahoogroups.com>
> [mailto:LDG-auto-tuners@yahoogroups.com
> <mailto:LDG-auto-tuners%40yahoogroups.com>] On Behalf Of w3qt_mike
> Sent: Tuesday, June 25, 2013 7:09 AM
> To: LDG-auto-tuners@yahoogroups.com
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> Subject: [LDG-auto-tuners] What's a "good" SWR"

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> I'm new to auto tuners after 48 years with manuals, so my question comes
> from that background as I'm learning. What is considered a "good" SWR
> after
> tuning? I'm not obsessive about flat SWRs, but just want to make sure I'm
> using my AT-1000PROII correctly. Sometimes I do see some transceiver
> fold-back (My PROIII starts to squeal when I go over about 1.5:1). I'm
> seeing a range of 1.3:1 to 1.8:1 after tuning, whether I'm tuning a
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> said, my
> experience has been with manual tuners where you take it down to 1:1.
> 1.3:1
> is certainly a good to go SWR while 1.8:1 starts to trouble the rig. I'd
> like to check that I'm using the tuner correctly and adjust my
> expectations.
> Any input would be welcome.
>
> 73,
> Mike, W3QT
>
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6303. Re: [LDG-auto-tuners] What's a "good" SWR"

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-06-25 13:41:27 UTC
From: Mike Morrow, W3QT
Topic: 6298 Message: 6303

Leonard,

I appreciate your reply. Unfortunately the floor threshold on the AT-1000ProII is 1.7:1, so it's pretty easy to begin folding back even with the tuner satisfied. They must have raised it a bit from other tuners. Not quite certain why except for maybe a little extra margin for higher power? Thanks for your info.

Mike, W3QT

On 2013-06-25 13:00, Leonard Pennock (AD7AS) wrote:
>
> I have the threshold set to 1.5:1 on all my LDG tuners. I`ve found
> that most radios that had a internal tuner start folding back around
> 1.5 when you disable the internal tuner.
> --
> Leonard K. Pennock (AD7AS)
>
> w3qt_mike <w3qt@... <mailto:w3qt%40comcast.net>> wrote:
>
> >I'm new to auto tuners after 48 years with manuals, so my question
> >comes from that background as I'm learning. What is considered a
> >"good" SWR after tuning? I'm not obsessive about flat SWRs, but just
> >want to make sure I'm using my AT-1000PROII correctly. Sometimes I do
> >see some transceiver fold-back (My PROIII starts to squeal when I go
> >over about 1.5:1). I'm seeing a range of 1.3:1 to 1.8:1 after tuning,
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> >"good" SWR according to the tuner? Are my ranges about where you are?
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> >Mike, W3QT
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6304. Re: [LDG-auto-tuners] For what it's worth

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-06-25 14:37:50 UTC
From: Bill Adams
Topic: 6287 Message: 6304

Thanks Tony,

Yours was a good practical deployment. The only wx threat we had here in Texas was heat and wind so I remote deployed my AT100 at the antenna end of a 130 ft. length of 1/2 inch 50 ohm coax. The tuner, battery and balun were on a folding table at the base of the center mast supporting an 88 foot doublet connected to the tuner through a 4:1 balun and a 30+ length of homebrew open wire feed line. We ran the AT100 in semi auto mode (we think, sun too bright for seeing the leds!) but had some mechanical difficulty as wind kept blowing the open wire feeder, balun and tuner off the table! After the third time, we gave up and took my AT100 out of the circuit and started using an internal tuner in our K3 transceiver. Perhaps we also experienced some difficulty dealing with the 2 other active transmitters in the field on different bands when in semi auto mode, but never actually confirmed that suspicion. Food for thought for next year!

Bill AF4B

From: Tony Brignole <abrigno@...>
To: LDG-auto-tuners@yahoogroups.com
Sent: Tuesday, June 25, 2013 8:23 AM
Subject: Re: [LDG-auto-tuners] For what it's worth

Tuner was at transceiver connected with about a 3 ft jumper then to coax, balun, ground, antenna etc.

We tried putting tuner at antenna end and it was little better but it looked like rain and tuner was not weather proof and it was my tuner so we went back inside.

Tuner at antenna end would be best but that is problematic with a normal indoor tuner.

-

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6305. Re: [LDG-auto-tuners] What's a "good" SWR"

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-06-25 14:39:35 UTC
From: Leonard Pennock (AD7AS)
Topic: 6298 Message: 6305

The older tuners had the default set to 2:1 but it is simple to set it as low as 1.1:1. Not sure on 1000Pro2 but the other tuners I have use Func-L Dn to set.
--
Leonard K. Pennock (AD7AS)

"Mike Morrow, W3QT" <w3qt@...> wrote:

>Leonard,
>
>I appreciate your reply. Unfortunately the floor threshold on the
>AT-1000ProII is 1.7:1, so it's pretty easy to begin folding back even
>with the tuner satisfied. They must have raised it a bit from other
>tuners. Not quite certain why except for maybe a little extra margin
>for higher power? Thanks for your info.
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>Mike, W3QT
>
>
>On 2013-06-25 13:00, Leonard Pennock (AD7AS) wrote:
>>
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>> that most radios that had a internal tuner start folding back around
>> 1.5 when you disable the internal tuner.
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>> Leonard K. Pennock (AD7AS)
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>> w3qt_mike <w3qt@... <mailto:w3qt%40comcast.net>> wrote:
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>> >I'm new to auto tuners after 48 years with manuals, so my question
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>> >"good" SWR after tuning? I'm not obsessive about flat SWRs, but just
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>> >Mike, W3QT
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6306. Re: [LDG-auto-tuners] For what it's worth

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-06-25 15:11:58 UTC
From: Furliips Stardust
Topic: 6287 Message: 6306

Yes. Any reflected power the tuner sees will be assumed to be caused by SWR. Regardless if the power _is_ reflected or if it's coming from another source. I.e. a second transmitter.

When I switch from the doublet antenna with the LDG Z-100 Pro II to the "reference 40 meter dipole" the tuner goes nuts trying to tune the doublet based on the reflected power it sees. (The dipole is connected directly to the transmitter, and the LDG is still connected to the doublet antenna.)

Jeff-1.0
wa6fwi

_____
From: Bill Adams <w_r_adams1@...>

Perhaps we also experienced some difficulty dealing with the 2 other active transmitters in the field on different bands when in semi auto mode

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6307. Re: [LDG-auto-tuners] What's a "good" SWR"

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-06-25 16:50:10 UTC
From: Mike Morrow, W3QT
Topic: 6298 Message: 6307

Same here (Func-L.Dn), Leonard, but floor is 1.7:1. The range is 1.7:1 to 3.0:1

Mike

On 2013-06-25 14:39, Leonard Pennock (AD7AS) wrote:
>
> The older tuners had the default set to 2:1 but it is simple to set it
> as low as 1.1:1. Not sure on 1000Pro2 but the other tuners I have use
> Func-L Dn to set.
> --
> Leonard K. Pennock (AD7AS)
>
> "Mike Morrow, W3QT" <w3qt@... <mailto:w3qt%40comcast.net>> wrote:
>
> >Leonard,
> >
> >I appreciate your reply. Unfortunately the floor threshold on the
> >AT-1000ProII is 1.7:1, so it's pretty easy to begin folding back even
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> >tuners. Not quite certain why except for maybe a little extra margin
> >for higher power? Thanks for your info.
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> >Mike, W3QT
> >
> >
> >On 2013-06-25 13:00, Leonard Pennock (AD7AS) wrote:
> >>
> >> I have the threshold set to 1.5:1 on all my LDG tuners. I`ve found
> >> that most radios that had a internal tuner start folding back around
> >> 1.5 when you disable the internal tuner.
> >> --
> >> Leonard K. Pennock (AD7AS)
> >>
> >> w3qt_mike <w3qt@... <mailto:w3qt%40comcast.net>
> <mailto:w3qt%40comcast.net>> wrote:
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> >> >I'm new to auto tuners after 48 years with manuals, so my question
> >> >comes from that background as I'm learning. What is considered a
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6308. Re: [LDG-auto-tuners] What's a "good" SWR"

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-06-25 18:20:18 UTC
From: Leonard Pennock (AD7AS)
Topic: 6298 Message: 6308

bummer
--
Leonard K. Pennock (AD7AS)

"Mike Morrow, W3QT" <w3qt@...> wrote:

>Same here (Func-L.Dn), Leonard, but floor is 1.7:1. The range is 1.7:1
>
>to 3.0:1
>
>Mike
>
>On 2013-06-25 14:39, Leonard Pennock (AD7AS) wrote:
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>> Leonard K. Pennock (AD7AS)
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>> "Mike Morrow, W3QT" <w3qt@... <mailto:w3qt%40comcast.net>>
>wrote:
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>> >Mike, W3QT
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>> >
>> >On 2013-06-25 13:00, Leonard Pennock (AD7AS) wrote:
>> >>
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>> >> that most radios that had a internal tuner start folding back
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>> >> 1.5 when you disable the internal tuner.
>> >> --
>> >> Leonard K. Pennock (AD7AS)

>> >>
>> >> w3qt_mike <w3qt@... <mailto:w3qt%40comcast.net>
>> <mailto:w3qt%40comcast.net>> wrote:
>> >>
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6309. Re: For what it's worth

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-06-25 18:48:50 UTC
From: n7mch
Topic: 6287 Message: 6309

Tony,

I would really like to know as I have been trying to get my AT-100Pro II working with a 100' end-fed long wire with little or no success. I have used a 4:1 Balun and a 1:1 Balun with no noticeable difference.

What was your ground configuration?

Right now, my LDG is basically a boat anchor.

Oh, by the way, it also does not work with a G5RV that my Kenwood TS-440 auto-tuner can handle.

Thanks

73 de N7MCH Walt

--- In LDG-auto-tuners@yahoogroups.com, Don Sanders <w4bws1@...> wrote:
>
> Tony, was the long wire fed with a balun or directly into the AT 100 pro?
> I use one here with coax fed multiband fan dipole and it is great.
>
> Don HC4/W4BWS
>
>
> On Mon, Jun 24, 2013 at 6:51 AM, Tony Brignole <abrigno@...> wrote:
>

6310. Re: What's a "good" SWR"

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-06-25 20:02:05 UTC
From: Dwayne
Topic: 6298 Message: 6310

Leonard,

I think you are confusing the starting threshold setting in Auto mode to the final match that the tuner finds.

Since our specification is that the tuner will find a 1.5 SWR or less if the starting SWR is 10:1 or less, it makes no sense that the starting threshold be 1.5 or lower.

The issue would be that if the tuner found a correct match at 1.5 and you have the threshold set to 1.5 or lower, the tuner would continue to tune every time you presented RF to the tuner.

We accidentally released a couple of versions of firmware for a couple of models that allowed the threshold to be set to 1.1, but they were later corrected. We did not issue a recall or initiate an upgrade program as the user could still adjust the starting threshold to 1.7 or higher.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "Leonard Pennock (AD7AS)" <leonardpennock@...> wrote:
>
> The older tuners had the default set to 2:1 but it is simple to set it as low as 1.1:1. Not sure on 1000Pro2 but the other tuners I have use Func-L Dn to set.
> --
> Leonard K. Pennock (AD7AS)
>
> "Mike Morrow, W3QT" <w3qt@...> wrote:
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> >Leonard,
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> >I appreciate your reply. Unfortunately the floor threshold on the
> >AT-1000ProII is 1.7:1, so it's pretty easy to begin folding back even
> >with the tuner satisfied. They must have raised it a bit from other
> >tuners. Not quite certain why except for maybe a little extra margin
> >for higher power? Thanks for your info.
> >
> >Mike, W3QT
> >
> >
> >On 2013-06-25 13:00, Leonard Pennock (AD7AS) wrote:
> >>
> >> I have the threshold set to 1.5:1 on all my LDG tuners. I`ve found
> >> that most radios that had a internal tuner start folding back around
> >> 1.5 when you disable the internal tuner.

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> >> Leonard K. Pennock (AD7AS)
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> >> w3qt_mike <w3qt@... <mailto:w3qt%40comcast.net>> wrote:
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> >> >I'm new to auto tuners after 48 years with manuals, so my question
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6311. Re: What's a "good" SWR"

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-06-25 20:11:24 UTC
From: Dwayne
Topic: 6298 Message: 6311

Mike,

The tuner has absolutely nothing to do with the fold-back level of the radio. If your radio starts to fold back the RF power when the SWR is 1.5, then it's most likely the radio is not calibrated properly.

Any modern solid state radio should tolerate an SWR up to 1.7 to 1.8 before it starts to fold the RF power back.

For those of you that will be checking this tonight, be sure to go by the SWR on the radio to check the SWR where the fold-back starts. It makes no difference what the tuner thinks the SWR is. The goal is to make the radio happy so it can put out the maximum amount of RF power to the antenna system.

Also see my other post on why the lower limit of the Auto mode threshold is set to 1.7.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "Mike Morrow, W3QT" <w3qt@...> wrote:
>
> Steve,
>
> Thanks for the reply. Sounds like I'm getting similar results. I was a
> bit surprised when I started paying closer attention with this new tuner
> that fold-back began around 1.5:1 as I always assumed 2:1 as a rule of
> thumb. Others are seeing the same thing, so it's probably not a glitch
> in this rig. OK on your floor of 1.5:1. The AT-1000ProII has a floor
> threshold of 1.7:1. Looks like they raised it a bit, perhaps a tip of
> the hat to auto-tuner limitations? Thanks again for the reply.
>
> Mike W3QT
>
>
> On 2013-06-25 12:54, Stephen Finch wrote:
> >
> > I'm surprised that 1.8:1 SWR causes any problems with your rig at 1.8, the
> > reflected power is about 7.5%. That means that for 100 watts out, 7.5
> > watts
> > are reflected. That is about 0.37 db.
> >
> > I generally accept anything 2:1 or less as okay. At 2.0:1, the reflected
> > power is about 11% or 0.5 db. I have my auto-tuner set for a match of 1.5
> > to 2.0 depending on the antenna. For my G5RV, I can get a 1.5:1 match
> > quite
> > easily. On my off center dipole, the 15 meter band can become a problem so

> > I increase the tolerable match to 2.0.
> >
> > So, I guess, operate your antenna tuner to give a match that your rig
> > accepts without any "complaints."
> >
> > Steve Finch
> > AIØW
> >
> > Technical Coordinator - North Florida Section
> >
> > Homosassa Springs, FL
> >
> > ai0w@... <mailto:ai0w%40arrl.net>
> >
> > From: LDG-auto-tuners@yahoogroups.com
> > <mailto:LDG-auto-tuners%40yahoogroups.com>
> > [mailto:LDG-auto-tuners@yahoogroups.com
> > <mailto:LDG-auto-tuners%40yahoogroups.com>] On Behalf Of w3qt_mike
> > Sent: Tuesday, June 25, 2013 7:09 AM
> > To: LDG-auto-tuners@yahoogroups.com
> > <mailto:LDG-auto-tuners%40yahoogroups.com>
> > Subject: [LDG-auto-tuners] What's a "good" SWR"
> >
> > I'm new to auto tuners after 48 years with manuals, so my question comes
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> > Any input would be welcome.
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6312. Re: [LDG-auto-tuners] Re: What's a "good" SWR"

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-06-25 20:20:41 UTC
From: Hank Greeb
Topic: 6298 Message: 6312

My 1982ish Drake TR-5 will handle full power up to SWR=2.0 (at least).
Folks who design rigs without a suitable safety factor, like SWR=3.0
maximum, should be sent back to training school.

Of course, I come from a time when pi-network output was still a novelty
on many/most rigs, and variable link coupling was common. Very few hams
paid attention to SWR. My father, as a demo, built a swr "meter" which
consisted of 300 ohm twin lead, and two dial light bulbs, one to
"measure" forward power and the other to "measure" reflected power.
But, most of the time this wasn't used. Instead he would tune the rig
for a dip of the finals, then touch the antenna with a fluorescent light
bulb, and tune for maximum brilliance consistent with a discrete dip in
the plate current of the finals.

72/73 de n8xx Hg
QRP >99.44% of the time

On 6/25/2013 4:11 PM, Dwayne wrote:
> Mike,
>
> The tuner has absolutely nothing to do with the fold-back level of the radio. If your radio starts to fold back the RF power when the SWR is 1.5, then it's most likely the radio is not calibrated properly.
>
> Any modern solid state radio should tolerate an SWR up to 1.7 to 1.8 before it starts to fold the RF power back.
>
> For those of you that will be checking this tonight, be sure to go by the SWR on the radio to check the SWR where the fold-back starts. It makes no difference what the tuner thinks the SWR is. The goal is to make the radio happy so it can put out the maximum amount of RF power to the antenna system.
>
> Also see my other post on why the lower limit of the Auto mode threshold is set to 1.7.
>
> Dwayne Kincaid
> LDG
>
>
>
> --- In LDG-auto-tuners@yahoogroups.com, "Mike Morrow, W3QT" <w3qt@...> wrote:
>> Steve,
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>> Thanks for the reply. Sounds like I'm getting similar results. I was a
>> bit surprised when I started paying closer attention with this new tuner
>> that fold-back began around 1.5:1 as I always assumed 2:1 as a rule of
>> thumb. Others are seeing the same thing, so it's probably not a glitch

>> in this rig. OK on your floor of 1.5:1. The AT-1000ProII has a floor
>> threshold of 1.7:1. Looks like they raised it a bit, perhaps a tip of
>> the hat to auto-tuner limitations? Thanks again for the reply.
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>> Mike W3QT
>>
>>
>> On 2013-06-25 12:54, Stephen Finch wrote:
>>> I'm surprised that 1.8:1 SWR causes any problems with your rig at 1.8, the
>>> reflected power is about 7.5%. That means that for 100 watts out, 7.5
>>> watts
>>> are reflected. That is about 0.37 db.
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>>> I generally accept anything 2:1 or less as okay. At 2.0:1, the reflected
>>> power is about 11% or 0.5 db. I have my auto-tuner set for a match of 1.5
>>> to 2.0 depending on the antenna. For my G5RV, I can get a 1.5:1 match
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>>> easily. On my off center dipole, the 15 meter band can become a problem so
>>> I increase the tolerable match to 2.0.
>>>
>>> So, I guess, operate your antenna tuner to give a match that your rig
>>> accepts without any "complaints."
>>>
>>> Steve Finch
>>> AI?W
>>>
>>> Technical Coordinator - North Florida Section
>>>
>>> Homosassa Springs, FL
>>>
>>> ai0w@... <mailto:ai0w%40arrl.net>
>>>
>>> From: LDG-auto-tuners@yahoogroups.com
>>> <mailto:LDG-auto-tuners%40yahoogroups.com>
>>> [mailto:LDG-auto-tuners@yahoogroups.com
>>> <mailto:LDG-auto-tuners%40yahoogroups.com>] On Behalf Of w3qt_mike
>>> Sent: Tuesday, June 25, 2013 7:09 AM
>>> To: LDG-auto-tuners@yahoogroups.com
>>> <mailto:LDG-auto-tuners%40yahoogroups.com>
>>> Subject: [LDG-auto-tuners] What's a "good" SWR"
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>>> I'm new to auto tuners after 48 years with manuals, so my question comes
>>> from that background as I'm learning. What is considered a "good" SWR
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>>> tuning? I'm not obsessive about flat SWRs, but just want to make sure I'm
>>> using my AT-1000PROII correctly. Sometimes I do see some transceiver
>>> fold-back (My PROIII starts to squeal when I go over about 1.5:1). I'm
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>>> zepp or
>>> an LPDA. Some bands are flat others no so much. Fifteen meters on the LPDA

>>> seems to give the tuner a hard time.
>>>
>>> I'd be interested in what others are seeing after tuning. What's a "good"
>>> SWR according to the tuner? Are my ranges about where you are? As I
>>> said, my
>>> experience has been with manual tuners where you take it down to 1:1.
>>> 1.3:1
>>> is certainly a good to go SWR while 1.8:1 starts to trouble the rig. I'd
>>> like to check that I'm using the tuner correctly and adjust my
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>>> Any input would be welcome.
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6313. Re: [LDG-auto-tuners] Re: What's a "good" SWR"

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-06-25 20:31:52 UTC
From: Leonard Pennock (AD7AS)
Topic: 6298 Message: 6313

Just ran the test on my ft950. Full power out at 1.5:1 reduced power at 1.7:1 indicated on the radios meter. I've seen the same behavior on other radios with built in tuners. They seem to be engineered that the built in tuner will get things below 1.6:1.
--
Leonard K. Pennock (AD7AS)

Dwayne <ldgyahoo@...> wrote:

>Mike,
>
>The tuner has absolutely nothing to do with the fold-back level of the
>radio. If your radio starts to fold back the RF power when the SWR is
>1.5, then it's most likely the radio is not calibrated properly.
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>Any modern solid state radio should tolerate an SWR up to 1.7 to 1.8
>before it starts to fold the RF power back.
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>For those of you that will be checking this tonight, be sure to go by
>the SWR on the radio to check the SWR where the fold-back starts. It
>makes no difference what the tuner thinks the SWR is. The goal is to
>make the radio happy so it can put out the maximum amount of RF power
>to the antenna system.
>
>Also see my other post on why the lower limit of the Auto mode
>threshold is set to 1.7.
>
>Dwayne Kincaid
>LDG
>
>
>
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>> thumb. Others are seeing the same thing, so it's probably not a
>glitch
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>> > watts
>> > are reflected. That is about 0.37 db.
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>of 1.5
>> > to 2.0 depending on the antenna. For my G5RV, I can get a 1.5:1
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>> > quite
>> > easily. On my off center dipole, the 15 meter band can become a
>problem so
>> > I increase the tolerable match to 2.0.
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>> > So, I guess, operate your antenna tuner to give a match that your
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>> > Technical Coordinator - North Florida Section
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>> > ai0w@... <mailto:ai0w%40arrl.net>
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>> > From: LDG-auto-tuners@yahoogroups.com
>> > <mailto:LDG-auto-tuners%40yahoogroups.com>
>> > [mailto:LDG-auto-tuners@yahoogroups.com
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>> > <mailto:LDG-auto-tuners%40yahoogroups.com>
>> > Subject: [LDG-auto-tuners] What's a "good" SWR"
>> >

>> > I'm new to auto tuners after 48 years with manuals, so my question
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>> > from that background as I'm learning. What is considered a "good"
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6314. Re: [LDG-auto-tuners] Re: What's a "good" SWR"

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-06-25 20:49:43 UTC
From: Leonard Pennock (AD7AS)
Topic: 6298 Message: 6314

In my mobile I did move up to 1.7 as the wind was changing the loading enough that it caused random retunes. Even at 1.7 I get it but the older 857 starts folding back if I go any higher.

I guess your answer kind of explains why the AT600 I bought can't tune things the AT200 had no problems with. I just assumed they would both work with the same 1.5 threshold on the same antenna but the AT600 won't always find a match when the AT200 would get 1.3 or better.
--
Leonard K. Pennock (AD7AS)

Dwayne <ldgyahoo@...> wrote:

>Leonard,
>
>I think you are confusing the starting threshold setting in Auto mode
>to the final match that the tuner finds.
>
>Since our specification is that the tuner will find a 1.5 SWR or less
>if the starting SWR is 10:1 or less, it makes no sense that the
>starting threshold be 1.5 or lower.
>
>The issue would be that if the tuner found a correct match at 1.5 and
>you have the threshold set to 1.5 or lower, the tuner would continue to
>tune every time you presented RF to the tuner.
>
>We accidentally released a couple of versions of firmware for a couple
>of models that allowed the threshold to be set to 1.1, but they were
>later corrected. We did not issue a recall or initiate an upgrade
>program as the user could still adjust the starting threshold to 1.7 or
>higher.
>
>Dwayne Kincaid
>LDG
>
>--- In LDG-auto-tuners@yahoogroups.com, "Leonard Pennock (AD7AS)"
><leonardpennock@...> wrote:
>>
>> The older tuners had the default set to 2:1 but it is simple to set
>it as low as 1.1:1. Not sure on 1000Pro2 but the other tuners I have
>use Func-L Dn to set.
>> --
>> Leonard K. Pennock (AD7AS)
>>
>> "Mike Morrow, W3QT" <w3qt@...> wrote:
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>> >Leonard,
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>> >I appreciate your reply. Unfortunately the floor threshold on the
>> >AT-1000ProII is 1.7:1, so it's pretty easy to begin folding back
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>> >with the tuner satisfied. They must have raised it a bit from other
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>> >tuners. Not quite certain why except for maybe a little extra
>margin
>> >for higher power? Thanks for your info.
>> >
>> >Mike, W3QT
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>> >
>> >On 2013-06-25 13:00, Leonard Pennock (AD7AS) wrote:
>> >>
>> >> I have the threshold set to 1.5:1 on all my LDG tuners. I`ve found
>
>> >> that most radios that had a internal tuner start folding back
>around
>> >> 1.5 when you disable the internal tuner.
>> >> --
>> >> Leonard K. Pennock (AD7AS)
>> >>
>> >> w3qt_mike <w3qt@... <mailto:w3qt%40comcast.net>> wrote:
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>> >> >I'm new to auto tuners after 48 years with manuals, so my
>question
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6315. Re: What's a "good" SWR"

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-06-25 21:30:40 UTC
From: Dwayne
Topic: 6298 Message: 6315

Hello Leonard,

I believe you still have the final SWR match confused with the starting SWR threshold setting for Auto mode.

The two tuners should have approximately the same tuning range. If they are not in the same ballpark, one of them could be out of calibration.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "Leonard Pennock (AD7AS)" <leonardpennock@...> wrote:
>
> In my mobile I did move up to 1.7 as the wind was changing the loading enough that it caused random retunes. Even at 1.7 I get it but the older 857 starts folding back if I go any higher.
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> >you have the threshold set to 1.5 or lower, the tuner would continue to
> >tune every time you presented RF to the tuner.
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> >later corrected. We did not issue a recall or initiate an upgrade
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6316. Re: [LDG-auto-tuners] Re: What's a "good" SWR"

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-06-26 00:10:21 UTC
From: Mike Morrow, W3QT
Topic: 6298 Message: 6316

Dwayne,

Thanks for the reply. I understand that the tuner has nothing to do directly with the fold-back level of the radio but indirectly it does by "fooling" the radio into seeing an acceptable transmission line impedance so it doesn't fold back. With the AT-1000ProII I'm making the switch from manual to an auto tuner. I asked about SWR to get a feel for what others are experiencing. My primary concern is on 15M where it doesn't seem to tune as well as the other bands when I'm on my LPDA. Since I'm new to auto-tune I wanted make certain it wasn't operator error. It just might be a calibration issue. I did some brief testing and noticed that the radio's SWR is usually a unit or two higher than the M-1000 reading, so when I was talking about a 1.5:1 to 1.8:1 on the M-1000 the rig was seeing a bit higher. (Nice easy read meter, by the way) I'm going to log that for a while and see if there's a pattern there. Thanks again for the reply.

On 2013-06-25 20:11, Dwayne wrote:
>
> Mike,
>
> The tuner has absolutely nothing to do with the fold-back level of the
> radio. If your radio starts to fold back the RF power when the SWR is
> 1.5, then it's most likely the radio is not calibrated properly.
>
> Any modern solid state radio should tolerate an SWR up to 1.7 to 1.8
> before it starts to fold the RF power back.
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> For those of you that will be checking this tonight, be sure to go by
> the SWR on the radio to check the SWR where the fold-back starts. It
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> > > So, I guess, operate your antenna tuner to give a match that your rig
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> > > Sent: Tuesday, June 25, 2013 7:09 AM

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> <mailto:LDG-auto-tuners%40yahoogroups.com>
> > > <mailto:LDG-auto-tuners%40yahoogroups.com>
> > > Subject: [LDG-auto-tuners] What's a "good" SWR"
> > >
> > > I'm new to auto tuners after 48 years with manuals, so my question
> comes
> > > from that background as I'm learning. What is considered a "good" SWR
> > > after
> > > tuning? I'm not obsessive about flat SWRs, but just want to make
> sure I'm
> > > using my AT-1000PROII correctly. Sometimes I do see some transceiver
> > > fold-back (My PROIII starts to squeal when I go over about 1.5:1). I'm
> > > seeing a range of 1.3:1 to 1.8:1 after tuning, whether I'm tuning a
> > > zepp or
> > > an LPDA. Some bands are flat others no so much. Fifteen meters on
> the LPDA
> > > seems to give the tuner a hard time.
> > >
> > > I'd be interested in what others are seeing after tuning. What's a
> "good"
> > > SWR according to the tuner? Are my ranges about where you are? As I
> > > said, my
> > > experience has been with manual tuners where you take it down to 1:1.
> > > 1.3:1
> > > is certainly a good to go SWR while 1.8:1 starts to trouble the
> rig. I'd
> > > like to check that I'm using the tuner correctly and adjust my
> > > expectations.
> > > Any input would be welcome.
> > >
> > > 73,
> > > Mike, W3QT
> > >
> > > [Non-text portions of this message have been removed]
> > >
> > >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>

[Non-text portions of this message have been removed]

6317. Re: [LDG-auto-tuners] Re: For what it's worth

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-06-26 11:32:18 UTC
From: Tony Brignole
Topic: 6287 Message: 6317

Wow! sounds like a mess. We have moist [standard fertile]soil and used a 4 ft Radio Shack ground wire because it was temporary. At home I use a 4 ft std ground rod made by cutting 8 ft in half and sharpening on grinding wheel.

To test put an swr meter between the radio and tuner. Then go from the tuner to an antenna or load etc.

Try a 50 ohm dummy load and see if it tunes. If you can find one use a 2:1 or 3:1 load to test. I made a 3:1 dummy load to test radio tuners.

If you are in a real high RF field [close to AM broadcast] you could have issues.

Sounds like you may have a tuner problem.

----- Original Message -----
From: n7mch
To: LDG-auto-tuners@yahoogroups.com
Sent: Tuesday, June 25, 2013 1:48 PM
Subject: [LDG-auto-tuners] Re: For what it's worth

Tony,

I would really like to know as I have been trying to get my AT-100Pro II working with a 100' end-fed long wire with little or no success. I have used a 4:1 Balun and a 1:1 Balun with no noticeable difference.

What was your ground configuration?

Right now, my LDG is basically a boat anchor.

Oh, by the way, it also does not work with a G5RV that my Kenwood TS-440 auto-tuner can handle.

Thanks

73 de N7MCH Walt

--- In LDG-auto-tuners@yahoogroups.com, Don Sanders <w4bws1@...> wrote:
>
> Tony, was the long wire fed with a balun or directly into the AT 100 pro?
> I use one here with coax fed multiband fan dipole and it is great.
>
> Don HC4/W4BWS
>
>
> On Mon, Jun 24, 2013 at 6:51 AM, Tony Brignole <abrigno@...> wrote:
>

[Non-text portions of this message have been removed]

6318. Re: For what it's worth

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-06-27 19:37:19 UTC
From: n7mch
Topic: 6287 Message: 6318

Tony,

Thanks for the advice. I actually have not tried it into a dummy load. Time to read radio for dummies again. :-)

Right now I am running 3 8 ft rods into the ground near my septic tanks all tied to a single point and fed into the shack. In the shack I have a ground strip connected to the ground feed and all equipment tied back to that.

Thanks

73 de N7MCH Walt

--- In LDG-auto-tuners@yahoogroups.com, "Tony Brignole" <abrigno@...> wrote:
>
> Wow! sounds like a mess. We have moist [standard fertile]soil and used a 4 ft Radio Shack ground wire because it was temporary. At home I use a 4 ft std ground rod made by cutting 8 ft in half and sharpening on grinding wheel.
>
> To test put an swr meter between the radio and tuner. Then go from the tuner to an antenna or load etc.
>
> Try a 50 ohm dummy load and see if it tunes. If you can find one use a 2:1 or 3:1 load to test. I made a 3:1 dummy load to test radio tuners.
>
> If you are in a real high RF field [close to AM broadcast] you could have issues.
>
> Sounds like you may have a tuner problem.
>
>
>
>
> ----- Original Message -----
> From: n7mch
> To: LDG-auto-tuners@yahoogroups.com
> Sent: Tuesday, June 25, 2013 1:48 PM
> Subject: [LDG-auto-tuners] Re: For what it's worth
>
>
>
> Tony,
>
> I would really like to know as I have been trying to get my AT-100Pro II working with a 100' end-fed long wire with little or no success. I have used a 4:1 Balun and a 1:1 Balun with no noticeable difference.
>

> What was your ground configuration?
>
> Right now, my LDG is basically a boat anchor.
>
> Oh, by the way, it also does not work with a G5RV that my Kenwood TS-440 auto-tuner can handle.
>
> Thanks
>
> 73 de N7MCH Walt
>
> --- In LDG-auto-tuners@yahoogroups.com, Don Sanders <w4bws1@> wrote:
> >
> > Tony, was the long wire fed with a balun or directly into the AT 100 pro?
> > I use one here with coax fed multiband fan dipole and it is great.
> >
> > Don HC4/W4BWS
> >
> >
> > On Mon, Jun 24, 2013 at 6:51 AM, Tony Brignole <abrigno@> wrote:
> >
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

6319. Kenwood 590 > AT-200Pro II > Alpha Delta DX-LB Plus (Bypass LED ?)

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-07-06 01:39:42 UTC
From: Larry
Topic: 6319 Message: 6319

Hi Folks

I have Kenwood 590 connected to an AT-200Pro II connected to an Alpha Delta DX-LB Plus.

I have reviewed the manual, but am not clear about the bypass LED.

It seems to stay on as I am tuning various bands.

As I moved between bands how to you reset this LED?

I understand that if the SWR is very low the tuner will bypass.

If the SWR is high on another band will the LED go out and the tuner activate?

Thanks

6321. Wanted. Yott

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-07-09 13:13:03 UTC
From: rosswilcox2002
Topic: 6321 Message: 6321

Wanted yeasu one tuch tune. For ft857
Same as this one
http://www.ldgelectronics.com/assets/discontinued_manuals/yott.pdf

Thx

6322. Re: [LDG-auto-tuners] Wanted

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-07-09 13:54:46 UTC
From: Leonard K. Pennock
Topic: 3393 Message: 6322

You don't really need it. The Y-ACC cable does the same thing. LDG
even shows you the schematic to build your own.

http://www.ldgelectronics.com/c/252/products/19/24/2

On 07/09/2013 06:10 AM, rosswilcox2002 wrote:
> Wanted yeasu one tuch tune. For ft857
> Same as this one
> http://www.ldgelectronics.com/assets/discontinued_manuals/yott.pdf
>
> Thx
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
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>

--
Leonard K. Pennock
AD7AS

Those who walk bravely through life, unafraid of loss or failure,
find that they very rarely lose or fail.

6323. LDG AT-200Pro Issue

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-07-09 12:39:14 UTC
From: wx2ibob
Topic: 6323 Message: 6323

Has anyone made the horrible mistake of, during the factory default reset procedure, briefly applying power to the radio connector on the back?
I do not use the radio connection, however since the above action occurred, the tuner does not tune. All the LEDs light up left to right, then all Flash.
I opened the cover and found no evidence of anything burnt.

Any help would be greatly appreciated... looking for schematics too.

Thanks and 7 3
Bob WX2I

6324. Re: Kenwood 590 > AT-200Pro II > Alpha Delta DX-LB Plus (Bypass LED ?)

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-07-09 14:58:43 UTC
From: kd2cjj
Topic: 6319 Message: 6324

If your light says Bypass after transmitting then your antenna doesnt need a tune - that is a good thing! If lets say your SWR is reading 2.0 and you want to to force a tune, hold down the bypass button for 4 seconds (while transmitting a constant carrier) and it will FORCE a tune... It may or may not go into bypass mode. If it does then you have still an acceptable match based on the threshold set. If you want to lower the threshold say to 1.5 you can do this by hitting Func. key then hitting the Thresh Key... Keep doing this until the SWR bar hits a number that you want it to trigger/force an auto tune.

I too had this question when I first got the tuner... I could not understand why it would almost always go into bypass, I thought it was broken.. In reality it meant that my antenna was well tuned... When I put up an antenna that is not all that resonant it almost NEVER goes into bypass unless I force it (and turn off auto tuning).

Bypass is a nice feature that allows you to "bypass" the tuner to see what the actual SWRs are without the tuner in-line. Its Bypassing the tuner! The tuner is intelligent enough to know that if there is a good match to the antenna to "bypass" the tuner. The tuner will always add loss (albeit not much) and bypassing the tuner will be more efficient.... BUT BUT BUT... this depends on your receiver. Most yaesus start to fold back power at 1.8 SWR... therefor if you have a 2.0 and can get it to 1.1 with the tuner, theoretically its more efficient to have a 1.1 with the tuner than a 2.0 where by the transceiver is folding back a few watts AND potentially a greater mismatch. I have confirmed this with my FTDX3000 using a power meter at the antenna side that more power is getting to the antenna with a 1.1 than a 2.0 without the tuner. I set my threshold to 1.7 because of this finding... Even if I get a good tune to 1.7 or 1.5 I can almost always get a 1.1 but using the C or L buttons to tweak the results.

--- In LDG-auto-tuners@yahoogroups.com, "Larry" <narikawa@...> wrote:
>
> Hi Folks
>
> I have Kenwood 590 connected to an AT-200Pro II connected to an Alpha Delta DX-LB Plus.
>
> I have reviewed the manual, but am not clear about the bypass LED.
>
> It seems to stay on as I am tuning various bands.
>
> As I moved between bands how to you reset this LED?
>
> I understand that if the SWR is very low the tuner will bypass.
>
> If the SWR is high on another band will the LED go out and the tuner activate?
>
> Thanks
>

6325. Re: Wanted

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-07-10 03:40:05 UTC
From: rosswilcox2002
Topic: 3393 Message: 6325

that won't work with an rt111 tuner need yott

--- In LDG-auto-tuners@yahoogroups.com, "Leonard K. Pennock" <leonardpennock@...> wrote:
>
> You don't really need it. The Y-ACC cable does the same thing. LDG
> even shows you the schematic to build your own.
>
> http://www.ldgelectronics.com/c/252/products/19/24/2
>
> On 07/09/2013 06:10 AM, rosswilcox2002 wrote:
> > Wanted yeasu one tuch tune. For ft857
> > Same as this one
> > http://www.ldgelectronics.com/assets/discontinued_manuals/yott.pdf
> >
> > Thx
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
> >
> >
>
> --
> Leonard K. Pennock
> AD7AS
>
> Those who walk bravely through life, unafraid of loss or failure,
> find that they very rarely lose or fail.
>

6328. Re: [LDG-auto-tuners] Re: Wanted

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-07-10 05:25:30 UTC
From: Leonard Pennock (AD7AS)
Topic: 3393 Message: 6328

You might want to call LDG. When I probed a K-Ott the tuner side pretty matched what the 857 does.
--
Leonard K. Pennock (AD7AS)

rosswilcox2002 <rosswilcox2002@...> wrote:

>that won't work with an rt111 tuner need yott
>
>--- In LDG-auto-tuners@yahoogroups.com, "Leonard K. Pennock"
><leonardpennock@...> wrote:
>>
>> You don't really need it. The Y-ACC cable does the same thing. LDG
>> even shows you the schematic to build your own.
>>
>> http://www.ldgelectronics.com/c/252/products/19/24/2
>>
>> On 07/09/2013 06:10 AM, rosswilcox2002 wrote:
>> > Wanted yeasu one tuch tune. For ft857
>> > Same as this one
>> > http://www.ldgelectronics.com/assets/discontinued_manuals/yott.pdf
>> >
>> > Thx
>> >
>> >
>> >
>> > ------------------------------------
>> >
>> > Yahoo! Groups Links
>> >
>> >
>> >
>>
>> --
>> Leonard K. Pennock
>> AD7AS
>>
>> Those who walk bravely through life, unafraid of loss or failure,
>> find that they very rarely lose or fail.
>>
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>Yahoo! Groups Links
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[Non-text portions of this message have been removed]

6329. Re: Wanted

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-07-10 13:20:37 UTC
From: Dwayne
Topic: 3393 Message: 6329

Hello,

We have not had the Y-OTT for many, many years.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "Leonard Pennock (AD7AS)" <leonardpennock@...> wrote:
>
> You might want to call LDG. When I probed a K-Ott the tuner side pretty matched what the 857 does.
> --
> Leonard K. Pennock (AD7AS)
>
> rosswilcox2002 <rosswilcox2002@...> wrote:
>
> >that won't work with an rt111 tuner need yott
> >
> >--- In LDG-auto-tuners@yahoogroups.com, "Leonard K. Pennock"
> ><leonardpennock@> wrote:
> >>
> >> You don't really need it. The Y-ACC cable does the same thing. LDG
> >> even shows you the schematic to build your own.
> >>
> >> http://www.ldgelectronics.com/c/252/products/19/24/2
> >>
> >> On 07/09/2013 06:10 AM, rosswilcox2002 wrote:
> >> > Wanted yeasu one tuch tune. For ft857
> >> > Same as this one
> >> > http://www.ldgelectronics.com/assets/discontinued_manuals/yott.pdf
> >> >

6330. Re: [LDG-auto-tuners] Re: Wanted

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-07-10 14:05:02 UTC
From: Leonard K. Pennock
Topic: 3393 Message: 6330

It the interface spec available for the RT11 since that it the reason the person needed the Y-OTT for? When I looked at the tuner side of a K-OTT I seem to remember there was two lines, one would put the tuner into tune mode when it was pulled to ground and the other was used to signal the radio to go to tune mode by pulling the line to ground.

On 07/10/2013 06:20 AM, Dwayne wrote:
> Hello,
>
> We have not had the Y-OTT for many, many years.
>
> Dwayne Kincaid
> LDG
>
> --- In LDG-auto-tuners@yahoogroups.com, "Leonard Pennock (AD7AS)" <leonardpennock@...> wrote:
>>
>> You might want to call LDG. When I probed a K-Ott the tuner side pretty matched what the 857 does.
>> --
>> Leonard K. Pennock (AD7AS)
>>
>> rosswilcox2002 <rosswilcox2002@...> wrote:
>>
>>> that won't work with an rt111 tuner need yott
>>>
>>> --- In LDG-auto-tuners@yahoogroups.com, "Leonard K. Pennock"
>>> <leonardpennock@> wrote:
>>>>
>>>> You don't really need it. The Y-ACC cable does the same thing. LDG
>>>> even shows you the schematic to build your own.
>>>>
>>>> http://www.ldgelectronics.com/c/252/products/19/24/2
>>>>
>>>> On 07/09/2013 06:10 AM, rosswilcox2002 wrote:
>>>>> Wanted yeasu one tuch tune. For ft857
>>>>> Same as this one
>>>>> http://www.ldgelectronics.com/assets/discontinued_manuals/yott.pdf
>>>>>
>
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> ------------------------------------
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> Yahoo! Groups Links

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>

--
Leonard K. Pennock
AD7AS

Those who walk bravely through life, unafraid of loss or failure,
find that they very rarely lose or fail.

6331. LDG AT-1000ProII reset

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-07-10 14:24:00 UTC
From: cadiscase
Topic: 6331 Message: 6331

How do you do a reset on an LDG AT-1000ProII ?

I could not find it in the manual.

Thanks

6332. Re: [LDG-auto-tuners] LDG AT-1000ProII reset

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-07-10 14:48:12 UTC
From: Jimmy (WB8NBI)
Topic: 6331 Message: 6332

I do not believe that you can reset it.

DE Jimmy (WB8NBI)

From: cadiscase
Sent: Wednesday, July 10, 2013 10:24 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] LDG AT-1000ProII reset

How do you do a reset on an LDG AT-1000ProII ?

I could not find it in the manual.

Thanks

[Non-text portions of this message have been removed]

6333. Re: Kenwood 590 > AT-200Pro II > Alpha Delta DX-LB Plus (Bypass LED ?)

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-07-11 00:40:23 UTC
From: Larry
Topic: 6319 Message: 6333

Thanks for the feedback.

If I am on a band and the SWR is low and the bypass LED go ON, then I switch band to a poor SWR will the tuner automatically attempt to tune and the LED goes off.

--- In LDG-auto-tuners@yahoogroups.com, "kd2cjj" <mikelebron@...> wrote:
>
> If your light says Bypass after transmitting then your antenna doesnt need a tune - that is a good thing! If lets say your SWR is reading 2.0 and you want to to force a tune, hold down the bypass button for 4 seconds (while transmitting a constant carrier) and it will FORCE a tune... It may or may not go into bypass mode. If it does then you have still an acceptable match based on the threshold set. If you want to lower the threshold say to 1.5 you can do this by hitting Func. key then hitting the Thresh Key... Keep doing this until the SWR bar hits a number that you want it to trigger/force an auto tune.
>
> I too had this question when I first got the tuner... I could not understand why it would almost always go into bypass, I thought it was broken.. In reality it meant that my antenna was well tuned... When I put up an antenna that is not all that resonant it almost NEVER goes into bypass unless I force it (and turn off auto tuning).
>
>
> Bypass is a nice feature that allows you to "bypass" the tuner to see what the actual SWRs are without the tuner in-line. Its Bypassing the tuner! The tuner is intelligent enough to know that if there is a good match to the antenna to "bypass" the tuner. The tuner will always add loss (albeit not much) and bypassing the tuner will be more efficient.... BUT BUT BUT... this depends on your receiver. Most yaesus start to fold back power at 1.8 SWR... therefor if you have a 2.0 and can get it to 1.1 with the tuner, theoretically its more efficient to have a 1.1 with the tuner than a 2.0 where by the transceiver is folding back a few watts AND potentially a greater mismatch. I have confirmed this with my FTDX3000 using a power meter at the antenna side that more power is getting to the antenna with a 1.1 than a 2.0 without the tuner. I set my threshold to 1.7 because of this finding... Even if I get a good tune to 1.7 or 1.5 I can almost always get a 1.1 but using the C or L buttons to tweak the results.
>
> --- In LDG-auto-tuners@yahoogroups.com, "Larry" <narikawa@> wrote:
> >
> > Hi Folks
> >
> > I have Kenwood 590 connected to an AT-200Pro II connected to an Alpha Delta DX-LB Plus.
> >
> > I have reviewed the manual, but am not clear about the bypass LED.
> >
> > It seems to stay on as I am tuning various bands.
> >

> > As I moved between bands how to you reset this LED?
> >
> > I understand that if the SWR is very low the tuner will bypass.
> >
> > If the SWR is high on another band will the LED go out and the tuner activate?
> >
> > Thanks
> >
>

6334. Yt-100 vs it-100

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-07-10 19:00:13 UTC
From: José Manuel Andrade
Topic: 6334 Message: 6334

Hello all!

I have an IT-100 and an AT-200ProII, that I use with my IC-7000 (the IT-100 when out, and the AT-200 at home).

Recently I was able to get an ft-857D.

Is it possible to use the IT-100 with the YAESU, manufacturing a different cable/connection, or the inside interface is completely different?

Thks

Regards

José

CS7ACK

[Non-text portions of this message have been removed]

6335. Re: LDG AT-1000ProII reset

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-07-12 03:35:36 UTC
From: Dwayne
Topic: 6331 Message: 6335

Hello,

None of the current LDG tuners have a full reset. The reason is that if you change antennas, the tuner will sense that and do a full tune each time you tune a new band. So in effect, the tuner is constantly looking to reset each memory position, but only if needed.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "cadiscase" <jlfisher@...> wrote:
>
> How do you do a reset on an LDG AT-1000ProII ?
>
> I could not find it in the manual.
>
>
> Thanks
>

6336. Re: Kenwood 590 > AT-200Pro II > Alpha Delta DX-LB Plus (Bypass LED ?)

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-07-12 03:36:59 UTC
From: Dwayne
Topic: 6319 Message: 6336

Hello,

That is correct operation.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "Larry" <narikawa@...> wrote:
>
> Thanks for the feedback.
>
> If I am on a band and the SWR is low and the bypass LED go ON, then I switch band to a poor SWR will the tuner automatically attempt to tune and the LED goes off.
>
> --- In LDG-auto-tuners@yahoogroups.com, "kd2cjj" <mikelebron@> wrote:
> >
> > If your light says Bypass after transmitting then your antenna doesnt need a tune - that is a good thing! If lets say your SWR is reading 2.0 and you want to to force a tune, hold down the bypass button for 4 seconds (while transmitting a constant carrier) and it will FORCE a tune... It may or may not go into bypass mode. If it does then you have still an acceptable match based on the threshold set. If you want to lower the threshold say to 1.5 you can do this by hitting Func. key then hitting the Thresh Key... Keep doing this until the SWR bar hits a number that you want it to trigger/force an auto tune.
> >
> > I too had this question when I first got the tuner... I could not understand why it would almost always go into bypass, I thought it was broken.. In reality it meant that my antenna was well tuned... When I put up an antenna that is not all that resonant it almost NEVER goes into bypass unless I force it (and turn off auto tuning).
> >
> >
> > Bypass is a nice feature that allows you to "bypass" the tuner to see what the actual SWRs are without the tuner in-line. Its Bypassing the tuner! The tuner is intelligent enough to know that if there is a good match to the antenna to "bypass" the tuner. The tuner will always add loss (albeit not much) and bypassing the tuner will be more efficient.... BUT BUT BUT... this depends on your receiver. Most yaesus start to fold back power at 1.8 SWR... therefor if you have a 2.0 and can get it to 1.1 with the tuner, theoretically its more efficient to have a 1.1 with the tuner than a 2.0 where by the transceiver is folding back a few watts AND potentially a greater mismatch. I have confirmed this with my FTDX3000 using a power meter at the antenna side that more power is getting to the antenna with a 1.1 than a 2.0 without the tuner. I set my threshold to 1.7 because of this finding... Even if I get a good tune to 1.7 or 1.5 I can almost always get a 1.1 but using the C or L buttons to tweak the results.
> >
> > --- In LDG-auto-tuners@yahoogroups.com, "Larry" <narikawa@> wrote:

> > >
> > > Hi Folks
> > >
> > > I have Kenwood 590 connected to an AT-200Pro II connected to an Alpha Delta DX-LB Plus.
> > >
> > > I have reviewed the manual, but am not clear about the bypass LED.
> > >
> > > It seems to stay on as I am tuning various bands.
> > >
> > > As I moved between bands how to you reset this LED?
> > >
> > > I understand that if the SWR is very low the tuner will bypass.
> > >
> > > If the SWR is high on another band will the LED go out and the tuner activate?
> > >
> > > Thanks
> > >
> >
>

6337. Re: Yt-100 vs it-100

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-07-12 03:38:52 UTC
From: Dwayne
Topic: 6334 Message: 6337

Jose,

Sorry, there is no way to use the IT-100 with any brand except Icom. You can use the AT-200ProII with the FT-897D.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, José Manuel Andrade <jose.andrade@...> wrote:
>
> Hello all!
>
>
>
> I have an IT-100 and an AT-200ProII, that I use with my IC-7000 (the IT-100
> when out, and the AT-200 at home).
>
> Recently I was able to get an ft-857D.
>
> Is it possible to use the IT-100 with the YAESU, manufacturing a different
> cable/connection, or the inside interface is completely different?
>
>
>
> Thks
>
> Regards
>
> José
>
> CS7ACK
>
>
>
> [Non-text portions of this message have been removed]
>

6338. RE: [LDG-auto-tuners] Re: Yt-100 vs it-100

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-07-12 08:18:00 UTC
From: José Manuel Andrade
Topic: 6334 Message: 6338

OK, no problem.

Yes the AT-200ProII, I have used with the FT.

Well, I guess I must start saving 200 EUR J

Thks for the reply, Dwayne.

Regards

José

CS7ACK

From: LDG-auto-tuners@yahoogroups.com
[mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Dwayne
Sent: sexta-feira, 12 de Julho de 2013 04:39
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: Yt-100 vs it-100

Jose,

Sorry, there is no way to use the IT-100 with any brand except Icom. You can
use the AT-200ProII with the FT-897D.

Dwayne Kincaid
LDG

--- In <mailto:LDG-auto-tuners%40yahoogroups.com>
LDG-auto-tuners@yahoogroups.com, José Manuel Andrade <
<mailto:jose.andrade@...> jose.andrade@...> wrote:
>
> Hello all!
>
>
>
> I have an IT-100 and an AT-200ProII, that I use with my IC-7000 (the
IT-100
> when out, and the AT-200 at home).
>
> Recently I was able to get an ft-857D.
>
> Is it possible to use the IT-100 with the YAESU, manufacturing a different
> cable/connection, or the inside interface is completely different?
>
>
>
> Thks

>
> Regards
>
> José
>
> CS7ACK
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

6339. Msg No Posted

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-07-16 00:19:42 UTC
From: n2lrb@...
Topic: 6339 Message: 6339

I posted a message about my new LDG-Z11 Pro 2 along with some recommendations for the battery installation, but the message never showed up.

Jose - N2LRB

6340. LDG announces new Remote Tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-07-22 18:30:05 UTC
From: Dwayne
Topic: 6340 Message: 6340

This is some trial runs of the the new RT-100 remote tuner. This is all the info we have at the moment and will formally update the LDG web site in a few weeks. A delivery date is not yet scheduled. The price is about $200.

http://westmorelandhamradio.weebly.com/check-out-the-new-ldg-tuner.html

Dwayne Kincaid
LDG

6341. Re: [LDG-auto-tuners] LDG announces new Remote Tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-07-22 18:57:58 UTC
From: Keith Heimbold
Topic: 6340 Message: 6341

Dwayne,

That is one nice concept! Good work on product development!

Keith

Sent from my iPhone please excuse typos

On Jul 22, 2013, at 11:34 AM, "Dwayne" <ldgyahoo@...> wrote:

> This is some trial runs of the the new RT-100 remote tuner. This is all the info we have at the moment and will formally update the LDG web site in a few weeks. A delivery date is not yet scheduled. The price is about $200.
>
> http://westmorelandhamradio.weebly.com/check-out-the-new-ldg-tuner.html
>
> Dwayne Kincaid
> LDG
>
>

[Non-text portions of this message have been removed]

6342. Re: LDG announces new Remote Tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-07-22 20:07:49 UTC
From: roley_g3vir
Topic: 6340 Message: 6342

Look just the gear needed for my new 80 & 160 metre vertical I am making.
Price looks good too. USD200 means it will probably sell in the UK for GBP200. Why I don't know but it always seems to work that way.
Great work Dwayne!
Roley G3VIR

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
> This is some trial runs of the the new RT-100 remote tuner. This is all the info we have at the moment and will formally update the LDG web site in a few weeks. A delivery date is not yet scheduled. The price is about $200.
>
> http://westmorelandhamradio.weebly.com/check-out-the-new-ldg-tuner.html
>
> Dwayne Kincaid
> LDG
>

6343. RE: [LDG-auto-tuners] LDG announces new Remote Tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-07-22 19:45:41 UTC
From: Taylor Jim-CJT001
Topic: 6340 Message: 6343

It would be interesting to repeat these tests with 25 ohm, 12.5 ohm, and maybe down to 10 ohms of resistances for 2:1, 4:1 etc, respectively. Reason being a short vertical (or mobile whip) can, but not always exhibit very low impedances that some tuners will not tolerate. If it did, that might be another marketing advantage over a bigger and more expensive screw driver type antenna in a mobile environment. And I'd be very interested in one.

Regards,

Jim
WB8HMD

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Keith Heimbold
Sent: Monday, July 22, 2013 1:58 PM
To: LDG-auto-tuners@yahoogroups.com
Cc: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] LDG announces new Remote Tuner

Dwayne,

That is one nice concept! Good work on product development!

Keith

Sent from my iPhone please excuse typos

On Jul 22, 2013, at 11:34 AM, "Dwayne" <ldgyahoo@...<mailto:ldgyahoo%40ldgelectronics.com>> wrote:

> This is some trial runs of the the new RT-100 remote tuner. This is all the info we have at the moment and will formally update the LDG web site in a few weeks. A delivery date is not yet scheduled. The price is about $200.
>
> http://westmorelandhamradio.weebly.com/check-out-the-new-ldg-tuner.html
>
> Dwayne Kincaid
> LDG
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

6344. Re: [LDG-auto-tuners] LDG announces new Remote Tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-07-23 01:32:29 UTC
From: VE6LB
Topic: 6340 Message: 6344

Dwayne,

Any plans for a KW version?

73, Gerry VE6LB

From: Dwayne
Sent: Monday, July 22, 2013 12:30
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] LDG announces new Remote Tuner

This is some trial runs of the the new RT-100 remote tuner. This is all the info we have at the moment and will formally update the LDG web site in a few weeks. A delivery date is not yet scheduled. The price is about $200.

http://westmorelandhamradio.weebly.com/check-out-the-new-ldg-tuner.html

Dwayne Kincaid
LDG

[Non-text portions of this message have been removed]

6345. Re: [LDG-auto-tuners] LDG announces new Remote Tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-07-23 01:54:28 UTC
From: Brian Denley
Topic: 6340 Message: 6345

I'm with you Gerry. I was all excited until I saw the 100 watts limit.

Brian KB1VBF

Sent from my iPad

On Jul 22, 2013, at 9:32 PM, "VE6LB" <ve6lb@telus.net> wrote:

>
> Dwayne,
>
> Any plans for a KW version?
>
> 73, Gerry VE6LB
>
> From: Dwayne
> Sent: Monday, July 22, 2013 12:30
> To: LDG-auto-tuners@yahoogroups.com
> Subject: [LDG-auto-tuners] LDG announces new Remote Tuner
>
> This is some trial runs of the the new RT-100 remote tuner. This is all the info we have at the moment and will formally update the LDG web site in a few weeks. A delivery date is not yet scheduled. The price is about $200.
>
> http://westmorelandhamradio.weebly.com/check-out-the-new-ldg-tuner.html
>
> Dwayne Kincaid
> LDG
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

6346. Re: LDG announces new Remote Tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-07-23 12:26:15 UTC
From: k2lrv
Topic: 6340 Message: 6346

VERY nice, but Made in Tawian ? Is this just the case work? or ar the internals made overseas as well?

--- In LDG-auto-tuners@yahoogroups.com, Brian Denley <b.denley@...> wrote:
>
> I'm with you Gerry. I was all excited until I saw the 100 watts limit.
>
> Brian KB1VBF
>
> Sent from my iPad
>
> On Jul 22, 2013, at 9:32 PM, "VE6LB" <ve6lb@...> wrote:
>
> >
> > Dwayne,
> >
> > Any plans for a KW version?
> >
> > 73, Gerry VE6LB
> >
> > From: Dwayne
> > Sent: Monday, July 22, 2013 12:30
> > To: LDG-auto-tuners@yahoogroups.com
> > Subject: [LDG-auto-tuners] LDG announces new Remote Tuner
> >
> > This is some trial runs of the the new RT-100 remote tuner. This is all the info we have at the moment and will formally update the LDG web site in a few weeks. A delivery date is not yet scheduled. The price is about $200.
> >
> > http://westmorelandhamradio.weebly.com/check-out-the-new-ldg-tuner.html
> >
> > Dwayne Kincaid
> > LDG
> >
> > [Non-text portions of this message have been removed]
> >
> >
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>
> [Non-text portions of this message have been removed]
>

6347. Re: [LDG-auto-tuners] Re: LDG announces new Remote Tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-07-23 15:25:02 UTC
From: KK2DOG in NY
Topic: 6340 Message: 6347

All of the other models are made in Taiwan too, and they work quite well !

KK2DOG
Owner/Admin
www.hamwave.com

From: k2lrv <lciotti1@...>
To: LDG-auto-tuners@yahoogroups.com
Sent: Tuesday, July 23, 2013 8:26 AM
Subject: [LDG-auto-tuners] Re: LDG announces new Remote Tuner

VERY nice, but Made in Tawian ? Is this just the case work? or ar the internals made overseas as well?

--- In LDG-auto-tuners@yahoogroups.com, Brian Denley <b.denley@...> wrote:
>
> I'm with you Gerry. I was all excited until I saw the 100 watts limit.
>
> Brian KB1VBF
>
> Sent from my iPad
>
> On Jul 22, 2013, at 9:32 PM, "VE6LB" <ve6lb@...> wrote:
>
> >
> > Dwayne,
> >
> > Any plans for a KW version?
> >
> > 73, Gerry VE6LB
> >
> > From: Dwayne
> > Sent: Monday, July 22, 2013 12:30
> > To: LDG-auto-tuners@yahoogroups.com
> > Subject: [LDG-auto-tuners] LDG announces new Remote Tuner
> >
> > This is some trial runs of the the new RT-100 remote tuner. This is all the info we have at the moment and will formally update the LDG web site in a few weeks. A delivery date is not yet scheduled. The price is about $200.
> >
> > http://westmorelandhamradio.weebly.com/check-out-the-new-ldg-tuner.html
> >
> > Dwayne Kincaid
> > LDG
> >

> > [Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

6348. Re: [LDG-auto-tuners] Re: LDG announces new Remote Tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-07-23 15:41:56 UTC
From: Keith Heimbold
Topic: 6340 Message: 6348

I would definitely purchase a 1KW model but this one is perfect for experimental verticals at my QTH.

Sent from my iPhone please excuse typos

On Jul 23, 2013, at 8:30 AM, "KK2DOG in NY" <kk2dog@...> wrote:

> All of the other models are made in Taiwan too, and they work quite well !
>
>
> KK2DOG
> Owner/Admin
> www.hamwave.com
>
> _____
> From: k2lrv <lciotti1@...>
> To: LDG-auto-tuners@yahoogroups.com
> Sent: Tuesday, July 23, 2013 8:26 AM
> Subject: [LDG-auto-tuners] Re: LDG announces new Remote Tuner
>
>
>
> VERY nice, but Made in Tawian ? Is this just the case work? or ar the internals made overseas as well?
>
> --- In LDG-auto-tuners@yahoogroups.com, Brian Denley <b.denley@...> wrote:
> >
> > I'm with you Gerry. I was all excited until I saw the 100 watts limit.
> >
> > Brian KB1VBF
> >
> > Sent from my iPad
> >
> > On Jul 22, 2013, at 9:32 PM, "VE6LB" <ve6lb@...> wrote:
> >
> >
> > >
> > > Dwayne,
> > >
> > > Any plans for a KW version?
> > >
> > > 73, Gerry VE6LB
> > >
> > > From: Dwayne
> > > Sent: Monday, July 22, 2013 12:30
> > > To: LDG-auto-tuners@yahoogroups.com
> > > Subject: [LDG-auto-tuners] LDG announces new Remote Tuner

> > >
> > > This is some trial runs of the the new RT-100 remote tuner. This is all the info we have at the moment and will formally update the LDG web site in a few weeks. A delivery date is not yet scheduled. The price is about $200.
> > >
> > > http://westmorelandhamradio.weebly.com/check-out-the-new-ldg-tuner.html
> > >
> > > Dwayne Kincaid
> > > LDG
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6349. Re: LDG announces new Remote Tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-07-23 21:37:53 UTC
From: John - KC3LX
Topic: 6340 Message: 6349

It will tune down to at least 10 ohm resistive and may go further but when I was playing with it, I didn't have a SWR analyzer and could only do resistive loads accurately. Unfortunately I only had a day to play with it before I had to pass it on to someone else in the club. I noticed they are using it as the center of a dipole. See our club web site at http://westmorelandhamradio.weebly.com/check-out-the-new-ldg-tuner.html At Field Day this year we used it as the center of a 10 meter dipole and even then it would tune up on 80 meters. It really is a great product and I am definitely getting one.

John KC3LX

--- In LDG-auto-tuners@yahoogroups.com, Taylor Jim-CJT001 <cjt001@...> wrote:
>
> It would be interesting to repeat these tests with 25 ohm, 12.5 ohm, and maybe down to 10 ohms of resistances for 2:1, 4:1 etc, respectively. Reason being a short vertical (or mobile whip) can, but not always exhibit very low impedances that some tuners will not tolerate. If it did, that might be another marketing advantage over a bigger and more expensive screw driver type antenna in a mobile environment. And Iâ☐☐d be very interested in one.
>
> Regards,
>
> Jim
> WB8HMD
>
> From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Keith Heimbold
> Sent: Monday, July 22, 2013 1:58 PM
> To: LDG-auto-tuners@yahoogroups.com
> Cc: LDG-auto-tuners@yahoogroups.com
> Subject: Re: [LDG-auto-tuners] LDG announces new Remote Tuner
>
>
>
> Dwayne,
>
> That is one nice concept! Good work on product development!
>
> Keith
>
> Sent from my iPhone please excuse typos
>
> On Jul 22, 2013, at 11:34 AM, "Dwayne" <ldgyahoo@...<mailto:ldgyahoo%40ldgelectronics.com>> wrote:
>
> > This is some trial runs of the the new RT-100 remote tuner. This is all the info we have at the moment and will formally update the LDG web site in a few weeks. A delivery date is not yet scheduled. The price is about $200.
> >
> > http://westmorelandhamradio.weebly.com/check-out-the-new-ldg-tuner.html

> >
> > Dwayne Kincaid
> > LDG
> >
> >
>
> [Non-text portions of this message have been removed]
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>
> [Non-text portions of this message have been removed]
>

6350. RE: [LDG-auto-tuners] LDG announces new Remote Tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-07-24 00:53:15 UTC
From: José Manuel Andrade
Topic: 6340 Message: 6350

Hello Dwayne and all!

I subscribe that Keith!

My humble opinion:

Good concept. Very good work. Nice requirements gathering ;) !

I hope that will evolve to a good set of tech devices (100W, 1Kw,etc)!

Regards

Jose

CS7ACK

Portugal

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Keith Heimbold
Sent: segunda-feira, 22 de Julho de 2013 19:58
To: LDG-auto-tuners@yahoogroups.com
Cc: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] LDG announces new Remote Tuner

Dwayne,

That is one nice concept! Good work on product development!

Keith

Sent from my iPhone please excuse typos

On Jul 22, 2013, at 11:34 AM, "Dwayne" <ldgyahoo@...
<mailto:ldgyahoo%40ldgelectronics.com> > wrote:

> This is some trial runs of the the new RT-100 remote tuner. This is all the info we have at the moment and will formally update the LDG web site in a few weeks. A delivery date is not yet scheduled. The price is about $200.
>
> http://westmorelandhamradio.weebly.com/check-out-the-new-ldg-tuner.html
>
> Dwayne Kincaid
> LDG
>
>

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6351. Re: LDG announces new Remote Tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-07-24 14:17:39 UTC
From: phillz46
Topic: 6340 Message: 6351

After experiencing poor reliability with an MFJ-927 remote tuner and high SWR with an SGC SG-237, I would definitely be interested in an LDG remote tuner for my 43 ft vertical. My LDG Z11-ProII tunes it well from the shack, so a remote version would be ideal. I look forward to this product being in production. Keep us informed.

Phil N3ZP

--- In LDG-auto-tuners@yahoogroups.com, JosÃ© Manuel Andrade <jose.andrade@...> wrote:
>
> Hello Dwayne and all!
>
> I subscribe that Keith!
>
>
>
> My humble opinion:
>
> Good concept. Very good work. Nice requirements gathering ;) !
>
> I hope that will evolve to a good set of tech devices (100W, 1Kw,etc)!
>
>
>
> Regards
>
> Jose
>
> CS7ACK
>
> Portugal
>
>
>
> From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Keith Heimbold
> Sent: segunda-feira, 22 de Julho de 2013 19:58
> To: LDG-auto-tuners@yahoogroups.com
> Cc: LDG-auto-tuners@yahoogroups.com
> Subject: Re: [LDG-auto-tuners] LDG announces new Remote Tuner
>
>
>
>
>
> Dwayne,

>
> That is one nice concept! Good work on product development!
>
> Keith
>
> Sent from my iPhone please excuse typos
>
> On Jul 22, 2013, at 11:34 AM, "Dwayne" <ldgyahoo@...
<mailto:ldgyahoo%40ldgelectronics.com> > wrote:
>
> > This is some trial runs of the the new RT-100 remote tuner. This is all the info we have at the moment and will formally update the LDG web site in a few weeks. A delivery date is not yet scheduled. The price is about $200.
> >
> > http://westmorelandhamradio.weebly.com/check-out-the-new-ldg-tuner.html
> >
> > Dwayne Kincaid
> > LDG
> >
> >
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> [Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]
>

6352. Re: LDG announces new Remote Tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-07-25 08:13:18 UTC
From: Ken
Topic: 6340 Message: 6352

Cold WX operation??

Any tests yet of how it will work at -30 to -40F ?

(It gets cold in my part of Canada!)

If it will get more power to my antenna, I'd like to put one in my shed where I can eliminate the balun.

73.. Ken - VE5KC

6353. Re: [LDG-auto-tuners] Re: LDG announces new Remote Tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-07-24 19:43:46 UTC
From: WolfBob
Topic: 6340 Message: 6353

Is there a problem with the current line of LDG tuners that are automatic and battery operated being used in a remote location after they are waterproofed? Will they hunt too much or what in the auto mode?

Bob, WB6JPI

----- Original Message -----
From: phillz46
To: LDG-auto-tuners@yahoogroups.com
Sent: Wednesday, July 24, 2013 7:17 AM
Subject: [LDG-auto-tuners] Re: LDG announces new Remote Tuner

After experiencing poor reliability with an MFJ-927 remote tuner and high SWR with an SGC SG-237, I would definitely be interested in an LDG remote tuner for my 43 ft vertical. My LDG Z11-ProII tunes it well from the shack, so a remote version would be ideal. I look forward to this product being in production. Keep us informed.

Phil N3ZP

--- In LDG-auto-tuners@yahoogroups.com, JosÃ© Manuel Andrade <jose.andrade@...> wrote:
>
> Hello Dwayne and all!
>
> I subscribe that Keith!
>
>
>
> My humble opinion:
>
> Good concept. Very good work. Nice requirements gathering ;) !
>
> I hope that will evolve to a good set of tech devices (100W, 1Kw,etc)!
>
>
>
> Regards
>
> Jose
>
> CS7ACK
>
> Portugal
>
>
>
> From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com] On Behalf

Of Keith Heimbold
> Sent: segunda-feira, 22 de Julho de 2013 19:58
> To: LDG-auto-tuners@yahoogroups.com
> Cc: LDG-auto-tuners@yahoogroups.com
> Subject: Re: [LDG-auto-tuners] LDG announces new Remote Tuner
>
>
>
>
>
> Dwayne,
>
> That is one nice concept! Good work on product development!
>
> Keith
>
> Sent from my iPhone please excuse typos
>
> On Jul 22, 2013, at 11:34 AM, "Dwayne" <ldgyahoo@...
<mailto:ldgyahoo%40ldgelectronics.com> > wrote:
>
> > This is some trial runs of the the new RT-100 remote tuner. This is all the info we have at the moment and will formally update the LDG web site in a few weeks. A delivery date is not yet scheduled. The price is about $200.
> >
> > http://westmorelandhamradio.weebly.com/check-out-the-new-ldg-tuner.html
> >
> > Dwayne Kincaid
> > LDG
> >
> >
>
> [Non-text portions of this message have been removed]
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6354. Re: LDG announces new Remote Tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-07-26 17:43:56 UTC
From: kd2cjj
Topic: 6340 Message: 6354

When I look this up on the LDG Web Site it says new or discontinued.... or just an old thread resurrection trying to get my hopes up?

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
> This is some trial runs of the the new RT-100 remote tuner. This is all the info we have at the moment and will formally update the LDG web site in a few weeks. A delivery date is not yet scheduled. The price is about $200.
>
> http://westmorelandhamradio.weebly.com/check-out-the-new-ldg-tuner.html
>
> Dwayne Kincaid
> LDG
>

6355. Re: [LDG-auto-tuners] Re: LDG announces new Remote Tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-07-26 18:56:55 UTC
From: Furliips Stardust
Topic: 6340 Message: 6355

Nope, it's a brand new product Dwayne and LDG have been working on.
Dwayne posted the announcement Monday the 22nd.

Jeff-1.0
wa6fwi

From: kd2cjj <mikelebron@...>
To: LDG-auto-tuners@yahoogroups.com
Sent: Friday, July 26, 2013 12:43 PM
Subject: [LDG-auto-tuners] Re: LDG announces new Remote Tuner

When I look this up on the LDG Web Site it says new or discontinued.... or just an old thread resurrection trying to get my hopes up?

[Non-text portions of this message have been removed]

6356. LDG_Z11 Pro Schematic/Parts list

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-07-27 17:03:14 UTC
From: k2lrv
Topic: 6356 Message: 6356

Does anyone have a schematic for a Z11 Pro PCB version 1.5, firmware 1.3? I picked up a non-working one, and the MCU appears to be functioning fine, but any attempt to tune or adjust an L or C and all I get is a faint audible whine from a relay. I suspect it is U4, but Q1 also seems to have a lump in the top of it. With no schematic to go buy it makes troubleshooting hard.

I located a replacement U4 already, so if I had atleast a parts list I can do more troubleshooting.

Thanks,

Lou

6357. Re: [LDG-auto-tuners] LDG_Z11 Pro Schematic/Parts list

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-07-27 22:01:34 UTC
From: G8UVE
Topic: 6356 Message: 6357

Think you'll find LDG policy is not to make schematics available

If you return it to them I believe they will repair/upgrade it at a nominal cost

Fine if you live where postage/customs both ways doesn't cost more than the repair or replacement

David (UVE)

----- Original Message -----
From: "k2lrv" <lciotti1@...>
To: <LDG-auto-tuners@yahoogroups.com>
Sent: Saturday, July 27, 2013 6:03 PM
Subject: [LDG-auto-tuners] LDG_Z11 Pro Schematic/Parts list

> Does anyone have a schematic for a Z11 Pro PCB version 1.5, firmware 1.3?
> I picked up a non-working one, and the MCU appears to be functioning fine,
> but any attempt to tune or adjust an L or C and all I get is a faint
> audible whine from a relay. I suspect it is U4, but Q1 also seems to have
> a lump in the top of it. With no schematic to go buy it makes
> troubleshooting hard.
>
> I located a replacement U4 already, so if I had atleast a parts list I can
> do more troubleshooting.
>
> Thanks,
>
> Lou
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

6358. Re: LDG_Z11 Pro Schematic/Parts list

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-07-27 17:32:35 UTC
From: Albert Woodhull
Topic: 6356 Message: 6358

I have an original Z-11 (not Pro) - the manual on-line at the LDG website has a schematic for this model, it's possible it may be close enough to help you.

There are other manuals on-line at the LDG site. I looked at manuals for other models, older ones have more technical information than newer ones. The reprint of the QST article describing the original AT-11 (which was apparently sold as a kit) has circuits and explanation of the circuits.

73,

Al Woodhull
Leyden, Massachusetts
413-773-3522
Amateur Radio: N1AW

[Non-text portions of this message have been removed]

6359. Re: Bypass and Ant 2 LED

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-07-28 15:24:54 UTC
From: Randy
Topic: 6249 Message: 6359

I too am having the same issue. I bought a AT-600ProII and have an older AT-200Pro. If these were the same design only with beefed up parts in the why can't the 600ProII tune?

Should have done more research before I bought it. Starting to lose my faith in LDG.

I have since reconnected my Pro-200 and it tunes all bands on my Butternut HF-10V (9V with 160 meter coil).

I bought the Pro 600 since I am trying a 600 Watt amp. Have to keep the amp around 200 watts for now.

my 2 cents worth

73's

Randy, N2RRR

--- In LDG-auto-tuners@yahoogroups.com, "doug pfaff" <doug.pfaff@...> wrote:
>
> Well put I see lots of chatter about this tuner, Iwonder how many people are reading there manuals and also checking out the basicre transmission lines and impedance matching in the ARRL handbook for example.
> Understanding smith charts or using a rf bridge to see what exists at the tx end of the transmission line a MFJ analyzer does not necesssarily tell you everything.
>
> An older ham elmer ham told me over tweny years ago get your antenna and feedline as close to perfect and you will avoid alot of problems.
>
> Refer back to antenna matching theory in the ARRL handbook. maybe some of the teaching instructors are miising this in todays theory during ham calls lectures
>
> By load you need to include the reactive factor where you have a real and reactive components (resistive component then the reactive part eg xl or xc component both of these make up your antenna .
>
> Every persons antenna installation is not likely ideal ,soil resistivity, wet or dry conditions, closeness to grounded object metal or tees for examples.
>
> RF will leak to ground remember the E and I factor in power formulas insulation principals and property of materials used glass vs plastic insulators for example also the materials the manufactures pick in the anntena construction.
>
> Tuner components also have limits in what they can correct to.
>
>
> Doug VE5DCP
>

>
>
>
> ----- Original Message -----
> From: Leonard K. Pennock
> To: LDG-auto-tuners@yahoogroups.com
> Sent: Tuesday, June 18, 2013 9:51 AM
> Subject: Re: [LDG-auto-tuners] Re: Bypass and Ant 2 LED
>
>
>
> You can make any argument you want about smith charts but bottom line is
> tuning range for AT200Pro2, AT600Pro2 and AT1000Pro2 is 6-800 ohms. As
> a consumer you would expect them to tune the same load. Since they
> don't there is a difference and this equates to a consumer dissatisfaction.
>
> On 06/18/2013 08:39 AM, Furliips Stardust wrote:
> > It's not an excuse, it's simple physics.
> > An understanding of transmission line theory and Smith Charts would help you to see
this.
> > Secondly, if an AT-600 was identical to an AT-200 it would have an AT-200 label on the
front.
> >
> > Wide range antenna tuners, especially automatic ones are great, but the common myth
that they
> > will tune up everything from a bed spring to your wife's panties is a misconception.
> >
> > Jeff-1.0
> > wa6fwi
> >
> >
> > _____
> > From: "tccarroll@..." <tccarroll@...>
> >
> >
> >
> >
> > Group...
> >
> > I have talked with the LDG folks the support line and at Dayton and
> > everyone claims that I have to add coax or it tunes different or someother
> > excuse.
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links

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> >
>
> --
> Leonard K. Pennock
> AD7AS
>
> Those who walk bravely through life, unafraid of loss or failure,
> find that they very rarely lose or fail.
>
>
>
>
> [Non-text portions of this message have been removed]
>

6360. Re: Bypass and Ant 2 LED

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-07-29 13:43:07 UTC
From: n8ob
Topic: 6249 Message: 6360

I guess it isn't only me and my setup. My AT-600 is not consistent in tuning my antenna, a G5RV. I also bought the AT-600 in order to use a 500 watt amp. I rehooked up my AT-200 and everything works perfectly. Fast tuning and all. There must be a difference somewhere.

--- In LDG-auto-tuners@yahoogroups.com, "Randy" <n2rrr@...> wrote:
>
>
> I too am having the same issue. I bought a AT-600ProII and have an older AT-200Pro. If these were the same design only with beefed up parts in the why can't the 600ProII tune?
>
> Should have done more research before I bought it. Starting to lose my faith in LDG.
>
> I have since reconnected my Pro-200 and it tunes all bands on my Butternut HF-10V (9V with 160 meter coil).
>
> I bought the Pro 600 since I am trying a 600 Watt amp. Have to keep the amp around 200 watts for now.
>
> my 2 cents worth
>
> 73's
>
> Randy, N2RRR
>
>
> --- In LDG-auto-tuners@yahoogroups.com, "doug pfaff" <doug.pfaff@> wrote:
> >
> > Well put I see lots of chatter about this tuner, Iwonder how many people are reading there manuals and also checking out the basicre transmission lines and impedance matching in the ARRL handbook for example.
> > Understanding smith charts or using a rf bridge to see what exists at the tx end of the transmission line a MFJ analyzer does not necesssarily tell you everything.
> >
> > An older ham elmer ham told me over tweny years ago get your antenna and feedline as close to perfect and you will avoid alot of problems.
> >
> > Refer back to antenna matching theory in the ARRL handbook. maybe some of the teaching instructors are miising this in todays theory during ham calls lectures
> >
> > By load you need to include the reactive factor where you have a real and reactive components (resistive component then the reactive part eg xl or xc component both of these make up your antenna .
> >
> > Every persons antenna installation is not likely ideal ,soil resistivity, wet or dry conditions, closeness to grounded object metal or tees for examples.

> >
> > RF will leak to ground remember the E and I factor in power formulas insulation principals and property of materials used glass vs plastic insulators for example also the materials the manufactures pick in the anntena construction.
> >
> > Tuner components also have limits in what they can correct to.
> >
> >
> > Doug VE5DCP
> >
> >
> >
> >
> > ----- Original Message -----
> > From: Leonard K. Pennock
> > To: LDG-auto-tuners@yahoogroups.com
> > Sent: Tuesday, June 18, 2013 9:51 AM
> > Subject: Re: [LDG-auto-tuners] Re: Bypass and Ant 2 LED
> >
> >
> >
> > You can make any argument you want about smith charts but bottom line is
> > tuning range for AT200Pro2, AT600Pro2 and AT1000Pro2 is 6-800 ohms. As
> > a consumer you would expect them to tune the same load. Since they
> > don't there is a difference and this equates to a consumer dissatisfaction.
> >
> > On 06/18/2013 08:39 AM, Furliips Stardust wrote:
> > > It's not an excuse, it's simple physics.
> > > An understanding of transmission line theory and Smith Charts would help you to see this.
> > > Secondly, if an AT-600 was identical to an AT-200 it would have an AT-200 label on the front.
> > >
> > > Wide range antenna tuners, especially automatic ones are great, but the common myth that they
> > > will tune up everything from a bed spring to your wife's panties is a misconception.
> > >
> > > Jeff-1.0
> > > wa6fwi
> > >
> > >
> > > _____
> > > From: "tccarroll@" <tccarroll@>
> > >
> > >
> > >
> > >
> > > Group...
> > >
> > > I have talked with the LDG folks the support line and at Dayton and

> > > everyone claims that I have to add coax or it tunes different or someother
> > > excuse.
> > >
> > > [Non-text portions of this message have been removed]
> > >
> > >
> > >
> > > ------------------------------------
> > >
> > > Yahoo! Groups Links
> > >
> > >
> > >
> >
> > --
> > Leonard K. Pennock
> > AD7AS
> >
> > Those who walk bravely through life, unafraid of loss or failure,
> > find that they very rarely lose or fail.
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

6361. Re: LDG announces new Remote Tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-07-29 14:15:41 UTC
From: kd2cjj
Topic: 6340 Message: 6361

Give it to me now then!! I cant get myself to buy a MFJ product and the other guy technically doesnt support anything other than long wire antennas.... I want something more versatile (like the MFJ tuner but with quality)

--- In LDG-auto-tuners@yahoogroups.com, Furliips Stardust <grendelair@...> wrote:
>
> Nope, it's a brand new product Dwayne and LDG have been working on.
> Dwayne posted the announcement Monday the 22nd.
>
> Jeff-1.0
> wa6fwi
>
>
>
> _____
> From: kd2cjj <mikelebron@...>
> To: LDG-auto-tuners@yahoogroups.com
> Sent: Friday, July 26, 2013 12:43 PM
> Subject: [LDG-auto-tuners] Re: LDG announces new Remote Tuner
>
>
>
>
> When I look this up on the LDG Web Site it says new or discontinued.... or just an old thread resurrection trying to get my hopes up?
>
> [Non-text portions of this message have been removed]
>

6362. Re: LDG announces new Remote Tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-07-29 14:17:46 UTC
From: kd2cjj
Topic: 6340 Message: 6362

I also noticed it has the remote tune... I LOVE IT!!!!!

When is this coming out?

--- In LDG-auto-tuners@yahoogroups.com, "kd2cjj" <mikelebron@...> wrote:
>
> Give it to me now then!! I cant get myself to buy a MFJ product and the other guy technically doesnt support anything other than long wire antennas.... I want something more versatile (like the MFJ tuner but with quality)
>
> --- In LDG-auto-tuners@yahoogroups.com, Furliips Stardust <grendelair@> wrote:
> >
> > Nope, it's a brand new product Dwayne and LDG have been working on.
> > Dwayne posted the announcement Monday the 22nd.
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> > Jeff-1.0
> > wa6fwi
> >
> >
> >
> > _____
> > From: kd2cjj <mikelebron@>
> > To: LDG-auto-tuners@yahoogroups.com
> > Sent: Friday, July 26, 2013 12:43 PM
> > Subject: [LDG-auto-tuners] Re: LDG announces new Remote Tuner
> >
> >
> >
> >
> > When I look this up on the LDG Web Site it says new or discontinued.... or just an old thread resurrection trying to get my hopes up?
> >
> > [Non-text portions of this message have been removed]
> >
>

6363. Z-100

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-07-29 14:28:37 UTC
From: tomcoleisat
Topic: 539 Message: 6363

having just obtained a second hand Z-100 which worked well for a while it seems to have packed up on me I have tried a reset by removing the power supply and then reconnecting but no leds light up or noise from the relays , any thoughts would be helpful
regards Tom

6364. Re: LDG announces new Remote Tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-07-29 18:39:48 UTC
From: brad_ka3yan
Topic: 6340 Message: 6364

Dwayne,

I'm very excited about the remote tuner!! I hope to see an RT-600 and RT-1000 in the lineup also. The reliability of the MFJ tuners and cost of the SGC tuners keep me away. I currently have three LDG tuners (AT-100ProII, AT-600Pro, and Z-11ProII) and I haven't seen a better product for the price.

I've been patiently hoping for a remote tuner from LDG, so this is really good news!

73,
Brad KA3YAN

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
> This is some trial runs of the the new RT-100 remote tuner. This is all the info we have at the moment and will formally update the LDG web site in a few weeks. A delivery date is not yet scheduled. The price is about $200.
>
> http://westmorelandhamradio.weebly.com/check-out-the-new-ldg-tuner.html
>
> Dwayne Kincaid
> LDG
>

6365. Re: G5RV impedance at various freqauency bands

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-07-29 19:36:58 UTC
From: brad_ka3yan
Topic: 6236 Message: 6365

Just a follow-up in case someone else goes to search for this article... it is March 1994 issue, and not the May 1994.

73,
Brad KA3YAN

--- In LDG-auto-tuners@yahoogroups.com, Hank Greeb <n8xx@...> wrote:
>
> Jeff:
>
> Oh? Have you read QST, May 1994, page 34 ff? It's a theoretical and
> practical analysis of the G5RV
>
> This explains why I've never had much luck with a 102' G5RV on 80 meters.
>
> I rest my case.
>
> 72/73 de n8x Hg
> QRP >99.44% of the time.
>
> p.s. I know the definition of a center fed resonant dipole, and that
> G5RV is a specific version of a dipole. The originator of the antenna
> designed it for 20 meters, NOT as a multi-band antenna.
>
> On 5/28/2013 10:08 PM, Furliips Stardust wrote:
> > <snip>
> >
> > Thirdly, If you're using 450 ohm coax, use a 9:1 balun. 450/9=50. There's NO reason to add fixed SWR issues to the feed line.
> >
> > Jeff-1.0
> > wa6fwi
>
>
>
> [Non-text portions of this message have been removed]
>

6366. Re: [LDG-auto-tuners] Re: G5RV impedance at various freqauency bands

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-07-29 21:13:17 UTC
From: Hank Greeb
Topic: 6236 Message: 6366

Brad:

Thanks for straightening me out!

Wow! This brings back memories. I beg indulgence for misdirecting people to May 1994, and trust they had enough smarts to check for G5RV for the entire year of 1994 when May 1994 came up with zilch.

This again reminds me that the advice of my pappy (then W?HZP, now sk) to use 135' or so flat top length and 450 ohm (nominal) feed line works like a charm, especially after experimentally determining the best length for the easiest matching on all bands.

And, it reminds me why I had such a $#%^%&# time on 80 meters when I borrowed a station to use during the CQ WPX CW contest and the felllow had a G5RV fed with a random length of 50 ohm coax for use on 80 and 40 meters. Best I could do with the LDG Z-100 was about SWR=3, which didn't bother me, because my rig was rated at 100 watts out and I had turned it down to 5 watts, but.....

And, why one of my friends was having such a $#%^%&# time getting the antenna to work (on 80/75 meters, in particular) until he "tamed it" with 70+ feet of (rather lossy) RG-58u. The losses in the coax caused the rig to look at some impedance which was "reasonable" for his matching device.

My best wishes to those who actually find that a 102' flat top antenna, fed with a specific length of 450 ohm balanced line, and fed directly with 50 ohm coax (without a device to minimize currents on the outside of the outer conductor) is the best thing since sliced bread. One of these daze I'll run across one of you and you can tell me how you are overcoming several laws of physics.

72/73 de n8xx Hg
QRP >99.44% of the time

p.s. You probably can determine that this type of antenna is NOT my favorite.

On 7/29/2013 3:36 PM, brad_ka3yan wrote:
> Just a follow-up in case someone else goes to search for this article... it is March 1994 issue, and not the May 1994.
>
> 73,
> Brad KA3YAN

6367. S9V31 Replacement screws

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-07-30 09:51:55 UTC
From: k2lrv
Topic: 6367 Message: 6367

What size are the screws used on the original S9V31. I misplaced the bag of them.

6368. IC-7100 Compatibility

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-07-30 18:04:07 UTC
From: Dwayne
Topic: 6368 Message: 6368

We've finished the compatibility tests with the IC-7100 and found all current LDG tuners work correctly. The IC-7100 seems to be just like the other recent AH-4 compatible radios from Icom (7000, 7200, 7600, etc).

Dwayne Kincaid
LDG

6369. Re: [LDG-auto-tuners] Re: Bypass and Ant 2 LED

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-07-30 21:24:48 UTC
From: tccarroll@...
Topic: 6249 Message: 6369

Group.....

I have the same results as Randy N2RRR. Pro200II works great, Pro600II retunes everytime and comes up with different each time. Cant use new amp until solution is found.

Tom Carroll, W9CSX

In a message dated 7/28/2013 4:14:24 P.M. US Eastern Daylight Time, n2rrr@...t writes:

I too am having the same issue. I bought a AT-600ProII and have an older AT-200Pro. If these were the same design only with beefed up parts in the why can't the 600ProII tune?

Should have done more research before I bought it. Starting to lose my faith in LDG.

I have since reconnected my Pro-200 and it tunes all bands on my Butternut HF-10V (9V with 160 meter coil).

I bought the Pro 600 since I am trying a 600 Watt amp. Have to keep the amp around 200 watts for now.

my 2 cents worth

73's

Randy, N2RRR

--- In _LDG-auto-tuners@yahoogroups.com_ (mailto:LDG-auto-tuners@yahoogroups.com) , "doug pfaff" <doug.pfaff@...> wrote:
>
> Well put I see lots of chatter about this tuner, Iwonder how many people are reading there manuals and also checking out the basicre transmission lines and impedance matching in the ARRL handbook for example.
> Understanding smith charts or using a rf bridge to see what exists at the tx end of the transmission line a MFJ analyzer does not necesssarily tell you everything.
>
> An older ham elmer ham told me over tweny years ago get your antenna and feedline as close to perfect and you will avoid alot of problems.
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> Refer back to antenna matching theory in the ARRL handbook. maybe some of the teaching instructors are miising this in todays theory during ham calls lectures
>
> By load you need to include the reactive factor where you have a real

and reactive components (resistive component then the reactive part eg xl or xc component both of these make up your antenna .
>
> Every persons antenna installation is not likely ideal ,soil resistivity, wet or dry conditions, closeness to grounded object metal or tees for examples.
>
> RF will leak to ground remember the E and I factor in power formulas insulation principals and property of materials used glass vs plastic insulators for example also the materials the manufactures pick in the anntena construction.
>
> Tuner components also have limits in what they can correct to.
>
>
> Doug VE5DCP
>
>
>
>
> ----- Original Message -----
> From: Leonard K. Pennock
> To: _LDG-auto-tuners@yahoogroups.com_ (mailto:LDG-auto-tuners@yahoogroups.com)
> Sent: Tuesday, June 18, 2013 9:51 AM
> Subject: Re: [LDG-auto-tuners] Re: Bypass and Ant 2 LED
>
>
>
> You can make any argument you want about smith charts but bottom line is

> tuning range for AT200Pro2, AT600Pro2 and AT1000Pro2 is 6-800 ohms. As
> a consumer you would expect them to tune the same load. Since they
> don't there is a difference and this equates to a consumer dissatisfaction.
>
> On 06/18/2013 08:39 AM, Furliips Stardust wrote:
> > It's not an excuse, it's simple physics.
> > An understanding of transmission line theory and Smith Charts would help you to see this.
> > Secondly, if an AT-600 was identical to an AT-200 it would have an AT-200 label on the front.
> >
> > Wide range antenna tuners, especially automatic ones are great, but the common myth that they
> > will tune up everything from a bed spring to your wife's panties is a misconception.
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> > Jeff-1.0
> > wa6fwi

> >
> >
> > _____
> > From: "tccarroll@..." <tccarroll@...>
> >
> >
> >
> >
> > Group...
> >
> > I have talked with the LDG folks the support line and at Dayton and
> > everyone claims that I have to add coax or it tunes different or
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> > excuse.
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
> > ---
> >
> > Yahoo! Groups Links
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> >
> >
>
> --
> Leonard K. Pennock
> AD7AS
>
> Those who walk bravely through life, unafraid of loss or failure,
> find that they very rarely lose or fail.
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

6370. Re: IC-7100 Compatibility

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-07-31 02:18:02 UTC
From: Dwayne
Topic: 6368 Message: 6370

Oops, meant to say that it worked with all current tuners except the Z-11ProII. We're looking to see why there is a difference there.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
> We've finished the compatibility tests with the IC-7100 and found all current LDG tuners work correctly. The IC-7100 seems to be just like the other recent AH-4 compatible radios from Icom (7000, 7200, 7600, etc).
>
> Dwayne Kincaid
> LDG
>

6371. Re: Bypass and Ant 2 LED

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-07-31 12:13:16 UTC
From: VernCoc
Topic: 6249 Message: 6371

I'm also having this problem. LDG tech told me it was a grounding problem. I never did manage to get it to work with my amplifier. Was using a 100Pro befor the amplifier was added with no problems. I ended up buying a Palstar AT2K. Even though its not automatic, it's very easy to use and tune.

Vern WA4VLC

--- In LDG-auto-tuners@yahoogroups.com, tccarroll@... wrote:
>
> Group.....
>
> I have the same results as Randy N2RRR. Pro200II works great, Pro600II
> retunes everytime and comes up with different each time. Cant use new amp
> until solution is found.
>
> Tom Carroll, W9CSX
>
>
> In a message dated 7/28/2013 4:14:24 P.M. US Eastern Daylight Time,
> n2rrr@... writes:
>
>
>
>
>
> I too am having the same issue. I bought a AT-600ProII and have an older
> AT-200Pro. If these were the same design only with beefed up parts in the
> why can't the 600ProII tune?
>
> Should have done more research before I bought it. Starting to lose my
> faith in LDG.
>
> I have since reconnected my Pro-200 and it tunes all bands on my Butternut
> HF-10V (9V with 160 meter coil).
>
> I bought the Pro 600 since I am trying a 600 Watt amp. Have to keep the
> amp around 200 watts for now.
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> my 2 cents worth
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> 73's
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> Randy, N2RRR
>
> --- In _LDG-auto-tuners@yahoogroups.com_

> (mailto:LDG-auto-tuners@yahoogroups.com) , "doug pfaff" <doug.pfaff@> wrote:
> >
> > Well put I see lots of chatter about this tuner, Iwonder how many people
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> > An older ham elmer ham told me over tweny years ago get your antenna and
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> > By load you need to include the reactive factor where you have a real
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> xc component both of these make up your antenna .
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> > Every persons antenna installation is not likely ideal ,soil
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> examples.
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> > RF will leak to ground remember the E and I factor in power formulas
> insulation principals and property of materials used glass vs plastic
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> > Doug VE5DCP
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> > ----- Original Message -----
> > From: Leonard K. Pennock
> > To: _LDG-auto-tuners@yahoogroups.com_
> (mailto:LDG-auto-tuners@yahoogroups.com)
> > Sent: Tuesday, June 18, 2013 9:51 AM
> > Subject: Re: [LDG-auto-tuners] Re: Bypass and Ant 2 LED
> >
> >
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> > You can make any argument you want about smith charts but bottom line is
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> > > From: "tccarroll@" <tccarroll@>
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6372. Re: Bypass and Ant 2 LED

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-08-01 12:56:50 UTC
From: traburgess1945
Topic: 6249 Message: 6372

I use an LDG AT-600Pro with an AL-811. By chance,(dumb luck) I found that the tuner is much happier if I put the amp on standby and tune with 10 watts or so when I change bands. It then behaves much more nicely when I change frequencies within a band.

Travis
K5HTB

--- In LDG-auto-tuners@yahoogroups.com, "VernCoc" <verncoc@...> wrote:
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> I'm also having this problem. LDG tech told me it was a grounding problem. I never did manage to get it to work with my amplifier. Was using a 100Pro befor the amplifier was added with no problems. I ended up buying a Palstar AT2K. Even though its not automatic, it's very easy to use and tune.
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> Vern WA4VLC
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> > I have the same results as Randy N2RRR. Pro200II works great, Pro600II
> > retunes everytime and comes up with different each time. Cant use new amp
> > until solution is found.
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> > Tom Carroll, W9CSX
> >
> >
> > In a message dated 7/28/2013 4:14:24 P.M. US Eastern Daylight Time,
> > n2rrr@ writes:
> >
> >
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> > I too am having the same issue. I bought a AT-600ProII and have an older
> > AT-200Pro. If these were the same design only with beefed up parts in the
> > why can't the 600ProII tune?
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> > Should have done more research before I bought it. Starting to lose my
> > faith in LDG.
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> > I have since reconnected my Pro-200 and it tunes all bands on my Butternut
> > HF-10V (9V with 160 meter coil).

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> > > From: Leonard K. Pennock

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> > (mailto:LDG-auto-tuners@yahoogroups.com)
> > > Sent: Tuesday, June 18, 2013 9:51 AM
> > > Subject: Re: [LDG-auto-tuners] Re: Bypass and Ant 2 LED
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>

6373. Re: [LDG-auto-tuners] Re: Bypass and Ant 2 LED

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-08-01 13:39:46 UTC
From: Mike Morrow, W3QT
Topic: 6249 Message: 6373

From Page 3 of the AT600 PRO manual (or, no "dumb luck" needed)

Operating instructions (minimal for those who don't read the manual)
Step#:
5. Bypass the amplifier.
8. When the tuning cycle completes, activate the amplifier, and you're ready to operate!
Note: With the amplifier active, it is suggested to place the AT-600ProII in semi-automatic tuning mode to avoid re-tuning at high power levels.

Mike, W3QT

On 2013-08-01 12:56, traburgess1945 wrote:
>
>
> I use an LDG AT-600Pro with an AL-811. By chance,(dumb luck) I found
> that the tuner is much happier if I put the amp on standby and tune
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> Travis
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> > > In a message dated 7/28/2013 4:14:24 P.M. US Eastern Daylight Time,
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> > > > ----- Original Message -----
> > > > From: Leonard K. Pennock
> > > > To: _LDG-auto-tuners@yahoogroups.com
> <mailto:_LDG-auto-tuners%40yahoogroups.com>_
> > > (mailto:LDG-auto-tuners@yahoogroups.com
> <mailto:LDG-auto-tuners%40yahoogroups.com>)
> > > > Sent: Tuesday, June 18, 2013 9:51 AM
> > > > Subject: Re: [LDG-auto-tuners] Re: Bypass and Ant 2 LED
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6374. Re: [LDG-auto-tuners] Re: Bypass and Ant 2 LED

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-08-01 16:45:28 UTC
From: Jimmy (WB8NBI)
Topic: 6249 Message: 6374

If you check the manual of the AT600 it tells you to do it that way.

DE Jimmy (WB8NBI)

From: traburgess1945
Sent: Thursday, August 01, 2013 8:56 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: Bypass and Ant 2 LED

I use an LDG AT-600Pro with an AL-811. By chance,(dumb luck) I found that the tuner is much happier if I put the amp on standby and tune with 10 watts or so when I change bands. It then behaves much more nicely when I change frequencies within a band.

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> > > From: Leonard K. Pennock
> > > To: mailto:_LDG-auto-tuners%40yahoogroups.com_
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[Non-text portions of this message have been removed]

6375. Re: Bypass and Ant 2 LED

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-08-01 23:27:11 UTC
From: n7mch
Topic: 6249 Message: 6375

I have an AT-100 Pro II and have never been able to get it to work. Tried using both the LDG 4:1 and 1:1 Baluns with no luck. I was also told it was a grounding problem so I added more ground rods, tied them together and still no luck.

I have an old G5RV that the auto tuner in my Kenwood TS-440 tunes up but the LDG will not.

Right now the LDG tuner is a paper weight in my shack until I decide what I am finally going to do with it.

I understand your problem.

73 de N7MCH Walt

--- In LDG-auto-tuners@...m, "VernCoc" <verncoc@...> wrote:
>
>
> I'm also having this problem. LDG tech told me it was a grounding problem. I never did manage to get it to work with my amplifier. Was using a 100Pro befor the amplifier was added with no problems. I ended up buying a Palstar AT2K. Even though its not automatic, it's very easy to use and tune.
>
> Vern WA4VLC
>
> --- In LDG-auto-tuners@yahoogroups.com, tccarroll@ wrote:
> >
> > Group.....
> >
> > I have the same results as Randy N2RRR. Pro200II works great, Pro600II
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> >
> >
> > In a message dated 7/28/2013 4:14:24 P.M. US Eastern Daylight Time,
> > n2rrr@ writes:
> >
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> > > Doug VE5DCP
> > >
> > >

> > >
> > >
> > > ----- Original Message -----
> > > From: Leonard K. Pennock
> > > To: _LDG-auto-tuners@yahoogroups.com_
> > (mailto:LDG-auto-tuners@yahoogroups.com)
> > > Sent: Tuesday, June 18, 2013 9:51 AM
> > > Subject: Re: [LDG-auto-tuners] Re: Bypass and Ant 2 LED
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> > >
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> > > On 06/18/2013 08:39 AM, Furliips Stardust wrote:
> > > > It's not an excuse, it's simple physics.
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6376. Re: [LDG-auto-tuners] Re: Bypass and Ant 2 LED

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-08-01 23:56:56 UTC
From: N2CKH
Topic: 6249 Message: 6376

Hi Walt,

You can likely eliminate the issue with two steps:

1. Use as really heavy ground braid that is as
wide or wider than the wing nut (see page 8 in
the following .PDF document
http://www.n2ckh.com/MARS_ALE_FORUM/AT200PC.pdf)
and thick from the ATU directly to the closest
station ground rod or bus if the bus so heavily
grounded. I use braid by Electric Motion Co. Inc.
(EMC) of Connecticut, their part number EM2051
Ultrabond #6, W/WEB
(http://www.electricmotioncompany.com/emc.php?type=bonding&sub=Ultrabond)
which is UL listed and available in 25 foot rolls
and larger. This cable has a safety shock
covering and press fit eyelets the length of the
cable which make attaching to surge suppressors,
grounding studs etc. real nice and secure, a
little ☐Penetrox A ☐ on all connections and
proper maintenance, your antenna will perform flawlessly for a very longtime.

2. Wrap 6 or more turns of the coax cable from
the antenna or jumper cable from the switch box
connecting to the ATU antenna in port around a
large Amidon type 77 core and secure the cable to
the core with nylon ties for a common mode choke.

In the past I used what is today called a G5RV
antenna years ago, most commercial brands do a
very poor job to an awful job of decoupling the
coax and then too the coax commercial units use
is often made with a poor braid. I had issues
with them and my tuners as well, the above two
steps made the issues go away. As a matter of
fact each and every MARS member where with ALE a
lot of use of automatic tuners are made, that has
told me of similar issues that have followed
those two steps eliminated their problem with various broadband antenna types.

73

/s/ Steve, N2CKH

At 07:27 PM 8/1/2013, you wrote:
>

>
>I have an AT-100 Pro II and have never been able
>to get it to work. Tried using both the LDG 4:1
>and 1:1 Baluns with no luck. I was also told it
>was a grounding problem so I added more ground
>rods, tied them together and still no luck.
>
>I have an old G5RV that the auto tuner in my
>Kenwood TS-440 tunes up but the LDG will not.
>
>Right now the LDG tuner is a paper weight in my
>shack until I decide what I am finally going to do with it.
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>I understand your problem.
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> > > > To:
> <mailto:_LDG-auto-tuners%40yahoogroups.com>_LDG-auto-tuners@yahoogroups.com_
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6377. Re: Bypass and Ant 2 LED

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-08-02 12:39:05 UTC
From: traburgess1945
Topic: 6249 Message: 6377

True. I am one of those folks who can read a manual and a couple of days later, the info is gone. However, when I "discover" something, it usually sticks. That "discovery" is probably the information retrieval from reading finally kicking in. ;)

Travis
K5HTB

--- In LDG-auto-tuners@yahoogroups.com, "Mike Morrow, W3QT" <w3qt@...> wrote:
>
> From Page 3 of the AT600 PRO manual (or, no "dumb luck" needed)
>
> Operating instructions (minimal for those who don't read the manual)
> Step#:
> 5. Bypass the amplifier.
> 8. When the tuning cycle completes, activate the amplifier, and you're
> ready to operate!
> Note: With the amplifier active, it is suggested to place the
> AT-600ProII in semi-automatic tuning mode to avoid re-tuning at high
> power levels.
>
> Mike, W3QT
>
>
>
> On 2013-08-01 12:56, traburgess1945 wrote:
> >
> >
> > I use an LDG AT-600Pro with an AL-811. By chance,(dumb luck) I found
> > that the tuner is much happier if I put the amp on standby and tune
> > with 10 watts or so when I change bands. It then behaves much more
> > nicely when I change frequencies within a band.
> >
> > Travis
> > K5HTB
> >
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6378. Re: [LDG-auto-tuners] Re: Bypass and Ant 2 LED

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-08-02 14:00:03 UTC
From: Mike Morrow, W3QT
Topic: 6249 Message: 6378

Travis, I'm glad your problem is solved. "Discovery" learning can be a good thing, but in ham radio it can also be expensive or even fatal. Those manual instructions could read like this: "NEVER apply drive to an amp without first checking the antenna's SWR." Applying power with a high SWR stresses the amp and tuner and is a good way to damage/destroy both, not to mention the unnecessary QRM. If you run an amp through a manual tuner before attending to the SWR issues you run the risk of getting an arc light show and/or pitted/burned tuning caps in the tuner, not to mention the potential for damage to the amp's tank circuit. Solid state gear runs the same risks of damage which is the reason for load fault circuits, etc. It's about voltages.

Sounds like we have some of the same experiences with manuals and learning. I keep mine by the new gear until I've "learned", which sometimes takes a while!!! If only the modern gear were as simple as my Viking Adventurer back in my Novice days!!!

Anyway, glad you got it working. I hope to meet you on the air sometime.

Mike, W3QT

On 2013-08-02 12:39, traburgess1945 wrote:
>
> True. I am one of those folks who can read a manual and a couple of
> days later, the info is gone. However, when I "discover" something, it
> usually sticks. That "discovery" is probably the information retrieval
> from reading finally kicking in. ;)
>
> Travis
> K5HTB
>
> --- In LDG-auto-tuners@yahoogroups.com
> <mailto:LDG-auto-tuners%40yahoogroups.com>, "Mike Morrow, W3QT"
> <w3qt@...> wrote:
> >
> > From Page 3 of the AT600 PRO manual (or, no "dumb luck" needed)
> >
> > Operating instructions (minimal for those who don't read the manual)
> > Step#:
> > 5. Bypass the amplifier.
> > 8. When the tuning cycle completes, activate the amplifier, and you're
> > ready to operate!
> > Note: With the amplifier active, it is suggested to place the
> > AT-600ProII in semi-automatic tuning mode to avoid re-tuning at high
> > power levels.
> >

> > Mike, W3QT
> >
> >
> >
> > On 2013-08-01 12:56, traburgess1945 wrote:
> > >
> > >
> > > I use an LDG AT-600Pro with an AL-811. By chance,(dumb luck) I found
> > > that the tuner is much happier if I put the amp on standby and tune
> > > with 10 watts or so when I change bands. It then behaves much more
> > > nicely when I change frequencies within a band.
> > >
> > > Travis
> > > K5HTB
> > >
> > > ----------
> > > --- In LDG-auto-tuners@yahoogroups.com
> <mailto:LDG-auto-tuners%40yahoogroups.com>
> > > <mailto:LDG-auto-tuners%40yahoogroups.com>, "VernCoc" <verncoc@>
> wrote:
> > > >
> > > >
> > > > I'm also having this problem. LDG tech told me it was a grounding
> > > problem. I never did manage to get it to work with my amplifier. Was
> > > using a 100Pro befor the amplifier was added with no problems. I
> ended
> > > up buying a Palstar AT2K. Even though its not automatic, it's very
> > > easy to use and tune.
> > > >
> > > > Vern WA4VLC
> > > >
> > > > --- In LDG-auto-tuners@yahoogroups.com
> <mailto:LDG-auto-tuners%40yahoogroups.com>
> > > <mailto:LDG-auto-tuners%40yahoogroups.com>, tccarroll@ wrote:
> > > > >
> > > > > Group.....
> > > > >
> > > > > I have the same results as Randy N2RRR. Pro200II works great,
> > > Pro600II
> > > > > retunes everytime and comes up with different each time. Cant use
> > > new amp
> > > > > until solution is found.
> > > > >
> > > > > Tom Carroll, W9CSX
> > > > >
> > > > >
> > > > > In a message dated 7/28/2013 4:14:24 P.M. US Eastern Daylight
> Time,
> > > > > n2rrr@ writes:
> > > > >

> > > > >
> > > > >
> > > > >
> > > > >
> > > > > I too am having the same issue. I bought a AT-600ProII and
> have an
> > > older
> > > > > AT-200Pro. If these were the same design only with beefed up
> parts
> > > in the
> > > > > why can't the 600ProII tune?
> > > > >
> > > > > Should have done more research before I bought it. Starting to
> > > lose my
> > > > > faith in LDG.
> > > > >
> > > > > I have since reconnected my Pro-200 and it tunes all bands on my
> > > Butternut
> > > > > HF-10V (9V with 160 meter coil).
> > > > >
> > > > > I bought the Pro 600 since I am trying a 600 Watt amp. Have to
> > > keep the
> > > > > amp around 200 watts for now.
> > > > >
> > > > > my 2 cents worth
> > > > >
> > > > > 73's
> > > > >
> > > > > Randy, N2RRR
> > > > >
> > > > > --- In _LDG-auto-tuners@yahoogroups.com
> <mailto:_LDG-auto-tuners%40yahoogroups.com>
> > > <mailto:_LDG-auto-tuners%40yahoogroups.com>_
> > > > > (mailto:LDG-auto-tuners@yahoogroups.com
> <mailto:LDG-auto-tuners%40yahoogroups.com>
> > > <mailto:LDG-auto-tuners%40yahoogroups.com>) , "doug pfaff"
> > > <doug.pfaff@> wrote:
> > > > > >
> > > > > > Well put I see lots of chatter about this tuner, Iwonder how
> > > many people
> > > > > are reading there manuals and also checking out the basicre
> > > transmission
> > > > > lines and impedance matching in the ARRL handbook for example.
> > > > > > Understanding smith charts or using a rf bridge to see what
> > > exists at
> > > > > the tx end of the transmission line a MFJ analyzer does not
> > > necesssarily tell
> > > > > you everything.
> > > > > >
> > > > > > An older ham elmer ham told me over tweny years ago get your

> > > antenna and
> > > > > feedline as close to perfect and you will avoid alot of problems.
> > > > > >
> > > > > > Refer back to antenna matching theory in the ARRL handbook.
> > > maybe some
> > > > > of the teaching instructors are miising this in todays theory
> > > during ham
> > > > > calls lectures
> > > > > >
> > > > > > By load you need to include the reactive factor where you
> have a
> > > real
> > > > > and reactive components (resistive component then the reactive
> > > part eg xl or
> > > > > xc component both of these make up your antenna .
> > > > > >
> > > > > > Every persons antenna installation is not likely ideal ,soil
> > > > > resistivity, wet or dry conditions, closeness to grounded object
> > > metal or tees for
> > > > > examples.
> > > > > >
> > > > > > RF will leak to ground remember the E and I factor in power
> > > formulas
> > > > > insulation principals and property of materials used glass vs
> plastic
> > > > > insulators for example also the materials the manufactures
> pick in
> > > the anntena
> > > > > construction.
> > > > > >
> > > > > > Tuner components also have limits in what they can correct to.
> > > > > >
> > > > > >
> > > > > > Doug VE5DCP
> > > > > >
> > > > > >
> > > > > >
> > > > > >
> > > > > > ----- Original Message -----
> > > > > > From: Leonard K. Pennock
> > > > > > To: _LDG-auto-tuners@yahoogroups.com
> <mailto:_LDG-auto-tuners%40yahoogroups.com>
> > > <mailto:_LDG-auto-tuners%40yahoogroups.com>_
> > > > > (mailto:LDG-auto-tuners@yahoogroups.com
> <mailto:LDG-auto-tuners%40yahoogroups.com>
> > > <mailto:LDG-auto-tuners%40yahoogroups.com>)
> > > > > > Sent: Tuesday, June 18, 2013 9:51 AM
> > > > > > Subject: Re: [LDG-auto-tuners] Re: Bypass and Ant 2 LED
> > > > > >
> > > > > >

> > > > > >
> > > > > > > You can make any argument you want about smith charts but
> bottom
> > > line is
> > > > > >
> > > > > > > tuning range for AT200Pro2, AT600Pro2 and AT1000Pro2 is 6-800
> > > ohms. As
> > > > > > > a consumer you would expect them to tune the same load.
> Since they
> > > > > > > don't there is a difference and this equates to a consumer
> > > > > > dissatisfaction.
> > > > > > >
> > > > > > > On 06/18/2013 08:39 AM, Furliips Stardust wrote:
> > > > > > > > It's not an excuse, it's simple physics.
> > > > > > > > An understanding of transmission line theory and Smith Charts
> > > would
> > > > > > help you to see this.
> > > > > > > > Secondly, if an AT-600 was identical to an AT-200 it would
> > > have an
> > > > > > AT-200 label on the front.
> > > > > > > > >
> > > > > > > > Wide range antenna tuners, especially automatic ones are
> > > great, but
> > > > > > the common myth that they
> > > > > > > > will tune up everything from a bed spring to your wife's
> > > panties is a
> > > > > > misconception.
> > > > > > > > >
> > > > > > > > Jeff-1.0
> > > > > > > > wa6fwi
> > > > > > > > >
> > > > > > > > >
> > > > > > > > _____
> > > > > > > > From: "tccarroll@" <tccarroll@>
> > > > > > > > >
> > > > > > > > >
> > > > > > > > >
> > > > > > > > >
> > > > > > > > Group...
> > > > > > > > >
> > > > > > > > I have talked with the LDG folks the support line and at
> > > Dayton and
> > > > > > everyone claims that I have to add coax or it tunes
> different or
> > > > > > someother
> > > > > > > > excuse.
> > > > > > > > >
> > > > > > > > [Non-text portions of this message have been removed]
> > > > > > > > >
> > > > > > > >

> > > > > > >
> > > > > > > > ------------------------------------
> > > > > > > >
> > > > > > > > Yahoo! Groups Links
> > > > > > > >
> > > > > > > >
> > > > > > > >
> > > > > > >
> > > > > > > --
> > > > > > > Leonard K. Pennock
> > > > > > > AD7AS
> > > > > > >
> > > > > > > Those who walk bravely through life, unafraid of loss or
> failure,
> > > > > > > find that they very rarely lose or fail.
> > > > > > >
> > > > > > >
> > > > > > >
> > > > > > >
> > > > > > > [Non-text portions of this message have been removed]
> > > > > > >
> > > > > >
> > > > > >
> > > > > >
> > > > > >
> > > > > >
> > > > > >
> > > > > > [Non-text portions of this message have been removed]
> > > > > >
> > > > >
> > > > >
> > > >
> > > >
> > >
> > >
> > > [Non-text portions of this message have been removed]
> >
>
>

[Non-text portions of this message have been removed]

6379. Re: Bypass and Ant 2 LED

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-08-03 14:47:14 UTC
From: traburgess1945
Topic: 6249 Message: 6379

My radio that I use on the amp most of the time is a TS-480sat. I have the PF button set for a 10 watt, CW tuning tone.
I have experimented with a Flex-1500 and FT-817nd with the amp.
Output with five watts drive is about 60 watts.
For the Flex, I had to get a DB-9 cable to make the amp keying cable. (according to instructions from the Flex Folks).
LFH tuners I use are Z-817, Z-11 ProII, and AT-600Pro. Also recently acquired a Dentron Super-Tuner.
By the way, I keep pdf copies of the manuals on my desk-top and open the one for the AL-811 whenever I use it.

Travis
K5HTB

--- In LDG-auto-tuners@yahoogroups.com, "Mike Morrow, W3QT" <w3qt@...> wrote:
>
> Travis, I'm glad your problem is solved. "Discovery" learning can be a
> good thing, but in ham radio it can also be expensive or even fatal.
> Those manual instructions could read like this: "NEVER apply drive to
> an amp without first checking the antenna's SWR." Applying power with a
> high SWR stresses the amp and tuner and is a good way to damage/destroy
> both, not to mention the unnecessary QRM. If you run an amp through a
> manual tuner before attending to the SWR issues you run the risk of
> getting an arc light show and/or pitted/burned tuning caps in the tuner,
> not to mention the potential for damage to the amp's tank circuit.
> Solid state gear runs the same risks of damage which is the reason for
> load fault circuits, etc. It's about voltages.
>
> Sounds like we have some of the same experiences with manuals and
> learning. I keep mine by the new gear until I've "learned", which
> sometimes takes a while!!! If only the modern gear were as simple as my
> Viking Adventurer back in my Novice days!!!
>
> Anyway, glad you got it working. I hope to meet you on the air sometime.
>
> Mike, W3QT
>
>
> On 2013-08-02 12:39, traburgess1945 wrote:
> >
> > True. I am one of those folks who can read a manual and a couple of
> > days later, the info is gone. However, when I "discover" something, it
> > usually sticks. That "discovery" is probably the information retrieval
> > from reading finally kicking in. ;)

> >
> > Travis
> > K5HTB
> >
> > --- In LDG-auto-tuners@yahoogroups.com
>

6380. Re: Bypass and Ant 2 LED

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-08-03 18:11:52 UTC
From: n7mch
Topic: 6249 Message: 6380

Thanks Steve. I have implemented #1 already and saw some improvement but will try #2.

I have a FT-897 and TS-440. I would like to dedicate my 440 to 40m nets and bought the AT-100 for that purpose. I would really like to realize my intention and hope this will help.

I will let you know.

73 de N7MCH Walt

--- In LDG-auto-tuners@yahoogroups.com, N2CKH <n2ckh@...> wrote:
>
>
> Hi Walt,
>
> You can likely eliminate the issue with two steps:
>
> 1. Use as really heavy ground braid that is as
> wide or wider than the wing nut (see page 8 in
> the following .PDF document
> http://www.n2ckh.com/MARS_ALE_FORUM/AT200PC.pdf)
> and thick from the ATU directly to the closest
> station ground rod or bus if the bus so heavily
> grounded. I use braid by Electric Motion Co. Inc.
> (EMC) of Connecticut, their part number EM2051
> Ultrabond #6, W/WEB
> (http://www.electricmotioncompany.com/emc.php?type=bonding&sub=Ultrabond)
> which is UL listed and available in 25 foot rolls
> and larger. This cable has a safety shock
> covering and press fit eyelets the length of the
> cable which make attaching to surge suppressors,
> grounding studs etc. real nice and secure, a
> little "Penetrox A " on all connections and
> proper maintenance, your antenna will perform flawlessly for a very longtime.
>
> 2. Wrap 6 or more turns of the coax cable from
> the antenna or jumper cable from the switch box
> connecting to the ATU antenna in port around a
> large Amidon type 77 core and secure the cable to
> the core with nylon ties for a common mode choke.
>
> In the past I used what is today called a G5RV
> antenna years ago, most commercial brands do a
> very poor job to an awful job of decoupling the
> coax and then too the coax commercial units use
> is often made with a poor braid. I had issues

> with them and my tuners as well, the above two
> steps made the issues go away. As a matter of
> fact each and every MARS member where with ALE a
> lot of use of automatic tuners are made, that has
> told me of similar issues that have followed
> those two steps eliminated their problem with various broadband antenna types.
>
> 73
>
> /s/ Steve, N2CKH
>
> At 07:27 PM 8/1/2013, you wrote:
> >
> >
> >I have an AT-100 Pro II and have never been able
> >to get it to work. Tried using both the LDG 4:1
> >and 1:1 Baluns with no luck. I was also told it
> >was a grounding problem so I added more ground
> >rods, tied them together and still no luck.
> >
> >I have an old G5RV that the auto tuner in my
> >Kenwood TS-440 tunes up but the LDG will not.
> >
> >Right now the LDG tuner is a paper weight in my
> >shack until I decide what I am finally going to do with it.
> >
> >I understand your problem.
> >
> >73 de N7MCH Walt
> >

6381. Question about different models

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-08-05 17:33:13 UTC
From: kd2cjj
Topic: 6381 Message: 6381

Today I have a AT 100 PRO II... It tunes my mini beam perfectly.. (for the portions of the bands that are not resonant)..

I am considering adding an amp thus need a tuner that can handle more power.

I see when I look at the tuner comparison table that the AT 1000 PRO II has a narrower range of impedance matching. Should I be concerned that I may not be able to tune my antenna anymore? Do you have any advice in what research I can do to ensure that the tuner can handle the tune?

Current at the ends of 20 meter band(CW and Digigal) its as high as a 9:1... the current tuner tunes to a 1:1 within a second or two... (in the ssb portion its below a 3:1; and within the General portion of SSB its below a 2:1)

Thanks for the advice...

6382. IT 100 with IC7100

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-08-06 01:30:44 UTC
From: kk9w_9
Topic: 6382 Message: 6382

I have a new Icom IC 7100 and a IT 100 tuner. When I hit the tune key on the radio the tuner starts then it will stop and give me 5 flashes. The radio does not switch to CW like the instructions say it is supposed to.

What am I missing???

Steve . . . KK9W

6383. Re: IT 100 with IC7100

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-08-07 11:54:57 UTC
From: kk9w_9
Topic: 6382 Message: 6383

FIXED . . . Intermittent cord

--- In LDG-auto-tuners@yahoogroups.com, "kk9w_9" <kk9w_9@...> wrote:
>
> I have a new Icom IC 7100 and a IT 100 tuner. When I hit the tune key on the radio the tuner starts then it will stop and give me 5 flashes. The radio does not switch to CW like the instructions say it is supposed to.
>
> What am I missing???
>
> Steve . . . KK9W
>

6384. Z-11 Pro II External Battery Pack

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-08-07 17:21:23 UTC
From: n2lrb@...
Topic: 6384 Message: 6384

I created an external battery pack for my Z-11 Pro II Tuner. I have posted photos of my external battery pack in the photos section under "N2LRB Z 11 Pro II External Battery"

I did not dare play around with the insides of the tuner (soldering) for fear of making a mistake and forever breaking my new LDG tuner. So I purchase an 8 battery (its two sided but you can not tell that from the photos) pack from Radio Shack, added power poles and had a nice external source of power (light weight too) for my tuner. I purchased my tuner for portable HF use.

Jose B Rivera
N2LRB

6385. RE: [LDG-auto-tuners] Z-11 Pro II External Battery Pack

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-08-08 17:22:15 UTC
From: k2afy
Topic: 6384 Message: 6385

Did the same thing to put in an ammo case at the base of my s9v43

Sent from my Samsung Galaxy S®4

-------- Original message --------
From: n2lrb@...
Date: 08/08/2013 1:07 PM (GMT-05:00)
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Z-11 Pro II External Battery Pack

I created an external battery pack for my Z-11 Pro II Tuner. I have posted photos of my external battery pack in the photos section under "N2LRB Z 11 Pro II External Battery"

I did not dare play around with the insides of the tuner (soldering) for fear of making a mistake and forever breaking my new LDG tuner. So I purchase an 8 battery (its two sided but you can not tell that from the photos) pack from Radio Shack, added power poles and had a nice external source of power (light weight too) for my tuner. I purchased my tuner for portable HF use.

Jose B Rivera
N2LRB

[Non-text portions of this message have been removed]

6386. Re: IT 100 with IC7100

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-08-09 05:24:58 UTC
From: Avery
Topic: 6382 Message: 6386

Steve,
I was about to say, look for a problem in the control cable. I have a KT-100 tuner, and I thought I would be smart and install a hefty RFI filter in the middle of the long control cable I built, and I had similar symptoms. The RFI filter had a PI filter in each of the control and power lines. When I took out the RFI filter the tuner worked like it says in the manual. I made the long control cable out of CAT-5e network cable, paying careful attention to the pairing of the signal wires: four twisted pairs each consisting of a solid and strip colored wire, all the striped wires go to ground and the solids are TT=BRN; TS=ORG; +12VDC=BLU+GRN.
Finally, I made a common-mode (or current-mode) choke by winding the CAT-5e cable on an FT-240-31 ferrite toroid core, and the tuner still works fine.
Glad you got your problem solved so quickly!
73,
Avery, WB4RTP

--- In LDG-auto-tuners@yahoogroups.com, "kk9w_9" <kk9w_9@...> wrote:
>
> FIXED . . . Intermittent cord
>
> --- In LDG-auto-tuners@yahoogroups.com, "kk9w_9" <kk9w_9@> wrote:
> >
> > I have a new Icom IC 7100 and a IT 100 tuner. When I hit the tune key on the radio the tuner starts then it will stop and give me 5 flashes. The radio does not switch to CW like the instructions say it is supposed to.
> >
> > What am I missing???
> >
> > Steve . . . KK9W
> >
>

6387. Re: Bypass and Ant 2 LED

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-08-09 11:56:44 UTC
From: kd2cjj
Topic: 6249 Message: 6387

Have you tried to force a full tune?
Have you tired to manually tune the antenna using the L or C buttons?
Have you tried changing the threshold to see higher or lower helps during an autotune?

The auto tuner is not perfect... On fact my mini beam changes Swr as I rotate it due it's proximity to the house... With that said I have to use many tricks with the auto tuner to get a 1:1 n the radio and on the tuner... I typically let the auto tune happen...it will end up just below the threshold... Then I use the l or c buttons to fine tune it and the store that setting....

Generally make sure the unit is grounded,water pipe is fine, and use a choke on your feedline, tune with no more than 20 watts. Lastly after a tune is set put it into semi auto mde...this will ensure the tuner doesn't start to retune when you apply power. If Swr I creases then just add or subtract L or C...that's why those buttons are there...

--- In LDG-auto-tuners@yahoogroups.com, "n8ob" <n8ob@...> wrote:
>
>
>
>
>
>
> I was using the dummy load to check that the radio was working correctly. The AT-600 is acting very weird. It won't tune any antenna I have and it causes the TS-590 to show an extremely high SWR. I still have an AT-200, so I connected it and it tunes everything as it should. Maybe time to send the AT-600 in for testing.
>
> --- In LDG-auto-tuners@yahoogroups.com, "doug pfaff" <doug.pfaff@> wrote:
> >
> > bob see page13 of your manual for an explanation of the leds
> > the dummy load is an ideal 50 ohm match
> >
> > Doug ve5dcp
> >
> > ----- Original Message -----
> > From: n8ob
> > To: LDG-auto-tuners@yahoogroups.com
> > Sent: Friday, June 14, 2013 6:42 PM
> > Subject: [LDG-auto-tuners] Bypass and Ant 2 LED
> >
> >
> >
> > I have an AT-600Pro and the Bypass and Ant 2 LED's are both on at the same time. I disconnected the power (12V power supply) reconnected it and still no difference. When they are both on, my radio sees a very high SWR and will not transmit. I connected my dummy load to the radio and everything worked fine (same coax cable). Any ideas??

> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

6388. Re: Z-11 Pro II External Battery Pack

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-08-09 10:44:41 UTC
From: n2lrb@...
Topic: 6384 Message: 6388

Wow! I never thought of using it as an "external base of the antenna tuner". I may have to buy another LDG to do that. Great idea. How do you keep it from getting moisture (humidity, rain, snow) and excess heat and cold? Is the Ammo case enough protection?

Jose - N2LRB

--- In LDG-auto-tuners@yahoogroups.com, k2afy <k2afy@...> wrote:
>
> Did the same thing to put in an ammo case at the base of my s9v43
>
>
> Sent from my Samsung Galaxy SÂ®4
>
> -------- Original message --------
> From: n2lrb@...
> Date: 08/08/2013 1:07 PM (GMT-05:00)
> To: LDG-auto-tuners@yahoogroups.com
> Subject: [LDG-auto-tuners] Z-11 Pro II External Battery Pack
>
> I created an external battery pack for my Z-11 Pro II Tuner. I have posted photos of my external battery pack in the photos section under "N2LRB Z 11 Pro II External Battery"
>
> I did not dare play around with the insides of the tuner (soldering) for fear of making a mistake and forever breaking my new LDG tuner. So I purchase an 8 battery (its two sided but you can not tell that from the photos) pack from Radio Shack, added power poles and had a nice external source of power (light weight too) for my tuner. I purchased my tuner for portable HF use.
>
> Jose B Rivera
> N2LRB
>
>
>
> [Non-text portions of this message have been removed]
>

6389. Product Request

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-08-09 15:33:19 UTC
From: kd2cjj
Topic: 6389 Message: 6389

I don't have the engineering skills to develop this so I am making a request.

Most brands of radios have different methods of interfacing with an external tuner. Why cant LDG create an external rib box that can interface with ALL LDG tuners that can translate the needs of ANY radio? Its frustrating that my current generic LDG tuner AT 100 PRO II interfaces with my older ICOM radio but not my new FTDX3000. I would not mind spending as an option a rib box / cable that could interface between my radio and tuner. Yes I got spoiled with the integration between the Icom and LDG tuner and I want to be continually spoiled as I change radios... I am considering now to upgrade to a 1KW tuner and now at a cross roads... I should not haveto change manufacturers of tuners (yes I have actually considered going to Mighty Fine Junk to get back that seamless integration) OR buy a special LDG Tuner (which they dont have actually but other Yaesu models they hve special tuners - thats nuts!) to get this capability... This would not only make the customer happy but improve your margins lowering your number of products in your catalog...

I also want self up-gradable firmware updates... In today's age this is commodity for most products... even the other guy can do this... I know there must be improvement of tuning algorithms thus want to apply those updates as they come out.. I see many complaints here about the AT 600 PRO II that surely could be resolved with firmware updates..

I don't mind paying a little more to get these features...

LDG you listening?

6390. RE: [LDG-auto-tuners] Re: Z-11 Pro II External Battery Pack

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-08-09 15:42:16 UTC
From: k2afy
Topic: 6384 Message: 6390

I have pics of it on pinterest. Gasget on the lid. I put the (sp) descadent packages from purchased electronics in the case on a regular basis. So far seems to be working well

Sent from my Samsung Galaxy S®4

-------- Original message --------
From: n2lrb@...
Date: 08/09/2013 11:08 AM (GMT-05:00)
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: Z-11 Pro II External Battery Pack

Wow! I never thought of using it as an "external base of the antenna tuner". I may have to buy another LDG to do that. Great idea. How do you keep it from getting moisture (humidity, rain, snow) and excess heat and cold? Is the Ammo case enough protection?

Jose - N2LRB

--- In LDG-auto-tuners@yahoogroups.com, k2afy <k2afy@...> wrote:
>
> Did the same thing to put in an ammo case at the base of my s9v43
>
>
> Sent from my Samsung Galaxy SÂ®4
>
> -------- Original message --------
> From: n2lrb@...
> Date: 08/08/2013 1:07 PM (GMT-05:00)
> To: LDG-auto-tuners@yahoogroups.com
> Subject: [LDG-auto-tuners] Z-11 Pro II External Battery Pack
>
> I created an external battery pack for my Z-11 Pro II Tuner. I have posted photos of my external battery pack in the photos section under "N2LRB Z 11 Pro II External Battery"
>
> I did not dare play around with the insides of the tuner (soldering) for fear of making a mistake and forever breaking my new LDG tuner. So I purchase an 8 battery (its two sided but you can not tell that from the photos) pack from Radio Shack, added power poles and had a nice external source of power (light weight too) for my tuner. I purchased my tuner for portable HF use.
>
> Jose B Rivera
> N2LRB
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

6391. Re: [LDG-auto-tuners] Product Request

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-08-09 20:49:52 UTC
From: Bill Aycock
Topic: 6389 Message: 6391

David--
One thing is certain-- you don't understand the problem. There is nothing needed IN THE TUNER to make this happen. All the various interfaces only make things happen in the Radio.

All the tuner needs is an RF signal to do its thing; The various interfaces just change the radio to make it do the right thing. Radios, in todays market, have great variation in operation. LDG has taken advantage of this market to provide control of some radios.

Most of the time, the following sequence is done.

1. Set the radio to a reduced power level, using a CAT command. Remember where you were, using a CAT Query.
2. Put the radio into a mode that allows a continuous carrier.(eg, CW, AM, or tone modulated SSB), using CAT commands. Remember where you were, using a CAT query.
3. Turn on the Carrier, using CAT command.
4. Measure the outgoing and reflected signals at the Antenna port.
5. Calculate the equivalent to SWR and compare the value to a desired value.
6. Using a proprietary Algorithm, Make tuner changes and repeat step 5 until happy.
7. Using CAT command, Turn the carrier off.
8. Using CAT commands, reset the Mode and power levels to original values.
9. Stand by for normal operation, being ready to do steps 4, 5, and 6 continuously.

Please note how many of these steps require communication with the radio, and reflect on how many different sets of commands there are across the many brands and models there are in the market. There is NO standard.

You need to talk to the radio manufacturers, not LDG. Meanwhile, have the grace to thank LDG for every special adaptation they make available.
Bill--W4BSG
-----Original Message-----
From: kd2cjj
Sent: Friday, August 09, 2013 10:33 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Product Request

I don't have the engineering skills to develop this so I am making a request.

Most brands of radios have different methods of interfacing with an external tuner. Why cant LDG create an external rib box that can interface with ALL LDG tuners that can translate the needs of ANY radio? Its frustrating that my current generic LDG tuner AT 100 PRO II interfaces with my older ICOM

radio but not my new FTDX3000. I would not mind spending as an option a rib box / cable that could interface between my radio and tuner. Yes I got spoiled with the integration between the Icom and LDG tuner and I want to be continually spoiled as I change radios... I am considering now to upgrade to a 1KW tuner and now at a cross roads... I should not haveto change manufacturers of tuners (yes I have actually considered going to Mighty Fine Junk to get back that seamless integration) OR buy a special LDG Tuner (which they dont have actually but other Yaesu models they hve special tuners - thats nuts!) to get this capability... This would not only make the customer happy but improve your margins lowering your number of products in your catalog...

I also want self up-gradable firmware updates... In today's age this is commodity for most products... even the other guy can do this... I know there must be improvement of tuning algorithms thus want to apply those updates as they come out.. I see many complaints here about the AT 600 PRO II that surely could be resolved with firmware updates..

I don't mind paying a little more to get these features...

LDG you listening?

Yahoo! Groups Links

6392. Re: Product Request

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-08-09 21:18:06 UTC
From: kd2cjj
Topic: 6389 Message: 6392

David,

I might not have been clear in what I want.

I want to be able to use the Tune button on my radio to perform all operations, not the other way around.

Each radio implements various ways to initiate a tune once those CAT commands have execute. As an example the IC7000 radio does not use CAT to initiate a tune to the tuner where the FTDX3000 DOES issue CAT commands to the tuner as part of the tuning process.

The fact that each radio may have different CAT commands is a simple problem for most software implementations. You can easily abstract CAT commands to internal tuner commands. You may not be able to auto sense what radio is connected but you could through dip switches force profiles for each radio. I attempted to build a wire from my FTDX3000 to my current LDG and found that it was a mute point as my radio needs an intelligent tuner that can decipher the CAT commands issued to the tuner which tells the tuner to trigger a tune. The fact that there is not standard for CAT isnt the obstacle; understanding each radios commands maybe that obstacle, but most are published. You dont have to release EVERY radio either. You can through firmware updates add those commands as needed/found. Furthermore, you really dont need to interface with the radio as you described (though some tuners do). You can keep the tuner very decoupled from the radio and only do the minimum needed to initiate and sustain the tune. There could be a reason why it cant be done but no offence the argument you posed doesnt hold weight with me. Unfortunately I am not an electrical engineer so I am not schooled on how the physical implementation can be done but from the software side I am very confident it can be done.

--- In LDG-auto-tuners@yahoogroups.com, "Bill Aycock" <billaycock@...> wrote:
>
> David--
> One thing is certain-- you don't understand the problem. There is nothing
> needed IN THE TUNER to make this happen. All the various interfaces only
> make things happen in the Radio.
>
> All the tuner needs is an RF signal to do its thing; The various interfaces
> just change the radio to make it do the right thing. Radios, in todays
> market, have great variation in operation. LDG has taken advantage of this
> market to provide control of some radios.
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> Most of the time, the following sequence is done.
>
> 1. Set the radio to a reduced power level, using a CAT command. Remember
> where you were, using a CAT Query.
> 2. Put the radio into a mode that allows a continuous carrier.(eg, CW, AM,
> or tone modulated SSB), using CAT commands. Remember where you were, using a
> CAT query.

> 3. Turn on the Carrier, using CAT command.
> 4. Measure the outgoing and reflected signals at the Antenna port.
> 5. Calculate the equivalent to SWR and compare the value to a desired value.
> 6. Using a proprietary Algorithm, Make tuner changes and repeat step 5 until
> happy.
> 7. Using CAT command, Turn the carrier off.
> 8. Using CAT commands, reset the Mode and power levels to original values.
> 9. Stand by for normal operation, being ready to do steps 4, 5, and 6
> continuously.
>
> Please note how many of these steps require communication with the radio,
> and reflect on how many different sets of commands there are across the many
> brands and models there are in the market. There is NO standard.
>
> You need to talk to the radio manufacturers, not LDG. Meanwhile, have the
> grace to thank LDG for every special adaptation they make available.
> Bill--W4BSG
> -----Original Message-----
> From: kd2cjj
> Sent: Friday, August 09, 2013 10:33 AM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: [LDG-auto-tuners] Product Request
>
> I don't have the engineering skills to develop this so I am making a
> request.
>
> Most brands of radios have different methods of interfacing with an external
> tuner. Why cant LDG create an external rib box that can interface with ALL
> LDG tuners that can translate the needs of ANY radio? Its frustrating that
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> a 1KW tuner and now at a cross roads... I should not haveto change
> manufacturers of tuners (yes I have actually considered going to Mighty Fine
> Junk to get back that seamless integration) OR buy a special LDG Tuner
> (which they dont have actually but other Yaesu models they hve special
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> updates as they come out.. I see many complaints here about the AT 600 PRO
> II that surely could be resolved with firmware updates..
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> I don't mind paying a little more to get these features...
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> LDG you listening?
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> Yahoo! Groups Links
>

6393. Re: [LDG-auto-tuners] Re: Product Request

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-08-09 23:08:47 UTC
From: Bill Aycock
Topic: 6389 Message: 6393

Michael-- Sorry I got the name wrong.
I still think you don't understand. In my post, only steps 4,5, &6 are done by the Tuner, but they are done WHENEVER there is a carrier. The other steps are only a matter of convenience.
Just what actions do you want when you push "Tune"? Which ones are not being done now? Why doesn't your radio do it?
Be specific.
Bill--W4BSG

-----Original Message-----
From: kd2cjj
Sent: Friday, August 09, 2013 4:18 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: Product Request

David,

I might not have been clear in what I want.

I want to be able to use the Tune button on my radio to perform all operations, not the other way around.

Each radio implements various ways to initiate a tune once those CAT commands have execute. As an example the IC7000 radio does not use CAT to initiate a tune to the tuner where the FTDX3000 DOES issue CAT commands to the tuner as part of the tuning process.

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wrote:
>
> David--
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> just change the radio to make it do the right thing. Radios, in todays
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> or tone modulated SSB), using CAT commands. Remember where you were, using
> a
> CAT query.
> 3. Turn on the Carrier, using CAT command.
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> continuously.
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> Please note how many of these steps require communication with the radio,
> and reflect on how many different sets of commands there are across the
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> brands and models there are in the market. There is NO standard.
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> You need to talk to the radio manufacturers, not LDG. Meanwhile, have the
> grace to thank LDG for every special adaptation they make available.
> Bill--W4BSG
> -----Original Message-----
> From: kd2cjj
> Sent: Friday, August 09, 2013 10:33 AM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: [LDG-auto-tuners] Product Request
>
> I don't have the engineering skills to develop this so I am making a
> request.
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> tuner. Why cant LDG create an external rib box that can interface with
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> Yahoo! Groups Links
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Yahoo! Groups Links

6394. Re: [LDG-auto-tuners] Re: Product Request

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-08-09 23:45:02 UTC
From: Bill Aycock
Topic: 6389 Message: 6394

Michael--
I just went back and read your last post again, and I am puzzled. I will read the CAT manual for the FTDX3000 and see what command "Triggers" a Tune cycle (in a non-Yaesu Tuner).
As a matter of fact, which LDG tuner requires a CAT signal to initiate a tune cycle?
Bill--W4BSG

-----Original Message-----
From: kd2cjj
Sent: Friday, August 09, 2013 4:18 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: Product Request

David,

I might not have been clear in what I want.

I want to be able to use the Tune button on my radio to perform all operations, not the other way around.

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--- In LDG-auto-tuners@yahoogroups.com, "Bill Aycock" <billaycock@...> wrote:

>
> David--
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> 2. Put the radio into a mode that allows a continuous carrier.(eg, CW, AM,
> or tone modulated SSB), using CAT commands. Remember where you were, using
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> CAT query.
> 3. Turn on the Carrier, using CAT command.
> 4. Measure the outgoing and reflected signals at the Antenna port.
> 5. Calculate the equivalent to SWR and compare the value to a desired
> value.
> 6. Using a proprietary Algorithm, Make tuner changes and repeat step 5
> until
> happy.
> 7. Using CAT command, Turn the carrier off.
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> 9. Stand by for normal operation, being ready to do steps 4, 5, and 6
> continuously.
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> Please note how many of these steps require communication with the radio,
> and reflect on how many different sets of commands there are across the
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> brands and models there are in the market. There is NO standard.
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> You need to talk to the radio manufacturers, not LDG. Meanwhile, have the
> grace to thank LDG for every special adaptation they make available.
> Bill--W4BSG
> -----Original Message-----
> From: kd2cjj
> Sent: Friday, August 09, 2013 10:33 AM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: [LDG-auto-tuners] Product Request
>
> I don't have the engineering skills to develop this so I am making a
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>
> Most brands of radios have different methods of interfacing with an

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> tuner. Why cant LDG create an external rib box that can interface with
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> in your catalog...
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> updates as they come out.. I see many complaints here about the AT 600
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> I don't mind paying a little more to get these features...
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> LDG you listening?
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> ------------------------------------
>
> Yahoo! Groups Links
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Yahoo! Groups Links

6395. Re: Product Request

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-08-10 02:16:08 UTC
From: kd2cjj
Topic: 6389 Message: 6395

Bill,

they have a cat command to initiate a tune but LDG does not have any means of interfacing with the radio.

The net net is.. I want to be able to iniate a tune using the tune button on my radio having a Yaesu FTDX3000. My last radio an ICOM had no issue interfacing.
--- In LDG-auto-tuners@yahoogroups.com, "Bill Aycock" <billaycock@...> wrote:
>
> Michael--
> I just went back and read your last post again, and I am puzzled. I will
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> From: kd2cjj
> Sent: Friday, August 09, 2013 4:18 PM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: [LDG-auto-tuners] Re: Product Request
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> David,
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> I want to be able to use the Tune button on my radio to perform all
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> software side I am very confident it can be done.
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> --- In LDG-auto-tuners@yahoogroups.com, "Bill Aycock" <billaycock@>
> wrote:
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> > value.
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> > 7. Using CAT command, Turn the carrier off.
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> > 9. Stand by for normal operation, being ready to do steps 4, 5, and 6
> > continuously.
> >
> > Please note how many of these steps require communication with the radio,
> > and reflect on how many different sets of commands there are across the
> > many
> > brands and models there are in the market. There is NO standard.
> >
> > You need to talk to the radio manufacturers, not LDG. Meanwhile, have the

> > grace to thank LDG for every special adaptation they make available.
> > Bill--W4BSG
> > -----Original Message-----
> > From: kd2cjj
> > Sent: Friday, August 09, 2013 10:33 AM
> > To: LDG-auto-tuners@yahoogroups.com
> > Subject: [LDG-auto-tuners] Product Request
> >
> > I don't have the engineering skills to develop this so I am making a
> > request.
> >
> > Most brands of radios have different methods of interfacing with an
> > external
> > tuner. Why cant LDG create an external rib box that can interface with
> > ALL
> > LDG tuners that can translate the needs of ANY radio? Its frustrating
> > that
> > my current generic LDG tuner AT 100 PRO II interfaces with my older ICOM
> > radio but not my new FTDX3000. I would not mind spending as an option a
> > rib
> > box / cable that could interface between my radio and tuner. Yes I got
> > spoiled with the integration between the Icom and LDG tuner and I want to
> > be
> > continually spoiled as I change radios... I am considering now to upgrade
> > to
> > a 1KW tuner and now at a cross roads... I should not haveto change
> > manufacturers of tuners (yes I have actually considered going to Mighty
> > Fine
> > Junk to get back that seamless integration) OR buy a special LDG Tuner
> > (which they dont have actually but other Yaesu models they hve special
> > tuners - thats nuts!) to get this capability... This would not only make
> > the customer happy but improve your margins lowering your number of
> > products
> > in your catalog...
> >
> > I also want self up-gradable firmware updates... In today's age this is
> > commodity for most products... even the other guy can do this... I know
> > there must be improvement of tuning algorithms thus want to apply those
> > updates as they come out.. I see many complaints here about the AT 600
> > PRO
> > II that surely could be resolved with firmware updates..
> >
> > I don't mind paying a little more to get these features...
> >
> > LDG you listening?
> >
> >
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> > ------------------------------------
> >

> > Yahoo! Groups Links
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> Yahoo! Groups Links
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6396. Re: [LDG-auto-tuners] Re: Product Request

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-08-10 04:21:15 UTC
From: Bill Aycock
Topic: 6389 Message: 6396

Michael--
You keep mentioning your ICOM--
Which model Icom, and which tuner?
And- can you tell me what actions happened, in sequence, when you pressed the "Tune" button on the Icom?
You have me interested, now, even if still in the dark, as far as details go.
Bill--W4BSG

-----Original Message-----
From: kd2cjj
Sent: Friday, August 09, 2013 9:16 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: Product Request

Bill,

they have a cat command to initiate a tune but LDG does not have any means of interfacing with the radio.

The net net is.. I want to be able to iniate a tune using the tune button on my radio having a Yaesu FTDX3000. My last radio an ICOM had no issue interfacing.
--- In LDG-auto-tuners@yahoogroups.com, "Bill Aycock" <billaycock@...> wrote:
>
> Michael--
> I just went back and read your last post again, and I am puzzled. I will
> read the CAT manual for the FTDX3000 and see what command "Triggers" a
> Tune
> cycle (in a non-Yaesu Tuner).
> As a matter of fact, which LDG tuner requires a CAT signal to initiate a
> tune cycle?
> Bill--W4BSG
>
> -----Original Message-----
> From: kd2cjj
> Sent: Friday, August 09, 2013 4:18 PM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: [LDG-auto-tuners] Re: Product Request
>
> David,
>
> I might not have been clear in what I want.
>
> I want to be able to use the Tune button on my radio to perform all

> operations, not the other way around.
>
> Each radio implements various ways to initiate a tune once those CAT
> commands have execute. As an example the IC7000 radio does not use CAT to
> initiate a tune to the tuner where the FTDX3000 DOES issue CAT commands to
> the tuner as part of the tuning process.
>
> The fact that each radio may have different CAT commands is a simple
> problem
> for most software implementations. You can easily abstract CAT commands
> to
> internal tuner commands. You may not be able to auto sense what radio is
> connected but you could through dip switches force profiles for each
> radio.
> I attempted to build a wire from my FTDX3000 to my current LDG and found
> that it was a mute point as my radio needs an intelligent tuner that can
> decipher the CAT commands issued to the tuner which tells the tuner to
> trigger a tune. The fact that there is not standard for CAT isnt the
> obstacle; understanding each radios commands maybe that obstacle, but most
> are published. You dont have to release EVERY radio either. You can
> through firmware updates add those commands as needed/found. Furthermore,
> you really dont need to interface with the radio as you described (though
> some tuners do). You can keep the tuner very decoupled from the radio and
> only do the minimum needed to initiate and sustain the tune. There could
> be
> a reason why it cant be done but no offence the argument you posed doesnt
> hold weight with me. Unfortunately I am not an electrical engineer so I
> am
> not schooled on how the physical implementation can be done but from the
> software side I am very confident it can be done.
>
>
> --- In LDG-auto-tuners@yahoogroups.com, "Bill Aycock" <billaycock@>
> wrote:
> >
> > David--
> > One thing is certain-- you don't understand the problem. There is
> > nothing
> > needed IN THE TUNER to make this happen. All the various interfaces only
> > make things happen in the Radio.
> >
> > All the tuner needs is an RF signal to do its thing; The various
> > interfaces
> > just change the radio to make it do the right thing. Radios, in todays
> > market, have great variation in operation. LDG has taken advantage of
> > this
> > market to provide control of some radios.
> >
> > Most of the time, the following sequence is done.
> >

> > 1. Set the radio to a reduced power level, using a CAT command. Remember
> > where you were, using a CAT Query.
> > 2. Put the radio into a mode that allows a continuous carrier.(eg, CW,
> > AM,
> > or tone modulated SSB), using CAT commands. Remember where you were,
> > using
> > a
> > CAT query.
> > 3. Turn on the Carrier, using CAT command.
> > 4. Measure the outgoing and reflected signals at the Antenna port.
> > 5. Calculate the equivalent to SWR and compare the value to a desired
> > value.
> > 6. Using a proprietary Algorithm, Make tuner changes and repeat step 5
> > until
> > happy.
> > 7. Using CAT command, Turn the carrier off.
> > 8. Using CAT commands, reset the Mode and power levels to original
> > values.
> > 9. Stand by for normal operation, being ready to do steps 4, 5, and 6
> > continuously.
> >
> > Please note how many of these steps require communication with the
> > radio,
> > and reflect on how many different sets of commands there are across the
> > many
> > brands and models there are in the market. There is NO standard.
> >
> > You need to talk to the radio manufacturers, not LDG. Meanwhile, have
> > the
> > grace to thank LDG for every special adaptation they make available.
> > Bill--W4BSG
> > -----Original Message-----
> > From: kd2cjj
> > Sent: Friday, August 09, 2013 10:33 AM
> > To: LDG-auto-tuners@yahoogroups.com
> > Subject: [LDG-auto-tuners] Product Request
> >
> > I don't have the engineering skills to develop this so I am making a
> > request.
> >
> > Most brands of radios have different methods of interfacing with an
> > external
> > tuner. Why cant LDG create an external rib box that can interface with
> > ALL
> > LDG tuners that can translate the needs of ANY radio? Its frustrating
> > that
> > my current generic LDG tuner AT 100 PRO II interfaces with my older ICOM
> > radio but not my new FTDX3000. I would not mind spending as an option a
> > rib
> > box / cable that could interface between my radio and tuner. Yes I got

> > spoiled with the integration between the Icom and LDG tuner and I want
> > to
> > be
> > continually spoiled as I change radios... I am considering now to
> > upgrade
> > to
> > a 1KW tuner and now at a cross roads... I should not haveto change
> > manufacturers of tuners (yes I have actually considered going to Mighty
> > Fine
> > Junk to get back that seamless integration) OR buy a special LDG Tuner
> > (which they dont have actually but other Yaesu models they hve special
> > tuners - thats nuts!) to get this capability... This would not only
> > make
> > the customer happy but improve your margins lowering your number of
> > products
> > in your catalog...
> >
> > I also want self up-gradable firmware updates... In today's age this is
> > commodity for most products... even the other guy can do this... I know
> > there must be improvement of tuning algorithms thus want to apply those
> > updates as they come out.. I see many complaints here about the AT 600
> > PRO
> > II that surely could be resolved with firmware updates..
> >
> > I don't mind paying a little more to get these features...
> >
> > LDG you listening?
> >
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> > Yahoo! Groups Links
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> Yahoo! Groups Links
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Yahoo! Groups Links

6397. Re: Product Request

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-08-09 23:03:02 UTC
From: vk2rf
Topic: 6389 Message: 6397

I too would be interested in interfacing multiple radios to one tuner so that each radio's "tune" button works.
I'm sure CAT is not the "only" way. Frequency sensing circuits are used in many devices now.
Interestingly, my Icom IC7600 internal tuner menu has a setting that will tune on PTT in ANY mode where it senses the SWR to be too high.
It must be possible, but at what cost?
I imagine it's easy with carrier based modes. but what about SSB. Does the tuner need to have a 10 watt frequency agile HF transmitter embedded(as it could), together with frequency sensing circuit.
If Byonics can sell an APRS tracker plus 10 watt VHF FM transceiver for $US220, anything is possible !
(Now I wish I could patent the idea....)
73 de Raffy VK2RF

--- In LDG-auto-tuners@yahoogroups.com, "kd2cjj" <mikelebron@...> wrote:
>
> David,
>
> I might not have been clear in what I want.
>
> I want to be able to use the Tune button on my radio to perform all operations, not the other way around.
>
> Each radio implements various ways to initiate a tune once those CAT commands have execute. As an example the IC7000 radio does not use CAT to initiate a tune to the tuner where the FTDX3000 DOES issue CAT commands to the tuner as part of the tuning process.
>
> The fact that each radio may have different CAT commands is a simple problem for most software implementations. You can easily abstract CAT commands to internal tuner commands. You may not be able to auto sense what radio is connected but you could through dip switches force profiles for each radio. I attempted to build a wire from my FTDX3000 to my current LDG and found that it was a mute point as my radio needs an intelligent tuner that can decipher the CAT commands issued to the tuner which tells the tuner to trigger a tune. The fact that there is not standard for CAT isnt the obstacle; understanding each radios commands maybe that obstacle, but most are published. You dont have to release EVERY radio either. You can through firmware updates add those commands as needed/found. Furthermore, you really dont need to interface with the radio as you described (though some tuners do). You can keep the tuner very decoupled from the radio and only do the minimum needed to initiate and sustain the tune. There could be a reason why it cant be done but no offence the argument you posed doesnt hold weight with me. Unfortunately I am not an electrical engineer so I am not schooled on how the physical implementation can be done but from the software side I am very confident it can be done.
>
>

> --- In LDG-auto-tuners@yahoogroups.com, "Bill Aycock" <billaycock@> wrote:
> >
> > David--
> > One thing is certain-- you don't understand the problem. There is nothing
> > needed IN THE TUNER to make this happen. All the various interfaces only
> > make things happen in the Radio.
> >
> > All the tuner needs is an RF signal to do its thing; The various interfaces
> > just change the radio to make it do the right thing. Radios, in todays
> > market, have great variation in operation. LDG has taken advantage of this
> > market to provide control of some radios.
> >
> > Most of the time, the following sequence is done.
> >
> > 1. Set the radio to a reduced power level, using a CAT command. Remember
> > where you were, using a CAT Query.
> > 2. Put the radio into a mode that allows a continuous carrier.(eg, CW, AM,
> > or tone modulated SSB), using CAT commands. Remember where you were, using a
> > CAT query.
> > 3. Turn on the Carrier, using CAT command.
> > 4. Measure the outgoing and reflected signals at the Antenna port.
> > 5. Calculate the equivalent to SWR and compare the value to a desired value.
> > 6. Using a proprietary Algorithm, Make tuner changes and repeat step 5 until
> > happy.
> > 7. Using CAT command, Turn the carrier off.
> > 8. Using CAT commands, reset the Mode and power levels to original values.
> > 9. Stand by for normal operation, being ready to do steps 4, 5, and 6
> > continuously.
> >
> > Please note how many of these steps require communication with the radio,
> > and reflect on how many different sets of commands there are across the many
> > brands and models there are in the market. There is NO standard.
> >
> > You need to talk to the radio manufacturers, not LDG. Meanwhile, have the
> > grace to thank LDG for every special adaptation they make available.
> > Bill--W4BSG
> > -----Original Message-----
> > From: kd2cjj
> > Sent: Friday, August 09, 2013 10:33 AM
> > To: LDG-auto-tuners@yahoogroups.com
> > Subject: [LDG-auto-tuners] Product Request
> >
> > I don't have the engineering skills to develop this so I am making a
> > request.
> >
> > Most brands of radios have different methods of interfacing with an external
> > tuner. Why cant LDG create an external rib box that can interface with ALL
> > LDG tuners that can translate the needs of ANY radio? Its frustrating that
> > my current generic LDG tuner AT 100 PRO II interfaces with my older ICOM
> > radio but not my new FTDX3000. I would not mind spending as an option a rib

> > box / cable that could interface between my radio and tuner. Yes I got
> > spoiled with the integration between the Icom and LDG tuner and I want to be
> > continually spoiled as I change radios... I am considering now to upgrade to
> > a 1KW tuner and now at a cross roads... I should not haveto change
> > manufacturers of tuners (yes I have actually considered going to Mighty Fine
> > Junk to get back that seamless integration) OR buy a special LDG Tuner
> > (which they dont have actually but other Yaesu models they hve special
> > tuners - thats nuts!) to get this capability... This would not only make
> > the customer happy but improve your margins lowering your number of products
> > in your catalog...
> >
> > I also want self up-gradable firmware updates... In today's age this is
> > commodity for most products... even the other guy can do this... I know
> > there must be improvement of tuning algorithms thus want to apply those
> > updates as they come out.. I see many complaints here about the AT 600 PRO
> > II that surely could be resolved with firmware updates..
> >
> > I don't mind paying a little more to get these features...
> >
> > LDG you listening?
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
>

6398. Re: Z-11 Pro II External Battery Pack

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-08-10 23:23:04 UTC
From: w0sgm
Topic: 6384 Message: 6398

You can buy plastic "ammo" boxes about anywhere;Walmart,Farm & Fleet etc.
They have a gasket in the lid..drill holes for the radial wire and the vert wire,put a bulkhead/barrel connector 239 in it and the tuner inside.
I have one thats been outside for years in a waterproof box bought at Farm & Fleet for $12.
Mine has power fed through a pair of MFJ BiasT's. Somewhere in the photos section of the S9antennas group I believe there are pics of it under my old call KB0NAZ

Scott W0SGM

--- In LDG-auto-tuners@yahoogroups.com, n2lrb@... wrote:
>
> Wow! I never thought of using it as an "external base of the antenna tuner". I may have to buy another LDG to do that. Great idea. How do you keep it from getting moisture (humidity, rain, snow) and excess heat and cold? Is the Ammo case enough protection?
>
> Jose - N2LRB
>
> --- In LDG-auto-tuners@yahoogroups.com, k2afy <k2afy@> wrote:
> >
> > Did the same thing to put in an ammo case at the base of my s9v43
> >
> >
> > Sent from my Samsung Galaxy SÂ®4
> >
> > -------- Original message --------
> > From: n2lrb@
> > Date: 08/08/2013 1:07 PM (GMT-05:00)
> > To: LDG-auto-tuners@yahoogroups.com
> > Subject: [LDG-auto-tuners] Z-11 Pro II External Battery Pack
> >
> > I created an external battery pack for my Z-11 Pro II Tuner. I have posted photos of my external battery pack in the photos section under "N2LRB Z 11 Pro II External Battery"
> >
> > I did not dare play around with the insides of the tuner (soldering) for fear of making a mistake and forever breaking my new LDG tuner. So I purchase an 8 battery (its two sided but you can not tell that from the photos) pack from Radio Shack, added power poles and had a nice external source of power (light weight too) for my tuner. I purchased my tuner for portable HF use.
> >
> > Jose B Rivera
> > N2LRB
> >
> >
> >
> > [Non-text portions of this message have been removed]

> >
>

6399. LDG 100z plus as random wire tuner?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-08-11 20:29:03 UTC
From: kd0ucr
Topic: 6399 Message: 6399

Is the LDG100z plus usable as a random wire tuner? The instructions suggest it's for any coax-fed unbalanced antenna...

Also, if yes, is a balun really needed? (and if so, why?)

6400. Still haven't gotten any help on this matter!!!

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-08-12 00:17:07 UTC
From: wx2ibob
Topic: 6400 Message: 6400

Has anyone made the horrible mistake of, during the factory default reset procedure, briefly applying power to the radio connector on the back?
I do not use the radio connection, however since the above action occurred, the tuner does not tune. All the LEDs light up left to right, then all Flash.
I opened the cover and found no evidence of anything burnt.

Any help would be greatly appreciated... looking for schematics too.

Thanks and 7 3
Bob WX2I

6401. Re: [LDG-auto-tuners] Still haven't gotten any help on this matter!!!

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-08-12 00:35:59 UTC
From: Jimmy (WB8NBI)
Topic: 6400 Message: 6401

I would say that you need to send your tuner for repair. If you applied power to the radio connector I am sure you have burnt something up. I am not aware of any reset procedure for the LDG line of tuners.

DE Jimmy (WB8NBI)

From: wx2ibob
Sent: Sunday, August 11, 2013 8:17 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Still haven't gotten any help on this matter!!!

Has anyone made the horrible mistake of, during the factory default reset procedure, briefly applying power to the radio connector on the back?
I do not use the radio connection, however since the above action occurred, the tuner does not tune. All the LEDs light up left to right, then all Flash.
I opened the cover and found no evidence of anything burnt.

Any help would be greatly appreciated... looking for schematics too.

Thanks and 7 3
Bob WX2I

[Non-text portions of this message have been removed]

6402. Re: [LDG-auto-tuners] LDG 100z plus as random wire tuner?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-08-12 03:02:52 UTC
From: Hank Greeb
Topic: 6399 Message: 6402

Why knot? All it is is an impedance matching device. Be sure to use
some sort of counterpoise or earth ground.

A Balun is definitely NOT needed, but an RF choke, or sometimes called
and UN-UN is sometimes beneficial to reduce currents which may be
induced from the near fiedl of the antenna - sometime it's best to have
two of these devices, one very near the tuner to for your random wire,
and the other at the transceiver end.

72/73 de n8xx Hg
QRP >99.44%of the time

On 8/11/2013 2:29 PM, kd0ucr wrote:
> Is the LDG100z plus usable as a random wire tuner? The instructions suggest it's for any coax-fed unbalanced antenna...
>
> Also, if yes, is a balun really needed? (and if so, why?)

[Non-text portions of this message have been removed]

6403. Re: LDG 100z plus as random wire tuner?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-08-12 21:47:38 UTC
From: Dwayne
Topic: 6399 Message: 6403

Hello KD0UCR,

When you have random input for data, you end up with a random answer. Most of the LDG tuners have a tuning range of 10:1. So you would need to know the impedance of the random wire to be able to provide an answer. There is no way to even know if you need a balun or not.

Depending on what radio you have, there may be other tuners (more expensive) that will work with your random antenna.

Please sign with your name and call sign,

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "kd0ucr" <crisp@...> wrote:
>
> Is the LDG100z plus usable as a random wire tuner? The instructions suggest it's for any coax-fed unbalanced antenna...
>
> Also, if yes, is a balun really needed? (and if so, why?)
>

6404. Re: Still haven't gotten any help on this matter!!!

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-08-12 21:50:52 UTC
From: Dwayne
Topic: 6400 Message: 6404

Bob,

I would say that you toasted the processor. Use this link to order a new processor.

http://www.ldgelectronics.com/c/264/upgrades

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, "Jimmy \(WB8NBI\)" <wb8nbi@...> wrote:
>
> I would say that you need to send your tuner for repair. If you applied power to the radio connector I am sure you have burnt something up. I am not aware of any reset procedure for the LDG line of tuners.
>
> DE Jimmy (WB8NBI)
>
> From: wx2ibob
> Sent: Sunday, August 11, 2013 8:17 PM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: [LDG-auto-tuners] Still haven't gotten any help on this matter!!!
>
>
> Has anyone made the horrible mistake of, during the factory default reset
> procedure, briefly applying power to the radio connector on the back?
> I do not use the radio connection, however since the above action occurred, the
> tuner does not tune. All the LEDs light up left to right, then all Flash.
> I opened the cover and found no evidence of anything burnt.
>
> Any help would be greatly appreciated... looking for schematics too.
>
> Thanks and 7 3
> Bob WX2I
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

6405. Delay of the AL-100

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-08-12 23:30:56 UTC
From: Dwayne
Topic: 6405 Message: 6405

Due to several unforeseen circumstances, the AL-100 will most likely be shipping in Sept. We originally expected delivery in June, but delay after delay has pushed it past that.

Normally, we do not even announce a new product until we have it in our production line, but we mistakenly thought this one would be easy to get through.

We apologize for all of the delays and promise to ship as soon as possible.

Dwayne Kincaid
LDG

6406. RE: [LDG-auto-tuners] Re: LDG 100z plus as random wire tuner?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-08-12 23:34:18 UTC
From: Stephen Finch
Topic: 6399 Message: 6406

I homebrewed a 4:1 / 1:1 current balun in a single small plastic box. I have external banana plugs to select 1:1 or 4:1. I generally use the 4:1 for a random wire, but on a few occasions I needed to switch to the 1:1 to get me Z-817 to match.

Your other choice is to add 2 to 5 feet of wire to the random wire or to the counterpoise. This will change the input impedance.

Steve Finch
AIØW
Technical Coordinator - North Florida Section
Homosassa Springs, FL
ai0w@...

From: LDG-auto-tuners@yahoogroups.com
[mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Dwayne
Sent: Monday, August 12, 2013 5:48 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: LDG 100z plus as random wire tuner?

Hello KD0UCR,

When you have random input for data, you end up with a random answer. Most of the LDG tuners have a tuning range of 10:1. So you would need to know the impedance of the random wire to be able to provide an answer. There is no way to even know if you need a balun or not.

Depending on what radio you have, there may be other tuners (more expensive) that will work with your random antenna.

Please sign with your name and call sign,

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com
<mailto:LDG-auto-tuners%40yahoogroups.com> , "kd0ucr" <crisp@...> wrote:
>
> Is the LDG100z plus usable as a random wire tuner? The instructions suggest it's for any coax-fed unbalanced antenna...
>
> Also, if yes, is a balun really needed? (and if so, why?)
>

[Non-text portions of this message have been removed]

6407. AW: [LDG-auto-tuners] Re: LDG 100z plus as random wire tuner?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-08-13 10:41:56 UTC
From: Karsten Heddenhausen
Topic: 6399 Message: 6407

Hi Steve!

Could you send me a short description how to build this 4:1/1:1 balun? I□ve got the same problem. I want to use a 10m wire and some radials.

73 de Karsten DC7OS

Von: LDG-auto-tuners@yahoogroups.com
[mailto:LDG-auto-tuners@yahoogroups.com] Im Auftrag von Stephen Finch
Gesendet: Dienstag, 13. August 2013 01:34
An: LDG-auto-tuners@yahoogroups.com
Betreff: RE: [LDG-auto-tuners] Re: LDG 100z plus as random wire tuner?

I homebrewed a 4:1 / 1:1 current balun in a single small plastic box. I have external banana plugs to select 1:1 or 4:1. I generally use the 4:1 for a random wire, but on a few occasions I needed to switch to the 1:1 to get me Z-817 to match.

Your other choice is to add 2 to 5 feet of wire to the random wire or to the counterpoise. This will change the input impedance.

Steve Finch
AIØW
Technical Coordinator - North Florida Section
Homosassa Springs, FL
ai0w@... <mailto:ai0w%40arrl.net>

[Non-text portions of this message have been removed]

6408. Re: Product Request

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-08-13 03:13:58 UTC
From: E
Topic: 6389 Message: 6408

I did some extensive work with auto tuners and the FT-950.
There are a few issues that would need to be addressed in order to have a "universal interface capable" tuner.

1) The interface voltage levels would need to be programmable.

2) The protocol used might be as simple as level shifting or as complex as commands with expected responses - both approaches, and every protocol used would need to be handled.

3) And here is the kicker... some "Tune" sequences, such as the FT-950 tune sequence, will only get past the first its' first RF output test IF the SWR is approx 3:1 or lower. The only way to guarantee this is to provide an antenna load in the tuner itself which would be in the antenna path (instead of the actual antenna) for the first RF output test and then switch out of the antenna path for the actual tuning sequence. This is why the AT-200 Pro I have will not work properly with the FT-950's "tune" button.

There was a Yaesu interface device sold which would translate the CAT command sequence into the level shifting sequence that ICOM used (uses?) but without being able to limit the initial SWR results to 3:1 or lower, the device only worked when the antenna was already close to being tuned before the tuning started.

All that being said, a modular tuner with a "base unit" that included a loading resistor and relays to switch it into/out of the RF path as well as the RC tuning components, the forward and reverse power measurement sensing and the smarts to determine an acceptable LC configuration should be possible to build and could be coupled to a interface specific front end, but the result may be more complex and therefore more expensive than most everyone would actually need for any given radio.

73,
Gene, W1EBR

--- In LDG-auto-tuners@yahoogroups.com, "vk2rf" <raffy599@...> wrote:
>
>
>
> I too would be interested in interfacing multiple radios to one tuner so that each radio's "tune" button works.
> I'm sure CAT is not the "only" way. Frequency sensing circuits are used in many devices now.
> Interestingly, my Icom IC7600 internal tuner menu has a setting that will tune on PTT in ANY mode where it senses the SWR to be too high.
> It must be possible, but at what cost?
> I imagine it's easy with carrier based modes. but what about SSB. Does the tuner need to have a 10 watt frequency agile HF transmitter embedded(as it could), together with frequency sensing circuit.
> If Byonics can sell an APRS tracker plus 10 watt VHF FM transceiver for $US220, anything is possible !

> (Now I wish I could patent the idea....)
> 73 de Raffy VK2RF
>
>
> --- In LDG-auto-tuners@yahoogroups.com, "kd2cjj" <mikelebron@> wrote:
> >
> > David,
> >
> > I might not have been clear in what I want.
> >
> > I want to be able to use the Tune button on my radio to perform all operations, not the other way around.
> >
> > Each radio implements various ways to initiate a tune once those CAT commands have execute. As an example the IC7000 radio does not use CAT to initiate a tune to the tuner where the FTDX3000 DOES issue CAT commands to the tuner as part of the tuning process.
> >
> > The fact that each radio may have different CAT commands is a simple problem for most software implementations. You can easily abstract CAT commands to internal tuner commands. You may not be able to auto sense what radio is connected but you could through dip switches force profiles for each radio. I attempted to build a wire from my FTDX3000 to my current LDG and found that it was a mute point as my radio needs an intelligent tuner that can decipher the CAT commands issued to the tuner which tells the tuner to trigger a tune. The fact that there is not standard for CAT isnt the obstacle; understanding each radios commands maybe that obstacle, but most are published. You dont have to release EVERY radio either. You can through firmware updates add those commands as needed/found. Furthermore, you really dont need to interface with the radio as you described (though some tuners do). You can keep the tuner very decoupled from the radio and only do the minimum needed to initiate and sustain the tune. There could be a reason why it cant be done but no offence the argument you posed doesnt hold weight with me. Unfortunately I am not an electrical engineer so I am not schooled on how the physical implementation can be done but from the software side I am very confident it can be done.
> >
> >
> > --- In LDG-auto-tuners@yahoogroups.com, "Bill Aycock" <billaycock@> wrote:
> > >
> > > David--
> > > One thing is certain-- you don't understand the problem. There is nothing
> > > needed IN THE TUNER to make this happen. All the various interfaces only
> > > make things happen in the Radio.
> > >
> > > All the tuner needs is an RF signal to do its thing; The various interfaces
> > > just change the radio to make it do the right thing. Radios, in todays
> > > market, have great variation in operation. LDG has taken advantage of this
> > > market to provide control of some radios.
> > >
> > > Most of the time, the following sequence is done.
> > >
> > > 1. Set the radio to a reduced power level, using a CAT command. Remember
> > > where you were, using a CAT Query.

> > > 2. Put the radio into a mode that allows a continuous carrier.(eg, CW, AM,
> > > or tone modulated SSB), using CAT commands. Remember where you were, using a
> > > CAT query.
> > > 3. Turn on the Carrier, using CAT command.
> > > 4. Measure the outgoing and reflected signals at the Antenna port.
> > > 5. Calculate the equivalent to SWR and compare the value to a desired value.
> > > 6. Using a proprietary Algorithm, Make tuner changes and repeat step 5 until
> > > happy.
> > > 7. Using CAT command, Turn the carrier off.
> > > 8. Using CAT commands, reset the Mode and power levels to original values.
> > > 9. Stand by for normal operation, being ready to do steps 4, 5, and 6
> > > continuously.
> > >
> > > Please note how many of these steps require communication with the radio,
> > > and reflect on how many different sets of commands there are across the many
> > > brands and models there are in the market. There is NO standard.
> > >
> > > You need to talk to the radio manufacturers, not LDG. Meanwhile, have the
> > > grace to thank LDG for every special adaptation they make available.
> > > Bill--W4BSG
> > > -----Original Message-----
> > > From: kd2cjj
> > > Sent: Friday, August 09, 2013 10:33 AM
> > > To: LDG-auto-tuners@yahoogroups.com
> > > Subject: [LDG-auto-tuners] Product Request
> > >
> > > I don't have the engineering skills to develop this so I am making a
> > > request.
> > >
> > > Most brands of radios have different methods of interfacing with an external
> > > tuner. Why cant LDG create an external rib box that can interface with ALL
> > > LDG tuners that can translate the needs of ANY radio? Its frustrating that
> > > my current generic LDG tuner AT 100 PRO II interfaces with my older ICOM
> > > radio but not my new FTDX3000. I would not mind spending as an option a rib
> > > box / cable that could interface between my radio and tuner. Yes I got
> > > spoiled with the integration between the Icom and LDG tuner and I want to be
> > > continually spoiled as I change radios... I am considering now to upgrade to
> > > a 1KW tuner and now at a cross roads... I should not haveto change
> > > manufacturers of tuners (yes I have actually considered going to Mighty Fine
> > > Junk to get back that seamless integration) OR buy a special LDG Tuner
> > > (which they dont have actually but other Yaesu models they hve special
> > > tuners - thats nuts!) to get this capability... This would not only make
> > > the customer happy but improve your margins lowering your number of products
> > > in your catalog...
> > >
> > > I also want self up-gradable firmware updates... In today's age this is
> > > commodity for most products... even the other guy can do this... I know
> > > there must be improvement of tuning algorithms thus want to apply those
> > > updates as they come out.. I see many complaints here about the AT 600 PRO
> > > II that surely could be resolved with firmware updates..

> > >
> > > I don't mind paying a little more to get these features...
> > >
> > > LDG you listening?
> > >
> > >
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> > >
> > > Yahoo! Groups Links
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6409. AT 200 Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-08-13 09:03:05 UTC
From: John
Topic: 6409 Message: 6409

Guys,
Newbie here!
New to Auto Antenna Matching at least!
I recently bought a used AT200 Pro, seems to work fine, to my limited knowledge at least!
An odd problem has popped up . . . .
While tuning up on 28 MHz recently, all worked ok.
Then without changing frequency, I keyed up again . . . . . the AT 200 went back through a full cycle!!!! - It does tune up OK, but it insists on retuning every time I key up . . .
I thought the unit remembered settings ??
Have I a faulty unit or am I missing something here . . . ???

Oh, BTW, the antenna is a 102' doublet fed with about 15M of 300 ohm ladder, 4:1 balun, short length of mini8
It shows about 280 ohms Z at 28.5 Mhz, untuned . . . . . .

TIA & 73'
John - G8CAU - Carlisle

6410. Z-11 Pro II Tuning Question

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-08-13 22:12:53 UTC
From: n2lrb@...
Topic: 6410 Message: 6410

While using my Z-11 Pro II tuner out of doors in Central Park, I decided to lower the wattage of my Yaesu FT-857D transceiver to 10 watts and change the mode to AM every time I switched bands. The tuner and the radio are connected via the radio's ACC port using the special cable I purchased for that purpose.

My question is this. Was I right in lower the power before putting the radio on AM to tune or does the tuner lower the power and put the radio on AM automatically for me (though I may not see it happen) while tuning?

Jose
N2LRB

6411. Re: [LDG-auto-tuners] Z-11 Pro II Tuning Question

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-08-14 16:47:09 UTC
From: Hank Greeb
Topic: 6410 Message: 6411

Hi, Jose:

It's always best to tune with lower power. And,if the Z-11 is like my Z-100, 5 to 10 watts is a nice power for the circuitry inside the unit to work. The Z-11 doesn't control the radio, whatever the "tune" buttondoes to the radio iswhat happens when you push the "tune" button on your radio.

Unless it is specified in the 857 manual that the poweris reduced when you press the "tune" button, manually lowering the power to 5 to 10 watts prior to pushing the tune button is a prudent thing to do.

72/73 de n8xx Hg
QRP >99.44% of the time

p.s. my "problem" with my Z-100 is that Ioften have toINCREASE power from <1watt to around 3 to 5 watts in order to allow the circuits to work properly. :)

On 8/13/2013 4:12 PM, n2lrb@... wrote:
> While using my Z-11 Pro II tuner out of doors in Central Park, I decided to lower the wattage of my Yaesu FT-857D transceiver to 10 watts and change the mode to AM every time I switched bands. The tuner and the radio are connected via the radio's ACC port using the special cable I purchased for that purpose.
>
> My question is this. Was I right in lower the power before putting the radio on AM to tune or does the tuner lower the power and put the radio on AM automatically for me (though I may not see it happen) while tuning?
>
> Jose
> N2LRB

[Non-text portions of this message have been removed]

6412. Re: [LDG-auto-tuners] Z-11 Pro II Tuning Question

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-08-14 17:50:02 UTC
From: Leonard K. Pennock
Topic: 6410 Message: 6412

You weren't wrong but it really isn't necessary. The 857 has fold back
and will reduce power as SWR goes up.

The TXRQ line that the tuner hooks to on the 857 doesn't affect power
output of the radio so you would have to manually lower the power if you
are concerned with the fold back circuits operation.

On 08/13/2013 03:12 PM, n2lrb@... wrote:
> While using my Z-11 Pro II tuner out of doors in Central Park, I decided to lower the wattage of my Yaesu FT-857D transceiver to 10 watts and change the mode to AM every time I switched bands. The tuner and the radio are connected via the radio's ACC port using the special cable I purchased for that purpose.
>
> My question is this. Was I right in lower the power before putting the radio on AM to tune or does the tuner lower the power and put the radio on AM automatically for me (though I may not see it happen) while tuning?
>
> Jose
> N2LRB
>
>
>
>
>
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> ------------------------------------
>
> Yahoo! Groups Links
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>

--
Leonard K. Pennock
AD7AS

Those who walk bravely through life, unafraid of loss or failure,
find that they very rarely lose or fail.

6413. Re: LDG 100z plus as random wire tuner?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-08-14 20:41:04 UTC
From: n7mch
Topic: 6399 Message: 6413

Would you please send it to the whole group or at least include me in the email to Karston?

Thanks

73 de N7MCH Walt

--- In LDG-auto-tuners@yahoogroups.com, "Karsten Heddenhausen" <dc7os@...> wrote:
>
> Hi Steve!
>
>
>
> Could you send me a short description how to build this 4:1/1:1 balun? I've
> got the same problem. I want to use a 10m wire and some radials.
>
>
>
> 73 de Karsten DC7OS
>
>
>
> Von: LDG-auto-tuners@yahoogroups.com
> [mailto:LDG-auto-tuners@yahoogroups.com] Im Auftrag von Stephen Finch
> Gesendet: Dienstag, 13. August 2013 01:34
> An: LDG-auto-tuners@yahoogroups.com
> Betreff: RE: [LDG-auto-tuners] Re: LDG 100z plus as random wire tuner?
>
>
>
>
>
>
> I homebrewed a 4:1 / 1:1 current balun in a single small plastic box. I
> have external banana plugs to select 1:1 or 4:1. I generally use the 4:1
> for a random wire, but on a few occasions I needed to switch to the 1:1 to
> get me Z-817 to match.
>
> Your other choice is to add 2 to 5 feet of wire to the random wire or to the
> counterpoise. This will change the input impedance.
>
> Steve Finch
> AIØW
> Technical Coordinator - North Florida Section
> Homosassa Springs, FL
> ai0w@... <mailto:ai0w%40arrl.net>
>
>

>
>
>
>
>
> [Non-text portions of this message have been removed]
>

6414. Re: Product Request

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-08-14 21:22:38 UTC
From: kd2cjj
Topic: 6389 Message: 6414

When I press the tune button on the Icom it lowers the power to 10 watts, it changes the mode to CW then sends a carrier to trigger a tune. The tuner finds a match and the radio go back to which ever mode you were on.

I want this type of function for any radio. All steps above with my Yaesu are manual... (Lower power, change mode, send carrier, - tuner kicks in -- then switch mode back, raise power)

--- In LDG-auto-tuners@yahoogroups.com, "Bill Aycock" <billaycock@...> wrote:
>
> Michael--
> You keep mentioning your ICOM--
> Which model Icom, and which tuner?
> And- can you tell me what actions happened, in sequence, when you pressed
> the "Tune" button on the Icom?
> You have me interested, now, even if still in the dark, as far as details
> go.
> Bill--W4BSG
>
> -----Original Message-----
> From: kd2cjj
> Sent: Friday, August 09, 2013 9:16 PM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: [LDG-auto-tuners] Re: Product Request
>
>
> Bill,
>
> they have a cat command to initiate a tune but LDG does not have any means
> of interfacing with the radio.
>
> The net net is.. I want to be able to iniate a tune using the tune button on
> my radio having a Yaesu FTDX3000. My last radio an ICOM had no issue
> interfacing.
> --- In LDG-auto-tuners@yahoogroups.com, "Bill Aycock" <billaycock@>
> wrote:
> >
> > Michael--
> > I just went back and read your last post again, and I am puzzled. I will
> > read the CAT manual for the FTDX3000 and see what command "Triggers" a
> > Tune
> > cycle (in a non-Yaesu Tuner).
> > As a matter of fact, which LDG tuner requires a CAT signal to initiate a
> > tune cycle?
> > Bill--W4BSG

> >
> > -----Original Message-----
> > From: kd2cjj
> > Sent: Friday, August 09, 2013 4:18 PM
> > To: LDG-auto-tuners@yahoogroups.com
> > Subject: [LDG-auto-tuners] Re: Product Request
> >
> > David,
> >
> > I might not have been clear in what I want.
> >
> > I want to be able to use the Tune button on my radio to perform all
> > operations, not the other way around.
> >
> > Each radio implements various ways to initiate a tune once those CAT
> > commands have execute. As an example the IC7000 radio does not use CAT to
> > initiate a tune to the tuner where the FTDX3000 DOES issue CAT commands to
> > the tuner as part of the tuning process.
> >
> > The fact that each radio may have different CAT commands is a simple
> > problem
> > for most software implementations. You can easily abstract CAT commands
> > to
> > internal tuner commands. You may not be able to auto sense what radio is
> > connected but you could through dip switches force profiles for each
> > radio.
> > I attempted to build a wire from my FTDX3000 to my current LDG and found
> > that it was a mute point as my radio needs an intelligent tuner that can
> > decipher the CAT commands issued to the tuner which tells the tuner to
> > trigger a tune. The fact that there is not standard for CAT isnt the
> > obstacle; understanding each radios commands maybe that obstacle, but most
> > are published. You dont have to release EVERY radio either. You can
> > through firmware updates add those commands as needed/found. Furthermore,
> > you really dont need to interface with the radio as you described (though
> > some tuners do). You can keep the tuner very decoupled from the radio and
> > only do the minimum needed to initiate and sustain the tune. There could
> > be
> > a reason why it cant be done but no offence the argument you posed doesnt
> > hold weight with me. Unfortunately I am not an electrical engineer so I
> > am
> > not schooled on how the physical implementation can be done but from the
> > software side I am very confident it can be done.
> >
> >
> > --- In LDG-auto-tuners@yahoogroups.com, "Bill Aycock" <billaycock@>
> > wrote:
> > >
> > > David--
> > > One thing is certain-- you don't understand the problem. There is
> > > nothing

> > > needed IN THE TUNER to make this happen. All the various interfaces only
> > > make things happen in the Radio.
> > >
> > > All the tuner needs is an RF signal to do its thing; The various
> > > interfaces
> > > just change the radio to make it do the right thing. Radios, in todays
> > > market, have great variation in operation. LDG has taken advantage of
> > > this
> > > market to provide control of some radios.
> > >
> > > Most of the time, the following sequence is done.
> > >
> > > 1. Set the radio to a reduced power level, using a CAT command. Remember
> > > where you were, using a CAT Query.
> > > 2. Put the radio into a mode that allows a continuous carrier.(eg, CW,
> > > AM,
> > > or tone modulated SSB), using CAT commands. Remember where you were,
> > > using
> > > a
> > > CAT query.
> > > 3. Turn on the Carrier, using CAT command.
> > > 4. Measure the outgoing and reflected signals at the Antenna port.
> > > 5. Calculate the equivalent to SWR and compare the value to a desired
> > > value.
> > > 6. Using a proprietary Algorithm, Make tuner changes and repeat step 5
> > > until
> > > happy.
> > > 7. Using CAT command, Turn the carrier off.
> > > 8. Using CAT commands, reset the Mode and power levels to original
> > > values.
> > > 9. Stand by for normal operation, being ready to do steps 4, 5, and 6
> > > continuously.
> > >
> > > Please note how many of these steps require communication with the
> > > radio,
> > > and reflect on how many different sets of commands there are across the
> > > many
> > > brands and models there are in the market. There is NO standard.
> > >
> > > You need to talk to the radio manufacturers, not LDG. Meanwhile, have
> > > the
> > > grace to thank LDG for every special adaptation they make available.
> > > Bill--W4BSG
> > > -----Original Message-----
> > > From: kd2cjj
> > > Sent: Friday, August 09, 2013 10:33 AM
> > > To: LDG-auto-tuners@yahoogroups.com
> > > Subject: [LDG-auto-tuners] Product Request
> > >
> > > I don't have the engineering skills to develop this so I am making a

> > > request.
> > >
> > > Most brands of radios have different methods of interfacing with an
> > > external
> > > tuner. Why cant LDG create an external rib box that can interface with
> > > ALL
> > > LDG tuners that can translate the needs of ANY radio? Its frustrating
> > > that
> > > my current generic LDG tuner AT 100 PRO II interfaces with my older ICOM
> > > radio but not my new FTDX3000. I would not mind spending as an option a
> > > rib
> > > box / cable that could interface between my radio and tuner. Yes I got
> > > spoiled with the integration between the Icom and LDG tuner and I want
> > > to
> > > be
> > > continually spoiled as I change radios... I am considering now to
> > > upgrade
> > > to
> > > a 1KW tuner and now at a cross roads... I should not haveto change
> > > manufacturers of tuners (yes I have actually considered going to Mighty
> > > Fine
> > > Junk to get back that seamless integration) OR buy a special LDG Tuner
> > > (which they dont have actually but other Yaesu models they hve special
> > > tuners - thats nuts!) to get this capability... This would not only
> > > make
> > > the customer happy but improve your margins lowering your number of
> > > products
> > > in your catalog...
> > >
> > > I also want self up-gradable firmware updates... In today's age this is
> > > commodity for most products... even the other guy can do this... I know
> > > there must be improvement of tuning algorithms thus want to apply those
> > > updates as they come out.. I see many complaints here about the AT 600
> > > PRO
> > > II that surely could be resolved with firmware updates..
> > >
> > > I don't mind paying a little more to get these features...
> > >
> > > LDG you listening?
> > >
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> > > Yahoo! Groups Links
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> Yahoo! Groups Links
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6415. Re: LDG 600 Pro II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-08-15 19:29:21 UTC
From: brad_ka3yan
Topic: 6148 Message: 6415

Tom,

This is a common problem. Oh and yes, I realize that my answer was no help. I think you just have to accept that the 600Pro/ProII will not necessarily tune the same things that the 100 & 200 Pro/ProII will.

73,
Brad KA3YAN

--- In LDG-auto-tuners@yahoogroups.com, "bfdbox122" <tccarroll@...> wrote:
>
> Greeting to the group...
>
> I have a problem with my new 600 Pro II that you folks may help me with.
>
> I have a 200 Pro II that I use with a Kenwood TS-940 and a 41 foot vertical which works great and I could not ask for a better Auto tuner. Tunes fast and a low SWR on both the Bar Graph and a second SWR meter.
>
> I purchased a 600 Pro II to use on the same setup with a amplifier in the future. It tunes OK on 40, 15 and 17 but not as low a SWR as the 200 Pro II. But it will not lock up on 20 and shows a SWR above 1:7 or above 2:0. I TX LDG but did not get my problem solved to my satisfaction. They suggested setting the SWR threshold higher than 1.7. I set it to 2.0 and higher with no better results. I switch back to my 200 Pro II and its 1.3 or better right away.
>
> Any ideas? Thanks in advance.
>
> Tom Carroll, W9CSX
> Practice Safe CSX
>

6416. Re: LDG 600 Pro II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-08-16 21:00:35 UTC
From: kd2cjj
Topic: 6148 Message: 6416

Have you tried manually tuning. Get a match with the auto tuner as good as it will get... then hit the L up or down. Watch the SWR. Keep hitting up or down until it wont go lower.. then hit the C button up or down until it gets to the lowest SWR. Then you can hit Func. Store to store that setting. I know you should not have to do this but even on my AT100PRO II I have to do this some times. The threshold will help, but it may not. If all else fails add or remove 5 - 7 feet of feedline. A little bit could make the difference.

--- In LDG-auto-tuners@yahoogroups.com, "brad_ka3yan" <bradm75@...> wrote:
>
> Tom,
>
> This is a common problem. Oh and yes, I realize that my answer was no help. I think you just have to accept that the 600Pro/ProII will not necessarily tune the same things that the 100 & 200 Pro/ProII will.
>
> 73,
> Brad KA3YAN
>
> --- In LDG-auto-tuners@yahoogroups.com, "bfdbox122" <tccarroll@> wrote:
> >
> > Greeting to the group...
> >
> > I have a problem with my new 600 Pro II that you folks may help me with.
> >
> > I have a 200 Pro II that I use with a Kenwood TS-940 and a 41 foot vertical which works great and I could not ask for a better Auto tuner. Tunes fast and a low SWR on both the Bar Graph and a second SWR meter.
> >
> > I purchased a 600 Pro II to use on the same setup with a amplifier in the future. It tunes OK on 40, 15 and 17 but not as low a SWR as the 200 Pro II. But it will not lock up on 20 and shows a SWR above 1:7 or above 2:0. I TX LDG but did not get my problem solved to my satisfaction. They suggested setting the SWR threshold higher than 1.7. I set it to 2.0 and higher with no better results. I switch back to my 200 Pro II and its 1.3 or better right away.
> >
> > Any ideas? Thanks in advance.
> >
> > Tom Carroll, W9CSX
> > Practice Safe CSX
> >
>

6417. Re: [LDG-auto-tuners] Re: Product Request

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-08-16 21:49:20 UTC
From: Bill Aycock
Topic: 6389 Message: 6417

E--
I think your comments belong somewhere else, because much of what you say does not apply to LDG tuners, which is the focus of this group. Your #3 was the first, obvious miss-fit. The 3:1 SWR problem is true of the Yaesu internal tuner, but not many other, external tuners, such as the LDG line.
Bill--W4BSG

-----Original Message-----
From: E
Sent: Monday, August 12, 2013 10:13 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: Product Request

I did some extensive work with auto tuners and the FT-950.
There are a few issues that would need to be addressed in order to have a "universal interface capable" tuner.

1) The interface voltage levels would need to be programmable.

2) The protocol used might be as simple as level shifting or as complex as commands with expected responses - both approaches, and every protocol used would need to be handled.

3) And here is the kicker... some "Tune" sequences, such as the FT-950 tune sequence, will only get past the first its' first RF output test IF the SWR is approx 3:1 or lower. The only way to guarantee this is to provide an antenna load in the tuner itself which would be in the antenna path (instead of the actual antenna) for the first RF output test and then switch out of the antenna path for the actual tuning sequence. This is why the AT-200 Pro I have will not work properly with the FT-950's "tune" button.

There was a Yaesu interface device sold which would translate the CAT command sequence into the level shifting sequence that ICOM used (uses?) but without being able to limit the initial SWR results to 3:1 or lower, the device only worked when the antenna was already close to being tuned before the tuning started.

All that being said, a modular tuner with a "base unit" that included a loading resistor and relays to switch it into/out of the RF path as well as the RC tuning components, the forward and reverse power measurement sensing and the smarts to determine an acceptable LC configuration should be possible to build and could be coupled to a interface specific front end, but the result may be more complex and therefore more expensive than most everyone would actually need for any given radio.

73,
Gene, W1EBR

--- In LDG-auto-tuners@yahoogroups.com, "vk2rf" <raffy599@...> wrote:
>
>
>
> I too would be interested in interfacing multiple radios to one tuner so
> that each radio's "tune" button works.
> I'm sure CAT is not the "only" way. Frequency sensing circuits are used in
> many devices now.
> Interestingly, my Icom IC7600 internal tuner menu has a setting that will
> tune on PTT in ANY mode where it senses the SWR to be too high.
> It must be possible, but at what cost?
> I imagine it's easy with carrier based modes. but what about SSB. Does the
> tuner need to have a 10 watt frequency agile HF transmitter embedded(as it
> could), together with frequency sensing circuit.
> If Byonics can sell an APRS tracker plus 10 watt VHF FM transceiver for
> $US220, anything is possible !
> (Now I wish I could patent the idea....)
> 73 de Raffy VK2RF
>
>
> --- In LDG-auto-tuners@yahoogroups.com, "kd2cjj" <mikelebron@> wrote:
> >
> > David,
> >
> > I might not have been clear in what I want.
> >
> > I want to be able to use the Tune button on my radio to perform all
> > operations, not the other way around.
> >
> > Each radio implements various ways to initiate a tune once those CAT
> > commands have execute. As an example the IC7000 radio does not use CAT
> > to initiate a tune to the tuner where the FTDX3000 DOES issue CAT
> > commands to the tuner as part of the tuning process.
> >
> > The fact that each radio may have different CAT commands is a simple
> > problem for most software implementations. You can easily abstract CAT
> > commands to internal tuner commands. You may not be able to auto sense
> > what radio is connected but you could through dip switches force
> > profiles for each radio. I attempted to build a wire from my FTDX3000
> > to my current LDG and found that it was a mute point as my radio needs
> > an intelligent tuner that can decipher the CAT commands issued to the
> > tuner which tells the tuner to trigger a tune. The fact that there is
> > not standard for CAT isnt the obstacle; understanding each radios
> > commands maybe that obstacle, but most are published. You dont have to
> > release EVERY radio either. You can through firmware updates add those
> > commands as needed/found. Furthermore, you really dont need to
> > interface with the radio as you described (though some tuners do). You
> > can keep the tuner very decoupled from the radio and only do the minimum
> > needed to initiate and sustain the tune. There could be a reason why it
> > cant be done but no offence the argument you posed doesnt hold weight
> > with me. Unfortunately I am not an electrical engineer so I am not

> > schooled on how the physical implementation can be done but from the
> > software side I am very confident it can be done.
> >
> >
> > --- In LDG-auto-tuners@yahoogroups.com, "Bill Aycock" <billaycock@>
> > wrote:
> > >
> > > David--
> > > One thing is certain-- you don't understand the problem. There is
> > > nothing
> > > needed IN THE TUNER to make this happen. All the various interfaces
> > > only
> > > make things happen in the Radio.
> > >
> > > All the tuner needs is an RF signal to do its thing; The various
> > > interfaces
> > > just change the radio to make it do the right thing. Radios, in todays
> > > market, have great variation in operation. LDG has taken advantage of
> > > this
> > > market to provide control of some radios.
> > >
> > > Most of the time, the following sequence is done.
> > >
> > > 1. Set the radio to a reduced power level, using a CAT command.
> > > Remember
> > > where you were, using a CAT Query.
> > > 2. Put the radio into a mode that allows a continuous carrier.(eg, CW,
> > > AM,
> > > or tone modulated SSB), using CAT commands. Remember where you were,
> > > using a
> > > CAT query.
> > > 3. Turn on the Carrier, using CAT command.
> > > 4. Measure the outgoing and reflected signals at the Antenna port.
> > > 5. Calculate the equivalent to SWR and compare the value to a desired
> > > value.
> > > 6. Using a proprietary Algorithm, Make tuner changes and repeat step 5
> > > until
> > > happy.
> > > 7. Using CAT command, Turn the carrier off.
> > > 8. Using CAT commands, reset the Mode and power levels to original
> > > values.
> > > 9. Stand by for normal operation, being ready to do steps 4, 5, and 6
> > > continuously.
> > >
> > > Please note how many of these steps require communication with the
> > > radio,
> > > and reflect on how many different sets of commands there are across
> > > the many
> > > brands and models there are in the market. There is NO standard.
> > >

> > > You need to talk to the radio manufacturers, not LDG. Meanwhile, have
> > > the
> > > grace to thank LDG for every special adaptation they make available.
> > > Bill--W4BSG
> > > -----Original Message-----
> > > From: kd2cjj
> > > Sent: Friday, August 09, 2013 10:33 AM
> > > To: LDG-auto-tuners@yahoogroups.com
> > > Subject: [LDG-auto-tuners] Product Request
> > >
> > > I don't have the engineering skills to develop this so I am making a
> > > request.
> > >
> > > Most brands of radios have different methods of interfacing with an
> > > external
> > > tuner. Why cant LDG create an external rib box that can interface
> > > with ALL
> > > LDG tuners that can translate the needs of ANY radio? Its frustrating
> > > that
> > > my current generic LDG tuner AT 100 PRO II interfaces with my older
> > > ICOM
> > > radio but not my new FTDX3000. I would not mind spending as an option
> > > a rib
> > > box / cable that could interface between my radio and tuner. Yes I
> > > got
> > > spoiled with the integration between the Icom and LDG tuner and I want
> > > to be
> > > continually spoiled as I change radios... I am considering now to
> > > upgrade to
> > > a 1KW tuner and now at a cross roads... I should not haveto change
> > > manufacturers of tuners (yes I have actually considered going to
> > > Mighty Fine
> > > Junk to get back that seamless integration) OR buy a special LDG Tuner
> > > (which they dont have actually but other Yaesu models they hve special
> > > tuners - thats nuts!) to get this capability... This would not only
> > > make
> > > the customer happy but improve your margins lowering your number of
> > > products
> > > in your catalog...
> > >
> > > I also want self up-gradable firmware updates... In today's age this
> > > is
> > > commodity for most products... even the other guy can do this... I
> > > know
> > > there must be improvement of tuning algorithms thus want to apply
> > > those
> > > updates as they come out.. I see many complaints here about the AT
> > > 600 PRO
> > > II that surely could be resolved with firmware updates..
> > >

> > > I don't mind paying a little more to get these features...
> > >
> > > LDG you listening?
> > >
> > >
> > >
> > > ---
> > >
> > > Yahoo! Groups Links
> > >
> >
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Yahoo! Groups Links

6418. Tuneable SWR range

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-08-17 02:23:43 UTC
From: Furliips Stardust
Topic: 6389 Message: 6418

A basic understanding of SWR seems to be the issue with what a tuner can and can not adjust to.

<http://www.moonraker.com.au/techni/smith.jpg>

This is a "Constant SWR circle" on a Smith Chart. The values corresponding to an SWR of 3:1 are on the edge of the circle.
Note that ONLY TWO places on the circle are resistive. 0.33 and 3.0 on the horizontal flat line across the center of the chart.

All other points have a combination of a real (resistive) part and a imaginary (reactive) part being either inductive or capacitive.

Most "modern" transceivers with a built in antenna tuner claim to be able to adjust up to a 3:1 SWR.
Most "modern" stand-alone antenna tuners claim to be able to adjust up to a 10:1 SWR.

When you consider the near infinite range of variables to be compensated for it's amazing that an antenna tuner can do the job as well as it does.

If you have a basic understanding of how a Smith Chart works, you can see how adding or subtracting a length of antenna feed line will affect what the tuner has to compensate. Also, proper selection of a Balun or Un-un to put the antenna into a range the tuner can compensate for is equally important.

Contrary to popular belief, antenna tuners typically will NOT adjust "Anything from my wife's panties to the neighbors chain link fence."

Jeff-1.0
wa6fwi

[Non-text portions of this message have been removed]

6419. SWR Reading on Radio VS on LDG Tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-08-17 03:38:13 UTC
From: kd2cjj
Topic: 6419 Message: 6419

I have noticed this since the day I got my AT100PROII and now on my AT1000PROII.... Why for some frequencies within a band does the radio show a much higher SWR vs what is on the tuner? Is there anything I can do to lower the SWR on the radio other than tuning the tuner? I have confirmed that it is not my radio since the SWR meter reads what my radio is reading. Now this is two tuners doing this..

Thanks

6420. Re: [LDG-auto-tuners] SWR Reading on Radio VS on LDG Tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-08-17 04:08:55 UTC
From: KK2DOG in NY
Topic: 6419 Message: 6420

I personally use outboard swr/wattmeters (Diawa & Palstar) and go with whatever they say.

KK2DOG
Owner/Admin
www.hamwave.com

From: kd2cjj <mikelebron@...>
To: LDG-auto-tuners@yahoogroups.com
Sent: Friday, August 16, 2013 11:38 PM
Subject: [LDG-auto-tuners] SWR Reading on Radio VS on LDG Tuner

I have noticed this since the day I got my AT100PROII and now on my AT1000PROII.... Why for some frequencies within a band does the radio show a much higher SWR vs what is on the tuner? Is there anything I can do to lower the SWR on the radio other than tuning the tuner? I have confirmed that it is not my radio since the SWR meter reads what my radio is reading. Now this is two tuners doing this..

Thanks

[Non-text portions of this message have been removed]

6421. Re: SWR Reading on Radio VS on LDG Tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-08-17 11:41:10 UTC
From: kd2cjj
Topic: 6419 Message: 6421

It depends where you out the tuner, before or after the tuner.

If I put my external meter before the tuner it matches the radio Swr reading. If I put it after the tuner it of course shows the real Swr.

The point I am getting at is why is the tuners Swr so off from anything before the tuner only sometimes. Other times its close or right on.

As an example I could be showing a 1:1 on the ldg and a 2:1 on the radio. That's a big difference. It's not the radio's meter because it shows what my external meter reads.

This poses an issue because the tuner thinks everything is fine meanwhile the radio is folding back. It won't tune down... Some times even if I manually tune using the buttons the tune shows a 1:1 but the radio and meter won't go lower than a 1.8:1 or even worse.

I have tried different cables, putting ferrites on the feed lines, etc. no help... What gives?

--- In LDG-auto-tuners@yahoogroups.com, KK2DOG in NY <kk2dog@...> wrote:
>
> I personally use outboard swr/wattmeters (Diawa & Palstar) and go with whatever they say.
>
>
> Â
> Â Â Â KK2DOG
> Â Â Owner/Admin
> www.hamwave.com
>
>
> _____
> From: kd2cjj <mikelebron@...>
> To: LDG-auto-tuners@yahoogroups.com
> Sent: Friday, August 16, 2013 11:38 PM
> Subject: [LDG-auto-tuners] SWR Reading on Radio VS on LDG Tuner
>
>
>
> Â
> I have noticed this since the day I got my AT100PROII and now on my AT1000PROII.... Why for some frequencies within a band does the radio show a much higher SWR vs what is on the tuner? Is there anything I can do to lower the SWR on the radio other than tuning the tuner? I have confirmed that it is not my radio since the SWR meter reads what my radio is reading. Now this is two tuners doing this..
>
> Thanks
>

>
>
>
> [Non-text portions of this message have been removed]
>

6422. Re: [LDG-auto-tuners] Re: SWR Reading on Radio VS on LDG Tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-08-17 14:12:53 UTC
From: Furliips Stardust
Topic: 6419 Message: 6422

This goes back to the problem of RF getting into the tuner. And it doesn't HAVE to get in via the DC power cable, or the antenna cables.
ANY RF getting into the detector from anything other than the true reflected RF is going to adversely affect the readings. It also causes
the tuner to retune when it should be just fine.

This is why I repeatedly tell people "Buy a hand full of ferrite chokes and experiment. Because you'll be surprised where one WILL make a difference."

As an example, I needed one on the 6' USB cable to the printer. At the PC end of the cable. That shouldn't have made ANY difference, but it did.

Jeff-1.0
wa6fwi

From: kd2cjj <mikelebron@...>
I have tried different cables, putting ferrites on the feed lines, etc. no help... What gives?

[Non-text portions of this message have been removed]

6423. Re: SWR Reading on Radio VS on LDG Tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-08-17 18:18:30 UTC
From: aswoodhull
Topic: 6419 Message: 6423

I noticed with my Z-11 (original) that the internal SWR metering on the FT-817 was not showing minimum when the the Z-11 finished tuning. I can get significantly more power out of the 817 when I use the CAP and IND up/down switches on the Z-11 to minimize the SWR as seen by the 817. I assumed that this was a problem with the calibration of the LDG, and I got a helpful reply when I wrote to LDG tech support for guidance in how to adjust the Z-11 internally. It has been my intention to do this with a good dummy load, but I haven't done so yet, and I realized I should also try to find out if there is a way to calibrate the SWR sensing circuits in the transceiver.

In the end, however, I expect I will go with whatever makes the QRP transceiver happiest, since it will actively reduce power output if it doesn't like the SWR it senses.

I also have a Z-100Plus that I use with an Alinco DX-70 for QRO operation. The Z-100 doesn't have provision for adjusting its L and C manually, and the DX-70 doesn't indicate sensed SWR, so I'm not sure whether I have problems with this combo.

All that said, I had not considered that r.f. could be getting into the tuner as suggested by WA6FWI. For both of my setups I use very short coax from transceiver to tuner and the 12 V supply lines are also Y-connected very close to both units.

- Al N1AW

--- In LDG-auto-tuners@yahoogroups.com, Furliips Stardust <grendelair@...> wrote:
>
> This goes back to the problem of RF getting into the tuner. And it doesn't HAVE to get in via the DC power cable, or the antenna cables.
> ANY RF getting into the detector from anything other than the true reflected RF is going to adversely affect the readings. It also causes
...

6424. Re: [LDG-auto-tuners] Re: SWR Reading on Radio VS on LDG Tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-08-17 22:04:38 UTC
From: Craig
Topic: 6419 Message: 6424

You might try the z-817 tuner as it is designed specifically for the FT-817 and will give a great match.

Craig

On Aug 17, 2013, at 2:18 PM, "aswoodhull" <aswoodhull@...> wrote:

>
>
>
>
>
> I noticed with my Z-11 (original) that the internal SWR metering on the FT-817 was not showing minimum when the the Z-11 finished tuning. I can get significantly more power out of the 817 when I use the CAP and IND up/down switches on the Z-11 to minimize the SWR as seen by the 817. I assumed that this was a problem with the calibration of the LDG, and I got a helpful reply when I wrote to LDG tech support for guidance in how to adjust the Z-11 internally. It has been my intention to do this with a good dummy load, but I haven't done so yet, and I realized I should also try to find out if there is a way to calibrate the SWR sensing circuits in the transceiver.
>
> In the end, however, I expect I will go with whatever makes the QRP transceiver happiest, since it will actively reduce power output if it doesn't like the SWR it senses.
>
> I also have a Z-100Plus that I use with an Alinco DX-70 for QRO operation. The Z-100 doesn't have provision for adjusting its L and C manually, and the DX-70 doesn't indicate sensed SWR, so I'm not sure whether I have problems with this combo.
>
> All that said, I had not considered that r.f. could be getting into the tuner as suggested by WA6FWI. For both of my setups I use very short coax from transceiver to tuner and the 12 V supply lines are also Y-connected very close to both units.
>
> - Al N1AW
>
> --- In LDG-auto-tuners@yahoogroups.com, Furliips Stardust <grendelair@...> wrote:
>>
>> This goes back to the problem of RF getting into the tuner. And it doesn't HAVE to get in via the DC power cable, or the antenna cables.
>> ANY RF getting into the detector from anything other than the true reflected RF is going to adversely affect the readings. It also causes
> ...
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>
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> Yahoo! Groups Links
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6425. Re: SWR Reading on Radio VS on LDG Tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-08-17 23:21:36 UTC
From: kd2cjj
Topic: 6419 Message: 6425

I did some experimenting with my new AT1000 PRO II (also have a 100PRO II that is being replaced).

What I have noticed is that some times it does NOT actually find the best match. Some times its on the fringe and incorrectly selects the wrong Hi/LoZ. Under the circumstances that this happens I noticed that the SWRs are not matching the radio, by a significant amount...

I will do a comparison between the my AT PRO II 100 vs 1000 to give the rest of my findings in a different thread. With that said, there is surely something afoot. Can LDG chime in on this issue?

--- In LDG-auto-tuners@yahoogroups.com, Craig <cpu_nut@...> wrote:
>
> You might try the z-817 tuner as it is designed specifically for the FT-817 and will give a great match.
>
> Craig
>
> On Aug 17, 2013, at 2:18 PM, "aswoodhull" <aswoodhull@...> wrote:
>
> >
> >
> >
> >
> >
> > I noticed with my Z-11 (original) that the internal SWR metering on the FT-817 was not showing minimum when the the Z-11 finished tuning. I can get significantly more power out of the 817 when I use the CAP and IND up/down switches on the Z-11 to minimize the SWR as seen by the 817. I assumed that this was a problem with the calibration of the LDG, and I got a helpful reply when I wrote to LDG tech support for guidance in how to adjust the Z-11 internally. It has been my intention to do this with a good dummy load, but I haven't done so yet, and I realized I should also try to find out if there is a way to calibrate the SWR sensing circuits in the transceiver.
> >
> > In the end, however, I expect I will go with whatever makes the QRP transceiver happiest, since it will actively reduce power output if it doesn't like the SWR it senses.
> >
> > I also have a Z-100Plus that I use with an Alinco DX-70 for QRO operation. The Z-100 doesn't have provision for adjusting its L and C manually, and the DX-70 doesn't indicate sensed SWR, so I'm not sure whether I have problems with this combo.
> >
> > All that said, I had not considered that r.f. could be getting into the tuner as suggested by WA6FWI. For both of my setups I use very short coax from transceiver to tuner and the 12 V supply lines are also Y-connected very close to both units.
> >
> > - Al N1AW

> >
> > --- In LDG-auto-tuners@yahoogroups.com, Furliips Stardust <grendelair@> wrote:
> >>
> >> This goes back to the problem of RF getting into the tuner. And it doesn't HAVE to get in via the DC power cable, or the antenna cables.
> >> ANY RF getting into the detector from anything other than the true reflected RF is going to adversely affect the readings. It also causes
> > ...
> >
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
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> >
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6426. Impression of LDG AT 1000 PRO II vs LDG AT 100 PRO II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-08-18 00:14:38 UTC
From: kd2cjj
Topic: 6426 Message: 6426

I just upgraded to the 1000 coming from a 100 in anticipating of getting an amp. I have a TGM MQ26 Mini beam antenna which has about 100 Khz of bandwidth (<2:1 SWR). At resonance the antenna is 1.3 which is set to 14.265. I have a Yaesu FTDX 3000. Feedline is LMR400 Flex about 45 feet (roughly).

Here are my observations:

Size: Its massive. Easily twice the size over all.

Noise: It scared me the firt time it tune! LOL. I thought it was going to explode. The 100 is noisy but the 1000 fogetabowit!
Speed to Tune: A little slower for the band edges where I have a 9:1 SWR. Towards resonance part of the band its the same. And pulling from a memory slot is just about the same.

Bandwidth of the Tuner: With T networks you have virtually no bandwidth. In other words once you leave where you have tuned you need to retune. L Network based tuners you have a very wide bandwidth due to the nature of the tuners Network. Anyway, the 1000 has significant improvement on bandwidth. My 100 has about 60Khz on a non-resonant portion of the band. With the 1000 I have about 125Khz before a tune needs to happen. I am very happy about this!

Efficiency: I can seeing more power leave the tuner. I generally would average around 75 watts leaving the tuner; I am now seeing close to 80 and 90 watts average. This is not scientific as I am only comparing using my power meter. But I am seeing an improvement.

Matching: The AT 100 PRO II tuned everything I through at it EXCEPT 1 frequency 14.346. I would get a 3:1 SWR. I could NEVER tune that frequency for some reason on the 100. The same on the 1000. It could not tune it. And the kicker was I could not tune either at the low end either.. I lost the ability to get a good match (less than 2:1) on frequencies like 14.070. I like to work digital so I was very upset. On the 100 it tunes to a 1:1. On the 1000 it was about a 2:1 on my radio and it said 1.7:1 on the tuner. In either case my radio was folding back. It was usable but still not happy. I have become a blackbelt at using the LDG tuners; I tried using all the manual settings and to no avail. I also added and removed feedline length. Didnt help. I started to clean my office and I found a Balun Designs high power 1:1 balun that I had used on an old dipole - this one had SO239s on each end. I decided to give it a shot and put it in line... Amazing!!! I got a 1:1. And the 14.346 which I could not tune before it tuned to a 1.3:1! I suspect there is loss being added thus lowering the SWR BUT my power meter is reading the same. I did many tests with and without and saw no difference in my signal reports. I am now wondering if I had common mode (even small amounts) that were getting into the tuner? Could this tuner be more suseptable? Can anyone shed light on this? If anyone else has a similar balun can you try this if your having an issue with tuning? Keep in mind this is not a simple ferrite over coax balun. It is a high performance guanella balun. Any feedback appreciated..

I dont have my amp yet (its my first). I will post back my experience when I get it.

6427. Re: [LDG-auto-tuners] Re: SWR Reading on Radio VS on LDG Tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-08-18 01:37:37 UTC
From: Furliips Stardust
Topic: 6419 Message: 6427

The station here: Icom IC-761. 12" Jumper RG-214 to Kenwood SM-220. 18" Jumper to LDG Z11 Pro II. 12" Jumper to 9:1 Balun. 35' 450 Ohm window line to 102' doublet inverted-V. Behind the station I have an 8' L-shaped piece of 3/4" copper pipe with 12" #10 AWG jumpers to tie all the equipment to ground. Including the PC and tuner, etc..
And #4 AWG from the station ground, to the earth ground and tower bond to ground.

Despite that, I have several Ferrite snap on cores in various places to make the entire package act civilized.

Jeff-1.0
wa6fwi

_____
From: aswoodhull <aswoodhull@...>

All that said, I had not considered that r.f. could be getting into the tuner as suggested by WA6FWI. For both of my setups I use very short coax from transceiver to tuner and the 12 V supply lines are also Y-connected very close to both units.

- Al N1AW

[Non-text portions of this message have been removed]

6428. RT-100 Update

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-08-19 05:14:24 UTC
From: Dwayne
Topic: 6428 Message: 6428

Preliminary information has been posted to the LDG web site. We even have a preliminary manual. The expected ship date is in September 2013. As you may have seen, we have already been field testing the first prototypes.

Unfortunately, the AL-100 has had the most production delays of just about any project that we have ever done. The new ship date is also September 2013.

We'll keep you posted on any changes.

Dwayne Kincaid
LDG

6429. Re: RT-100 Update

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-08-19 06:58:32 UTC
From: Ken
Topic: 6428 Message: 6429

Very interesting but looks like those of us in the cold white north will need to work out a way of keeping it warm in the winter ..

73 - Ken - VE5KC
- MM Hamsoft - http://hamsoft.ca
- VE5KC - http://ham-radio.ca
- Amateur Radio Link - http://amateur-radio.ca

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
> Preliminary information has been posted to the LDG web site. We even have a preliminary manual. The expected ship date is in September 2013. As you may have seen, we have already been field testing the first prototypes.
>
> Unfortunately, the AL-100 has had the most production delays of just about any project that we have ever done. The new ship date is also September 2013.
>
> We'll keep you posted on any changes.
>
> Dwayne Kincaid
> LDG
>

6430. Fixed my tuning issue when going from AT 100 PRO II to 1000 PRO II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-08-19 14:17:53 UTC
From: kd2cjj
Topic: 6430 Message: 6430

I see some complaints that the 100 can tune anything and the 600 (especially) and 1000 cant tune OR get as low as the 100.

Guess what, When I got my 1000 I had the same issue. I could not tune as low in some areas and I just could not tune within resonance frequencies that went to a 1:1 on the 100. Like the rest of you I was pretty upset. After finding the solution, hands down the 1000 is a better tuner all the way from efficiency to bandwidth (see my other thread).

I experimented in a few places and found MY solution. I cant guarantee that this will fix yours but its worth a try.

The ONLY change I did (after much testing/fooling around) that fixed the issue was adding a guanilla balun (balun designs) in my shack on the antenna side of the tuner (using a 3 foot RG213 jumper from the tuner to balun with LMR400 flex on the antenna side of the balun). I can now get a 1:1 on just about the entire band (a few areas where it wont tune, even using the manual buttons, better than a 1.5:1). On frequencies that refuse to get below a 2.5:1 (even using manual tuning) now are no more than 1.5:1. Frequencies that were a 2:1 are now 1:1. I suspect that high SWRs coupled with some stray common mode was the culprit. I believe the balun did two things. It not only added some loss it also removed any stray common mode both of which allowing the tuner to become more effective. I tried adding literally 30 feet of coax as one my experiments and that did not help. I say it must be either stray common mode or a little bit of loss plus common mode. Adding loss did NOT fix the issue.

I have validated that the loss added is not measurable by my cheap watt meter (it see no difference on put) and my audio reports are no worse. What I do see now is my transceiver for those frequencies that were a 2:1 is not folding back and putting out full power. And frequencies not tuneable below a 2.5:1, well they are now usable and with full power.

Let me know if this works for you!

6431. Re: RT-100 Update

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-08-19 14:19:04 UTC
From: kd2cjj
Topic: 6428 Message: 6431

Awesome! Let me know the the KW version comes out.. Im first on the list!
--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
> Preliminary information has been posted to the LDG web site. We even have a preliminary manual. The expected ship date is in September 2013. As you may have seen, we have already been field testing the first prototypes.
>
> Unfortunately, the AL-100 has had the most production delays of just about any project that we have ever done. The new ship date is also September 2013.
>
> We'll keep you posted on any changes.
>
> Dwayne Kincaid
> LDG
>

6432. Re: [LDG-auto-tuners] Fixed my tuning issue when going from AT 100 PRO II to 1000 PRO II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-08-19 16:20:27 UTC
From: Bill Aycock
Topic: 6430 Message: 6432

Please--
Just exactly what balun did you use? A search of the Balun Design website did not show such a Balun, either spelled as you had it (Guanilla) or correctly (Guanella). I know they make them, but they don't list them by that name.
Please give model number.
Bill--W4BSG

-----Original Message-----
From: kd2cjj
Sent: Monday, August 19, 2013 9:17 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Fixed my tuning issue when going from AT 100 PRO II to 1000 PRO II

I see some complaints that the 100 can tune anything and the 600 (especially) and 1000 cant tune OR get as low as the 100.

Guess what, When I got my 1000 I had the same issue. I could not tune as low in some areas and I just could not tune within resonance frequencies that went to a 1:1 on the 100. Like the rest of you I was pretty upset. After finding the solution, hands down the 1000 is a better tuner all the way from efficiency to bandwidth (see my other thread).

I experimented in a few places and found MY solution. I cant guarantee that this will fix yours but its worth a try.

The ONLY change I did (after much testing/fooling around) that fixed the issue was adding a guanilla balun (balun designs) in my shack on the antenna side of the tuner (using a 3 foot RG213 jumper from the tuner to balun with LMR400 flex on the antenna side of the balun). I can now get a 1:1 on just about the entire band (a few areas where it wont tune, even using the manual buttons, better than a 1.5:1). On frequencies that refuse to get below a 2.5:1 (even using manual tuning) now are no more than 1.5:1. Frequencies that were a 2:1 are now 1:1. I suspect that high SWRs coupled with some stray common mode was the culprit. I believe the balun did two things. It not only added some loss it also removed any stray common mode both of which allowing the tuner to become more effective. I tried adding literally 30 feet of coax as one my experiments and that did not help. I say it must be either stray common mode or a little bit of loss plus common mode. Adding loss did NOT fix the issue.

I have validated that the loss added is not measurable by my cheap watt meter (it see no difference on put) and my audio reports are no worse. What I do see now is my transceiver for those frequencies that were a 2:1 is not

folding back and putting out full power. And frequencies not tuneable below a 2.5:1, well they are now usable and with full power.

Let me know if this works for you!

Yahoo! Groups Links

6433. Re: Fixed my tuning issue when going from AT 100 PRO II to 1000 PRO II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-08-19 19:23:52 UTC
From: kd2cjj
Topic: 6430 Message: 6433

Sorry.... Fat fingered... Its a Guanilla Balun - different than a simple ferrite slipped over coax. Guanilla baluns offer greater choking impedance over simple ferrites over coax.

Here is the balun I am using:

Max Choking 1:1 Isolation Balun 1 - 54 MHz 5kW - #1115d
http://www.balundesigns.com/servlet/the-63/balun-designs-1-cln-1-Isolation/Detail

--- In LDG-auto-tuners@yahoogroups.com, "Bill Aycock" <billaycock@...> wrote:
>
> Please--
> Just exactly what balun did you use? A search of the Balun Design website
> did not show such a Balun, either spelled as you had it (Guanilla) or
> correctly (Guanella). I know they make them, but they don't list them by
> that name.
> Please give model number.
> Bill--W4BSG
>
> -----Original Message-----
> From: kd2cjj
> Sent: Monday, August 19, 2013 9:17 AM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: [LDG-auto-tuners] Fixed my tuning issue when going from AT 100 PRO
> II to 1000 PRO II
>
> I see some complaints that the 100 can tune anything and the 600
> (especially) and 1000 cant tune OR get as low as the 100.
>
> Guess what, When I got my 1000 I had the same issue. I could not tune as
> low in some areas and I just could not tune within resonance frequencies
> that went to a 1:1 on the 100. Like the rest of you I was pretty upset.
> After finding the solution, hands down the 1000 is a better tuner all the
> way from efficiency to bandwidth (see my other thread).
>
> I experimented in a few places and found MY solution. I cant guarantee that
> this will fix yours but its worth a try.
>
> The ONLY change I did (after much testing/fooling around) that fixed the
> issue was adding a guanilla balun (balun designs) in my shack on the antenna
> side of the tuner (using a 3 foot RG213 jumper from the tuner to balun with
> LMR400 flex on the antenna side of the balun). I can now get a 1:1 on just
> about the entire band (a few areas where it wont tune, even using the manual
> buttons, better than a 1.5:1). On frequencies that refuse to get below a
> 2.5:1 (even using manual tuning) now are no more than 1.5:1. Frequencies
> that were a 2:1 are now 1:1. I suspect that high SWRs coupled with some
> stray common mode was the culprit. I believe the balun did two things. It

> not only added some loss it also removed any stray common mode both of which
> allowing the tuner to become more effective. I tried adding literally 30
> feet of coax as one my experiments and that did not help. I say it must be
> either stray common mode or a little bit of loss plus common mode. Adding
> loss did NOT fix the issue.
>
> I have validated that the loss added is not measurable by my cheap watt
> meter (it see no difference on put) and my audio reports are no worse. What
> I do see now is my transceiver for those frequencies that were a 2:1 is not
> folding back and putting out full power. And frequencies not tuneable below
> a 2.5:1, well they are now usable and with full power.
>
> Let me know if this works for you!
>
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> Yahoo! Groups Links
>

6434. Re: Fixed my tuning issue when going from AT 100 PRO II to 1000 PRO II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-08-19 19:24:44 UTC
From: kd2cjj
Topic: 6430 Message: 6434

Guanella Guanella!!!

--- In LDG-auto-tuners@yahoogroups.com, "kd2cjj" <mikelebron@...> wrote:
>
> Sorry.... Fat fingered... Its a Guanilla Balun - different than a simple ferrite slipped over coax. Guanilla baluns offer greater choking impedance over simple ferrites over coax.
>
> Here is the balun I am using:
>
> Max Choking 1:1 Isolation Balun 1 - 54 MHz 5kW - #1115d
> http://www.balundesigns.com/servlet/the-63/balun-designs-1-cln-1-Isolation/Detail
>
>
> --- In LDG-auto-tuners@yahoogroups.com, "Bill Aycock" <billaycock@> wrote:
> >
> > Please--
> > Just exactly what balun did you use? A search of the Balun Design website
> > did not show such a Balun, either spelled as you had it (Guanilla) or
> > correctly (Guanella). I know they make them, but they don't list them by
> > that name.
> > Please give model number.
> > Bill--W4BSG
> >
> > -----Original Message-----
> > From: kd2cjj
> > Sent: Monday, August 19, 2013 9:17 AM
> > To: LDG-auto-tuners@yahoogroups.com
> > Subject: [LDG-auto-tuners] Fixed my tuning issue when going from AT 100 PRO
> > II to 1000 PRO II
> >
> > I see some complaints that the 100 can tune anything and the 600
> > (especially) and 1000 cant tune OR get as low as the 100.
> >
> > Guess what, When I got my 1000 I had the same issue. I could not tune as
> > low in some areas and I just could not tune within resonance frequencies
> > that went to a 1:1 on the 100. Like the rest of you I was pretty upset.
> > After finding the solution, hands down the 1000 is a better tuner all the
> > way from efficiency to bandwidth (see my other thread).
> >
> > I experimented in a few places and found MY solution. I cant guarantee that
> > this will fix yours but its worth a try.
> >
> > The ONLY change I did (after much testing/fooling around) that fixed the
> > issue was adding a guanilla balun (balun designs) in my shack on the antenna
> > side of the tuner (using a 3 foot RG213 jumper from the tuner to balun with

> > LMR400 flex on the antenna side of the balun). I can now get a 1:1 on just
> > about the entire band (a few areas where it wont tune, even using the manual
> > buttons, better than a 1.5:1). On frequencies that refuse to get below a
> > 2.5:1 (even using manual tuning) now are no more than 1.5:1. Frequencies
> > that were a 2:1 are now 1:1. I suspect that high SWRs coupled with some
> > stray common mode was the culprit. I believe the balun did two things. It
> > not only added some loss it also removed any stray common mode both of which
> > allowing the tuner to become more effective. I tried adding literally 30
> > feet of coax as one my experiments and that did not help. I say it must be
> > either stray common mode or a little bit of loss plus common mode. Adding
> > loss did NOT fix the issue.
> >
> > I have validated that the loss added is not measurable by my cheap watt
> > meter (it see no difference on put) and my audio reports are no worse. What
> > I do see now is my transceiver for those frequencies that were a 2:1 is not
> > folding back and putting out full power. And frequencies not tuneable below
> > a 2.5:1, well they are now usable and with full power.
> >
> > Let me know if this works for you!
> >
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> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
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6435. Re: Fixed my tuning issue when going from AT 100 PRO II to 1000 PRO II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-08-19 19:27:53 UTC
From: kd2cjj
Topic: 6430 Message: 6435

OMG>>>.

THe correct URL:

http://www.balundesigns.com/servlet/the-63/balun-designs-1-cln-1-Isolation/Detail

--- In LDG-auto-tuners@yahoogroups.com, "kd2cjj" <mikelebron@...> wrote:
>
> Sorry.... Fat fingered... Its a Guanilla Balun - different than a simple ferrite slipped over coax. Guanilla baluns offer greater choking impedance over simple ferrites over coax.
>
> Here is the balun I am using:
>
> Max Choking 1:1 Isolation Balun 1 - 54 MHz 5kW - #1115d
> http://www.balundesigns.com/servlet/the-63/balun-designs-1-cln-1-Isolation/Detail
>
>
> --- In LDG-auto-tuners@...m, "Bill Aycock" <billaycock@> wrote:
> >
> > Please--
> > Just exactly what balun did you use? A search of the Balun Design website
> > did not show such a Balun, either spelled as you had it (Guanilla) or
> > correctly (Guanella). I know they make them, but they don't list them by
> > that name.
> > Please give model number.
> > Bill--W4BSG
> >
> > -----Original Message-----
> > From: kd2cjj
> > Sent: Monday, August 19, 2013 9:17 AM
> > To: LDG-auto-tuners@yahoogroups.com
> > Subject: [LDG-auto-tuners] Fixed my tuning issue when going from AT 100 PRO
> > II to 1000 PRO II
> >
> > I see some complaints that the 100 can tune anything and the 600
> > (especially) and 1000 cant tune OR get as low as the 100.
> >
> > Guess what, When I got my 1000 I had the same issue. I could not tune as
> > low in some areas and I just could not tune within resonance frequencies
> > that went to a 1:1 on the 100. Like the rest of you I was pretty upset.
> > After finding the solution, hands down the 1000 is a better tuner all the
> > way from efficiency to bandwidth (see my other thread).
> >
> > I experimented in a few places and found MY solution. I cant guarantee that
> > this will fix yours but its worth a try.
> >

> > The ONLY change I did (after much testing/fooling around) that fixed the
> > issue was adding a guanilla balun (balun designs) in my shack on the antenna
> > side of the tuner (using a 3 foot RG213 jumper from the tuner to balun with
> > LMR400 flex on the antenna side of the balun). I can now get a 1:1 on just
> > about the entire band (a few areas where it wont tune, even using the manual
> > buttons, better than a 1.5:1). On frequencies that refuse to get below a
> > 2.5:1 (even using manual tuning) now are no more than 1.5:1. Frequencies
> > that were a 2:1 are now 1:1. I suspect that high SWRs coupled with some
> > stray common mode was the culprit. I believe the balun did two things. It
> > not only added some loss it also removed any stray common mode both of which
> > allowing the tuner to become more effective. I tried adding literally 30
> > feet of coax as one my experiments and that did not help. I say it must be
> > either stray common mode or a little bit of loss plus common mode. Adding
> > loss did NOT fix the issue.
> >
> > I have validated that the loss added is not measurable by my cheap watt
> > meter (it see no difference on put) and my audio reports are no worse. What
> > I do see now is my transceiver for those frequencies that were a 2:1 is not
> > folding back and putting out full power. And frequencies not tuneable below
> > a 2.5:1, well they are now usable and with full power.
> >
> > Let me know if this works for you!
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> >
> > Yahoo! Groups Links
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6436. Re: Fixed my tuning issue when going from AT 100 PRO II to 1000 PRO II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-08-19 19:29:12 UTC
From: kd2cjj
Topic: 6430 Message: 6436

```
BALUN Designs 1:1
<http://www.balundesigns.com/servlet/the-63/balun-designs-1-cln-1-Isolat\
ion/Detail>
--- In LDG-auto-tuners@yahoogroups.com, "kd2cjj" wrote:
>
> OMG>>>.
>
>
> THe correct URL:
>
>
http://www.balundesigns.com/servlet/the-63/balun-designs-1-cln-1-Isolati\
on/Detail
>
>
>
>
> --- In LDG-auto-tuners@yahoogroups.com, "kd2cjj" mikelebron@ wrote:
> >
> > Sorry.... Fat fingered... Its a Guanilla Balun - different than a
simple ferrite slipped over coax. Guanilla baluns offer greater choking
impedance over simple ferrites over coax.
> >
> > Here is the balun I am using:
> >
> > Max Choking 1:1 Isolation Balun 1 - 54 MHz 5kW - #1115d
> >
http://www.balundesigns.com/servlet/the-63/balun-designs-1-cln-1-Isolati\
on/Detail
> >
> >
> > --- In LDG-auto-tuners@yahoogroups.com, "Bill Aycock" wrote:
> > >
> > > Please--
> > > Just exactly what balun did you use? A search of the Balun Design
website
> > > did not show such a Balun, either spelled as you had it (Guanilla)
or
> > > correctly (Guanella). I know they make them, but they don't list
them by
> > > that name.
> > > Please give model number.
> > > Bill--W4BSG
> > >
> > > -----Original Message-----
```

> > > From: kd2cjj
> > > Sent: Monday, August 19, 2013 9:17 AM
> > > To: LDG-auto-tuners@yahoogroups.com
> > > Subject: [LDG-auto-tuners] Fixed my tuning issue when going from AT 100 PRO
> > > II to 1000 PRO II
> > >
> > > I see some complaints that the 100 can tune anything and the 600
> > > (especially) and 1000 cant tune OR get as low as the 100.
> > >
> > > Guess what, When I got my 1000 I had the same issue. I could not tune as
> > > low in some areas and I just could not tune within resonance frequencies
> > > that went to a 1:1 on the 100. Like the rest of you I was pretty upset.
> > > After finding the solution, hands down the 1000 is a better tuner all the
> > > way from efficiency to bandwidth (see my other thread).
> > >
> > > I experimented in a few places and found MY solution. I cant guarantee that
> > > this will fix yours but its worth a try.
> > >
> > > The ONLY change I did (after much testing/fooling around) that fixed the
> > > issue was adding a guanilla balun (balun designs) in my shack on the antenna
> > > side of the tuner (using a 3 foot RG213 jumper from the tuner to balun with
> > > LMR400 flex on the antenna side of the balun). I can now get a 1:1 on just
> > > about the entire band (a few areas where it wont tune, even using the manual
> > > buttons, better than a 1.5:1). On frequencies that refuse to get below a
> > > 2.5:1 (even using manual tuning) now are no more than 1.5:1. Frequencies
> > > that were a 2:1 are now 1:1. I suspect that high SWRs coupled with some
> > > stray common mode was the culprit. I believe the balun did two things. It
> > > not only added some loss it also removed any stray common mode both of which
> > > allowing the tuner to become more effective. I tried adding literally 30
> > > feet of coax as one my experiments and that did not help. I say it must be
> > > either stray common mode or a little bit of loss plus common mode. Adding

> > > loss did NOT fix the issue.
> > >
> > > I have validated that the loss added is not measurable by my cheap watt
> > > meter (it see no difference on put) and my audio reports are no worse. What
> > > I do see now is my transceiver for those frequencies that were a 2:1 is not
> > > folding back and putting out full power. And frequencies not tuneable below
> > > a 2.5:1, well they are now usable and with full power.
> > >
> > > Let me know if this works for you!
> > >
> > >
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> > >
> > > ------------------------------------
> > >
> > > Yahoo! Groups Links
> > >
> >
>

[Non-text portions of this message have been removed]

6437. Re: [LDG-auto-tuners] Fixed my tuning issue when going from AT 100 PRO II to 1000 PRO II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-08-19 19:44:01 UTC
From: Furliips Stardust
Topic: 6430 Message: 6437

The Guanella is a current or choke type balun. I suspect he is using this one.
<http://www.balundesigns.com/servlet/the-101/1-cln-1-Isolation-Balun-/Detail>

I've mentioned this before, and I can't stress this often enough, the importance of a proper Guanella / Choke / Current balun to keep RF off of the shield of the coax connected to the LDG antenna tuners. Although this is not an LDG specific problem, it is germane to just about any feed line situation.

Equally important is the correct matching ratio, 1:1 for 50 ohm to 50 ohm. 4:1 for 200, NOT 450 ohm feed lines and 9:1 for 450 ohm feed lines.

Note: Choke baluns come in even integer values. 1, 2, 3 and 4 for squared values of 1, 4, 9 and 16 to 1.
Other values such as 6:1 baluns (typically 300 ohms to 50 ohms) are either a direct VOLTAGE type balun, or a combination of a 1:1 choke balun feeding a 6:1 voltage balun.

Jeff-1.0
wa6fwi

[Non-text portions of this message have been removed]

6438. Re: Fixed my tuning issue when going from AT 100 PRO II to 1000 PRO II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-08-19 19:53:27 UTC
From: kd2cjj
Topic: 6430 Message: 6438

Im using this one:
(i the darn URL just isnt posting propoerly!!!)
http://www.balundesigns.com/servlet/the-63/balun-designs-1-cln-1-Isolati\
on/Detail
<http://www.balundesigns.com/servlet/the-63/balun-designs-1-cln-1-Isolat\
ion/Detail>
I agree.. It must have been a very small amount of common mode..
--- In LDG-auto-tuners@yahoogroups.com, Furliips Stardust wrote:
>
> The Guanella is a current or choke type balun. I suspect he is using
this one.
>
>
> I've mentioned this before, and I can't stress this often enough, the
importance of a proper Guanella / Choke / Current balun to keep RF off
of the shield of the coax connected to the LDG antenna tuners. Although
this is not an LDG specific problem, it is germane to just about any
feed line situation.
>
> Equally important is the correct matching ratio, 1:1 for 50 ohm to 50
ohm. 4:1 for 200, NOT 450 ohm feed lines and 9:1 for 450 ohm feed lines.
>
> Note: Choke baluns come in even integer values. 1, 2, 3 and 4 for
squared values of 1, 4, 9 and 16 to 1.
> Other values such as 6:1 baluns (typically 300 ohms to 50 ohms) are
either a direct VOLTAGE type balun, or a combination of a 1:1 choke
balun feeding a 6:1 voltage balun.
>
> Jeff-1.0
> wa6fwi
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

6439. Re: Fixed my tuning issue when going from AT 100 PRO II to 1000 PRO II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-08-19 21:42:46 UTC
From: kd2cjj
Topic: 6430 Message: 6439

Also... a few points I would like to add...

I suspect the balun is changing the inductance and/or reactance of the antenna - even in small amounts can make a difference to the tuner and may not have anything to do with stray common mode.

Here is my theory:

I have found LDGs algorithm probably needs some tweaking. It tries to find the best SWR at or below the threshold in the quickest amount of time - this will typically yield a good match but not the best match.

This is flawed since time is a component (I am speculating since I am seeing flaws in the resulting tune - i explain why this is flawed down below). In my mind they should allow the user to set a time threshold of the tune. The recommended one and then up from there. I believe the tuners are NOT permutating through all combinations and only a subset and stopping at a good match and not the best match.

Why do I think their algorithm is flawed? The tuners ability to find a the best match using auto match and finding the best match manually adjusting capacitance and inductance unfortunately dont always yield the same results. In other words, if the tuner cant find a match using the auto tune sequence doesn't mean it generally cant find a match you desire. You need to set the threshold lower than you want to ensure it tunes BELOW that point. If it cant find a match LOWER than the threshold it will fail. As an example if you set the threshold at 1.7 SWR and it finds a 1.8 it will NOT find a tuning point and will continue to try and eventual fail OR find a match but maybe higher than a 2:1. BUT you may have been able to tune using the proper combination of Hi/LoZ, capacitance and inductance manually and achieve a 1:1. If you want the best match then you need to add/subtract capcitance or inductance manually typically unless it finds the best match. Furthermore, If your on the fringe between the Hi or Low Z some times it selects the wrong Z and your SWR may be higher than you want but at the threashold or even higher. As soon as you select the alternate Z it could drop to a 1.8 then add/subtract inductance or capcacitance and you get a 1.0. I have found the frequency that this happens. At that point you need to manually store that match to ensure it goes to that setting immediately rather than retuning or living with a lower match.

The long winded point I am making is that the balun will NOT improve the algorithm it uses. You may get a better match by tweaking the results using the manual buttons (C, L, Hi/LoZ). I still have to sometimes tweak the results of the auto tune even with the balun BUT across the spectrum my matches are quicker and result in lower SWR.

When I get home I will hook up the tuner to my analyzer to see exactly the difference in impedance at a certain frequency.

--- In LDG-auto-tuners@yahoogroups.com, "kd2cjj" <mikelebron@...> wrote:
>
> I see some complaints that the 100 can tune anything and the 600 (especially) and 1000

cant tune OR get as low as the 100.
>
> Guess what, When I got my 1000 I had the same issue. I could not tune as low in some areas and I just could not tune within resonance frequencies that went to a 1:1 on the 100. Like the rest of you I was pretty upset. After finding the solution, hands down the 1000 is a better tuner all the way from efficiency to bandwidth (see my other thread).
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> I experimented in a few places and found MY solution. I cant guarantee that this will fix yours but its worth a try.
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> The ONLY change I did (after much testing/fooling around) that fixed the issue was adding a guanilla balun (balun designs) in my shack on the antenna side of the tuner (using a 3 foot RG213 jumper from the tuner to balun with LMR400 flex on the antenna side of the balun). I can now get a 1:1 on just about the entire band (a few areas where it wont tune, even using the manual buttons, better than a 1.5:1). On frequencies that refuse to get below a 2.5:1 (even using manual tuning) now are no more than 1.5:1. Frequencies that were a 2:1 are now 1:1. I suspect that high SWRs coupled with some stray common mode was the culprit. I believe the balun did two things. It not only added some loss it also removed any stray common mode both of which allowing the tuner to become more effective. I tried adding literally 30 feet of coax as one my experiments and that did not help. I say it must be either stray common mode or a little bit of loss plus common mode. Adding loss did NOT fix the issue.
>
> I have validated that the loss added is not measurable by my cheap watt meter (it see no difference on put) and my audio reports are no worse. What I do see now is my transceiver for those frequencies that were a 2:1 is not folding back and putting out full power. And frequencies not tuneable below a 2.5:1, well they are now usable and with full power.
>
> Let me know if this works for you!
>

6440. Re: [LDG-auto-tuners] Re: Fixed my tuning issue when going from AT 100 PRO II to 1000 PRO II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-08-19 21:51:58 UTC
From: Bill Aycock
Topic: 6430 Message: 6440

Thanks-- I found it.
Bill--W4BSG

-----Original Message-----
From: kd2cjj
Sent: Monday, August 19, 2013 2:23 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: Fixed my tuning issue when going from AT 100 PRO II to 1000 PRO II

Sorry.... Fat fingered... Its a Guanilla Balun - different than a simple ferrite slipped over coax. Guanilla baluns offer greater choking impedance over simple ferrites over coax.

Here is the balun I am using:

Max Choking 1:1 Isolation Balun 1 - 54 MHz 5kW - #1115d
http://www.balundesigns.com/servlet/the-63/balun-designs-1-cln-1-Isolation/Detail

--- In LDG-auto-tuners@yahoogroups.com, "Bill Aycock" <billaycock@...> wrote:
>
> Please--
> Just exactly what balun did you use? A search of the Balun Design website
> did not show such a Balun, either spelled as you had it (Guanilla) or
> correctly (Guanella). I know they make them, but they don't list them by
> that name.
> Please give model number.
> Bill--W4BSG
>
> -----Original Message-----
> From: kd2cjj
> Sent: Monday, August 19, 2013 9:17 AM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: [LDG-auto-tuners] Fixed my tuning issue when going from AT 100
> PRO
> II to 1000 PRO II
>
> I see some complaints that the 100 can tune anything and the 600
> (especially) and 1000 cant tune OR get as low as the 100.
>
> Guess what, When I got my 1000 I had the same issue. I could not tune as
> low in some areas and I just could not tune within resonance frequencies
> that went to a 1:1 on the 100. Like the rest of you I was pretty upset.
> After finding the solution, hands down the 1000 is a better tuner all the

> way from efficiency to bandwidth (see my other thread).
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> I experimented in a few places and found MY solution. I cant guarantee
> that
> this will fix yours but its worth a try.
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> The ONLY change I did (after much testing/fooling around) that fixed the
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> about the entire band (a few areas where it wont tune, even using the
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> buttons, better than a 1.5:1). On frequencies that refuse to get below a
> 2.5:1 (even using manual tuning) now are no more than 1.5:1. Frequencies
> that were a 2:1 are now 1:1. I suspect that high SWRs coupled with some
> stray common mode was the culprit. I believe the balun did two things.
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> not only added some loss it also removed any stray common mode both of
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> allowing the tuner to become more effective. I tried adding literally 30
> feet of coax as one my experiments and that did not help. I say it must
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> either stray common mode or a little bit of loss plus common mode. Adding
> loss did NOT fix the issue.
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> I have validated that the loss added is not measurable by my cheap watt
> meter (it see no difference on put) and my audio reports are no worse.
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> I do see now is my transceiver for those frequencies that were a 2:1 is
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> folding back and putting out full power. And frequencies not tuneable
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> a 2.5:1, well they are now usable and with full power.
>
> Let me know if this works for you!
>
>
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> ------------------------------------
>
> Yahoo! Groups Links
>

Yahoo! Groups Links

6441. Re: [LDG-auto-tuners] Re: Fixed my tuning issue when going from AT 100 PRO II to 1000 PRO II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-08-19 22:19:07 UTC
From: Bill Aycock
Topic: 6430 Message: 6441

Mike--
I think you are mistaken in your assumption that the tuner is trying to find the BEST match. I think it is trying to find an acceptable match that is below a threshold set by he user. This acceptable match might be improved upon, manually.
BIG difference.
Bill--W4BSG

-----Original Message-----
From: kd2cjj
Sent: Monday, August 19, 2013 4:42 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: Fixed my tuning issue when going from AT 100 PRO II to 1000 PRO II

Also... a few points I would like to add...

I suspect the balun is changing the inductance and/or reactance of the antenna - even in small amounts can make a difference to the tuner and may not have anything to do with stray common mode.

Here is my theory:

I have found LDGs algorithm probably needs some tweaking. It tries to find the best SWR at or below the threshold in the quickest amount of time - this will typically yield a good match but not the best match.

This is flawed since time is a component (I am speculating since I am seeing flaws in the resulting tune - i explain why this is flawed down below). In my mind they should allow the user to set a time threshold of the tune. The recommended one and then up from there. I believe the tuners are NOT permutating through all combinations and only a subset and stopping at a good match and not the best match.

Why do I think their algorithm is flawed? The tuners ability to find a the best match using auto match and finding the best match manually adjusting capacitance and inductance unfortunately dont always yield the same results. In other words, if the tuner cant find a match using the auto tune sequence doesn't mean it generally cant find a match you desire. You need to set the threshold lower than you want to ensure it tunes BELOW that point. If it cant find a match LOWER than the threshold it will fail. As an example if you set the threshold at 1.7 SWR and it finds a 1.8 it will NOT find a tuning point and will continue to try and eventual fail OR find a match but maybe higher than a 2:1. BUT you may have been able to tune using the proper combination of Hi/LoZ, capacitance and inductance manually and

achieve a 1:1. If you want the best match then you need to add/subtract capcitance or inductance manually typically unless it finds the best match. Furthermore, If your on the fringe between the Hi or Low Z some times it selects the wrong Z and your SWR may be higher than you want but at the threashold or even higher. As soon as you select the alternate Z it could drop to a 1.8 then add/subtract inductance or capcacitance and you get a 1.0. I have found the frequency that this happens. At that point you need to manually store that match to ensure it goes to that setting immediately rather than retuning or living with a lower match.

The long winded point I am making is that the balun will NOT improve the algorithm it uses. You may get a better match by tweaking the results using the manual buttons (C, L, Hi/LoZ). I still have to sometimes tweak the results of the auto tune even with the balun BUT across the spectrum my matches are quicker and result in lower SWR.

When I get home I will hook up the tuner to my analyzer to see exactly the difference in impedance at a certain frequency.

--- In LDG-auto-tuners@yahoogroups.com, "kd2cjj" <mikelebron@...> wrote:
>
> I see some complaints that the 100 can tune anything and the 600
> (especially) and 1000 cant tune OR get as low as the 100.
>
> Guess what, When I got my 1000 I had the same issue. I could not tune as
> low in some areas and I just could not tune within resonance frequencies
> that went to a 1:1 on the 100. Like the rest of you I was pretty upset.
> After finding the solution, hands down the 1000 is a better tuner all the
> way from efficiency to bandwidth (see my other thread).
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> I experimented in a few places and found MY solution. I cant guarantee
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> The ONLY change I did (after much testing/fooling around) that fixed the
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> balun with LMR400 flex on the antenna side of the balun). I can now get a
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> tuneable below a 2.5:1, well they are now usable and with full power.
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> Let me know if this works for you!
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Yahoo! Groups Links

6442. Re: Fixed my tuning issue when going from AT 100 PRO II to 1000 PRO II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-08-20 01:19:34 UTC
From: kd2cjj
Topic: 6430 Message: 6442

No... I believe we are in agreement. Im saying that the tuner tries to find a good match... NOT the best match. I am trying to quell that myth that it tries to find the best match. Again, we are in agreement.

Anyway... I did my test and as I suspected. I was wrong in the original assumption that I had common mode current. And I was shocked with the findings. I knew that a balun would add loss (resistance) but what I didnt factor (but suspected in a later thread) that it was adding reactance to the equation. I was right...

Here is what I found. What do you think?

Dummy Load - 47Ohms Test

BAL NOBAL BAL NOBAL BAL NOBAL BAL NOBAL
14.000 SWR=1.1 1.0 Z=57 50 X=0 3 R=57 47
14.250 SWR=1.1 1.0 Z=57 50 X=0 3 R=57 47

Antenna (TGM MQ26) Mini Beam Test
BAL NOBAL BAL NOBAL BAL NOBAL BAL NOBAL
14.000 SWR=8.2 8.8 Z=99 16 X=93 11 R=15 5
14.250 SWR=1.7 1.7 Z=80 59 X=20 28 R=80 54

No Reactance (resistive) Test

With Balun (could not achieve no reactance, pure resistive)
14.258 SWR=.16 Z=35 X=6 R=32

Without Balun
14.271 SWR 1.3 Z=65 X=0 R=65

Impedance 50 Ohm Test

With Balun
14.274 SWR=1.2 Z=50 X=11 R=49 Phase Angle=0 degrees

Without Balun
14.225 SWR=2.2 Z=50 X=37 R=34 Phase Angle=43 degrees.

Resonance Phase Angle =0 and X=0

With Balun (can not achieve resonance)
14.297 SWR=1.5 Z=30 X=6 R=30 Phase=0 degrees

Without Balun
14.270 SWR=1.2 Z=50 X=0 R=65 Phase=0 degrees

--- In LDG-auto-tuners@yahoogroups.com, "Bill Aycock" <billaycock@...> wrote:
>
> Mike--

> I think you are mistaken in your assumption that the tuner is trying to find
> the BEST match. I think it is trying to find an acceptable match that is
> below a threshold set by he user. This acceptable match might be improved
> upon, manually.
> BIG difference.
> Bill--W4BSG
>
> -----Original Message-----
> From: kd2cjj
> Sent: Monday, August 19, 2013 4:42 PM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: [LDG-auto-tuners] Re: Fixed my tuning issue when going from AT 100
> PRO II to 1000 PRO II
>
> Also... a few points I would like to add...
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> I suspect the balun is changing the inductance and/or reactance of the
> antenna - even in small amounts can make a difference to the tuner and may
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> the best SWR at or below the threshold in the quickest amount of time - this
> will typically yield a good match but not the best match.
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> permutating through all combinations and only a subset and stopping at a
> good match and not the best match.
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> In other words, if the tuner cant find a match using the auto tune sequence
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> difference in impedance at a certain frequency.
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> --- In LDG-auto-tuners@yahoogroups.com, "kd2cjj" <mikelebron@> wrote:
> >
> > I see some complaints that the 100 can tune anything and the 600
> > (especially) and 1000 cant tune OR get as low as the 100.
> >
> > Guess what, When I got my 1000 I had the same issue. I could not tune as
> > low in some areas and I just could not tune within resonance frequencies
> > that went to a 1:1 on the 100. Like the rest of you I was pretty upset.
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> > way from efficiency to bandwidth (see my other thread).
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> > I experimented in a few places and found MY solution. I cant guarantee
> > that this will fix yours but its worth a try.
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> > The ONLY change I did (after much testing/fooling around) that fixed the
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> > balun with LMR400 flex on the antenna side of the balun). I can now get a
> > 1:1 on just about the entire band (a few areas where it wont tune, even
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> > than 1.5:1. Frequencies that were a 2:1 are now 1:1. I suspect that high
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> > and that did not help. I say it must be either stray common mode or a
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> > I have validated that the loss added is not measurable by my cheap watt

> > meter (it see no difference on put) and my audio reports are no worse.
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> > is not folding back and putting out full power. And frequencies not
> > tuneable below a 2.5:1, well they are now usable and with full power.
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> > Let me know if this works for you!
> >
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>

6443. Re: [LDG-auto-tuners] Fixed my tuning issue when going from AT 100 PRO II to 1000 PRO II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-08-19 16:33:32 UTC
From: Ken Pearce
Topic: 6430 Message: 6443

MFJ makes them and I think DX Systems also.

73 de N4KCD

On Aug 19, 2013, at 12:20, "Bill Aycock" <billaycock@...> wrote:

> Please--
> Just exactly what balun did you use? A search of the Balun Design website
> did not show such a Balun, either spelled as you had it (Guanilla) or
> correctly (Guanella). I know they make them, but they don't list them by
> that name.
> Please give model number.
> Bill--W4BSG
>
> -----Original Message-----
> From: kd2cjj
> Sent: Monday, August 19, 2013 9:17 AM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: [LDG-auto-tuners] Fixed my tuning issue when going from AT 100 PRO
> II to 1000 PRO II
>
> I see some complaints that the 100 can tune anything and the 600
> (especially) and 1000 cant tune OR get as low as the 100.
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> Guess what, When I got my 1000 I had the same issue. I could not tune as
> low in some areas and I just could not tune within resonance frequencies
> that went to a 1:1 on the 100. Like the rest of you I was pretty upset.
> After finding the solution, hands down the 1000 is a better tuner all the
> way from efficiency to bandwidth (see my other thread).
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> I experimented in a few places and found MY solution. I cant guarantee that
> this will fix yours but its worth a try.
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> side of the tuner (using a 3 foot RG213 jumper from the tuner to balun with
> LMR400 flex on the antenna side of the balun). I can now get a 1:1 on just
> about the entire band (a few areas where it wont tune, even using the manual
> buttons, better than a 1.5:1). On frequencies that refuse to get below a
> 2.5:1 (even using manual tuning) now are no more than 1.5:1. Frequencies
> that were a 2:1 are now 1:1. I suspect that high SWRs coupled with some
> stray common mode was the culprit. I believe the balun did two things. It
> not only added some loss it also removed any stray common mode both of which
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> feet of coax as one my experiments and that did not help. I say it must be
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> a 2.5:1, well they are now usable and with full power.
>
> Let me know if this works for you!
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>

[Non-text portions of this message have been removed]

6444. Update on Phone support

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-08-20 02:08:55 UTC
From: Dwayne
Topic: 6444 Message: 6444

Hello All,

For the next few weeks phone support will all be but unavailable. E-mail support will be uninterrupted. Just going through some personnel changes while we cope with the expansion.

Dwayne Kincaid
LDG

6445. Re: LDG 600 Pro II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-08-22 18:52:36 UTC
From: brad_ka3yan
Topic: 6148 Message: 6445

Tom,

Something interesting to note. I recently was experiencing some random tuning issues with the 600Pro due to rain on my ladder line. I was able to get an acceptable match, but figured I could probably fine tune it down closer to an ideal match.

In doing this, I did exactly as you described. I first adjusted for inductance (L) and then capacitance (C). I was only transmitting about 15 watts for JT-65HF. After about the third transmission, I began smelling the tell-tale signs of burning electronics.

I immediately ceased transmitting and started looking for where the smoke was originating. My nose took me to the 600Pro. I pulled it out and opened the case cover. Luckily nothing significant looked burnt, but one of the toroids was so hot it had melted the hot glue that held it in place. I do not see any scorching on the toroid itself, so I have continued to use it....although not until the toroid cooled to room temp.

This wasn't the first time I've had an issue with the toroids though. When I first got the 600Pro, I scorched one to the point that it cracked. This was adjacent to a toroid that just overheated. LDG was kind enough to replace the last one for free. On that first occasion, the SWR meter showed a reasonable match and I hadn't tried to fine tune it further. I honestly don't know why this keeps happening. Maybe the core material is not of the highest quality and/or contains contaminants. Who knows. It does appear that maybe the 600ProII uses larger toroids, because the replacement core was nearly twice the size of the original that smoked.

73,
Brad KA3YAN

--- In LDG-auto-tuners@yahoogroups.com, "kd2cjj" <mikelebron@...> wrote:
>
>
> Have you tried manually tuning. Get a match with the auto tuner as good as it will get... then hit the L up or down. Watch the SWR. Keep hitting up or down until it wont go lower.. then hit the C button up or down until it gets to the lowest SWR. Then you can hit Func. Store to store that setting. I know you should not have to do this but even on my AT100PRO II I have to do this some times. The threshold will help, but it may not. If all else fails add or remove 5 - 7 feet of feedline. A little bit could make the difference.

6447. solar protection

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-08-29 13:34:33 UTC
From: silvergak
Topic: 6447 Message: 6447

I use my Z11 at the base of my vertical. It is mounted in a tupperware type box and the coax is sealed with rubber grommets. The Z11 gets very hot from the sun due to its black paint. I covered the box with aluminum foil and the temp stays normal.
Is there a better way to do this?

6448. Re: [LDG-auto-tuners] solar protection

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-08-29 14:55:11 UTC
From: Michael Walker
Topic: 6447 Message: 6448

I would keep it covered with Aluminum tape. I did this for a router we had 120ft up a tower and it lasted for 7 years. In that case we used a Tuperware box and had it upside down with no bottom on it. It just kept the rain and snow off.

Make sure you keep the bottom open for air flow and to allow water to run out. There is almost no practical way for use to keep things waterproof. What is more important is ensuring that we keep some sort of air flow through it to keep the humidity down.

If you seal the box, you will likely find out that a year from now it is pretty damp inside, especially if you let it heat up and cool and that will ruin your tuner.

Better to let the air and fresh water just flow through it.

Mike va3mw

On Thu, Aug 29, 2013 at 9:34 AM, silvergak <silvergak@...> wrote:

> **
>
>
> I use my Z11 at the base of my vertical. It is mounted in a tupperware
> type box and the coax is sealed with rubber grommets. The Z11 gets very hot
> from the sun due to its black paint. I covered the box with aluminum foil
> and the temp stays normal.
> Is there a better way to do this?
>
>
>

[Non-text portions of this message have been removed]

6449. RE: Power Supply for AT-200, 600 and 1000 Models

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-08-30 00:08:25 UTC
From: <mikelebron@...>
Topic: 5090 Message: 6449

Is it better to use a wall power supply or use the same power supply I am using for my rig (32 amp switching power supply)? --- In ldg-auto-tuners@yahoogroups.com, <ldgyahoo@...> wrote: Hi All,

We've had a few people ask about power supplies for the AT-200, 600 and 1000 series tuners. While www.cheapham.com carries a wall mount power supply for the 100 watt tuners, nothing is readily available for the higher powered tuners.

Many people use the same power supply that powers the radio, but not everyone has that choice if the power supply is built in.

After ordering many models and testing for a few weeks, we have chose to recommend a wall mount DC power supply from Jameco (www.jameco.com). The model number is 1953663 and costs about $15. It's 12 volts DC, 1000 mA and has a 2.5 x 5.5 mm, center positive plug on it.

Dwayne Kincaid
LDG

6450. Re: Power Supply for AT-200, 600 and 1000 Models

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-08-30 20:14:35 UTC
From: n7mch
Topic: 5090 Message: 6450

I purchased a cheap 12v 1.75a dc supply from Radio Shack that powers my tuner and several other 12v devices in the shack. I was able to pick it up at a hamfest for $10. Unfortunately, Radio Shack no longer makes RS brand 12v power supplies. If you can find a 22-127 at a hamfest grab it.

If not, check on Amazon.com. You can find a number of supplies for under $20 that will supply 12v at 5a or less. Its great to have a small extra supply in the shack for "future" needs.

73 de N7MCH Walt

--- In LDG-auto-tuners@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
> Hi All,
>
> We've had a few people ask about power supplies for the AT-200, 600 and 1000 series tuners. While www.cheapham.com carries a wall mount power supply for the 100 watt tuners, nothing is readily available for the higher powered tuners.
>
> Many people use the same power supply that powers the radio, but not everyone has that choice if the power supply is built in.
>
> After ordering many models and testing for a few weeks, we have chose to recommend a wall mount DC power supply from Jameco (www.jameco.com). The model number is 1953663 and costs about $15. It's 12 volts DC, 1000 mA and has a 2.5 x 5.5 mm, center positive plug on it.
>
> Dwayne Kincaid
> LDG
>

6451. Re: [LDG-auto-tuners] Re: Power Supply for AT-200, 600 and 1000 Models

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-08-30 20:49:46 UTC
From: DBRogers
Topic: 5090 Message: 6451

Be careful with those RS wall warts. (Actually, ANY wall warts, but ESPECIALLY RS) I bought a brand new RS wall wart to run an MFJ dsp unit. The power connector was miswired, and that fact, in combination with the fact that, even after all these years, MFJ still refuses to spend the mills (1/10 of a cent) to install reverse polarity diodes, the entire dsp board was, quite literally, smoked.

I took it to a commercial techie friend who spent about 10 minutes checking it over. He then turned, took me by the shoulders, shook me and said, in his best Bones McCoy voice, “Damn it, David – IT’S DEAD!!”

Check that polarity before you use it. You may never find a bad one, but the 2nd level of defense is what ever you plug it into.

David, WA7ZYQ

From: n7mch
Sent: Friday, August 30, 2013 1:14 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: Power Supply for AT-200, 600 and 1000 Models

I purchased a cheap 12v 1.75a dc supply from Radio Shack that powers my tuner and several other 12v devices in the shack. I was able to pick it up at a hamfest for $10. Unfortunately, Radio Shack no longer makes RS brand 12v power supplies. If you can find a 22-127 at a hamfest grab it.

If not, check on Amazon.com. You can find a number of supplies for under $20 that will supply 12v at 5a or less. Its great to have a small extra supply in the shack for "future" needs.

73 de N7MCH Walt

[Non-text portions of this message have been removed]

6452. Re: Power Supply for AT-200, 600 and 1000 Models

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-08-31 23:26:34 UTC
From: Mike Lichtman
Topic: 5090 Message: 6452

I have stopped using wall wart supplies whenever possible. The unloaded voltage that the equipment will see when first turned on can exceed the stated voltage rating on the wall wart. I had a Ten Tec wall wart for a 1254 receiver. It was supposed to be 15v but was closer to 20!. Has anyone else noticed this? Get out your VOMs and measure them. You will be surprised and the inrush voltage. I now use my shack supply ---an Astron linear supply. 73 Mike KF6KXG

6453. Re: Power Supply for AT-200, 600 and 1000 Models

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-09-01 15:28:39 UTC
From: n7mch
Topic: 5090 Message: 6453

I should have been clearer. The RS power supply I was referring to is not a wall wart. Its a stand alone unit that has a power cord, a circuit breaker, on/off switch and binding posts on the back.

I totally agree with your warnings concerning wall warts, from any one. I generally insert Anderson power poles between all my power sources, wall warts included) and add power poles to the plug wire that came with the device I am powering. Polarity is never a question and I can easily switch devices among supplies as needed..

73 de n7mch Walt

--- In LDG-auto-tuners@yahoogroups.com, "DBRogers" <wa7zyq@...> wrote:
>
> Be careful with those RS wall warts. (Actually, ANY wall warts, but ESPECIALLY RS) I bought a brand new RS wall wart to run an MFJ dsp unit. The power connector was miswired, and that fact, in combination with the fact that, even after all these years, MFJ still refuses to spend the mills (1/10 of a cent) to install reverse polarity diodes, the entire dsp board was, quite literally, smoked.
>
> I took it to a commercial techie friend who spent about 10 minutes checking it over. He then turned, took me by the shoulders, shook me and said, in his best Bones McCoy voice, â□□Damn it, David â□" ITâ□□S DEAD!!â□□
>
> Check that polarity before you use it. You may never find a bad one, but the 2nd level of defense is what ever you plug it into.
>
> David, WA7ZYQ
>
>
> From: n7mch
> Sent: Friday, August 30, 2013 1:14 PM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: [LDG-auto-tuners] Re: Power Supply for AT-200, 600 and 1000 Models
>
>
> I purchased a cheap 12v 1.75a dc supply from Radio Shack that powers my tuner and several other 12v devices in the shack. I was able to pick it up at a hamfest for $10. Unfortunately, Radio Shack no longer makes RS brand 12v power supplies. If you can find a 22-127 at a hamfest grab it.
>
> If not, check on Amazon.com. You can find a number of supplies for under $20 that will supply 12v at 5a or less. Its great to have a small extra supply in the shack for "future" needs.
>
> 73 de N7MCH Walt
>
>
>
>

>
>
> [Non-text portions of this message have been removed]
>

6454. RE: Power Supply for AT-200, 600 and 1000 Models

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-09-02 13:44:11 UTC
From: <mikelebron@...>
Topic: 5090 Message: 6454

So generally working from my main PS that also powers my rig is OK? If so then I will invest in a power pole distribution strip.. Thanks for the feedback.

--- In ldg-auto-tuners@yahoogroups.com, <n7mch@...> wrote:

I should have been clearer. The RS power supply I was referring to is not a wall wart. Its a stand alone unit that has a power cord, a circuit breaker, on/off switch and binding posts on the back.

I totally agree with your warnings concerning wall warts, from any one. I generally insert Anderson power poles between all my power sources, wall warts included) and add power poles to the plug wire that came with the device I am powering. Polarity is never a question and I can easily switch devices among supplies as needed..

73 de n7mch Walt

--- In LDG-auto-tuners@yahoogroups.com , "DBRogers" <wa7zyq@...> wrote:

>

> Be careful with those RS wall warts. (Actually, ANY wall warts, but ESPECIALLY RS) I bought a brand new RS wall wart to run an MFJ dsp unit. The power connector was miswired, and that fact, in combination with the fact that, even after all these years, MFJ still refuses to spend the mills (1/10 of a cent) to install reverse polarity diodes, the entire dsp board was, quite literally, smoked.

>

> I took it to a commercial techie friend who spent about 10 minutes checking it over. He then turned, took me by the shoulders, shook me and said, in his best Bones McCoy voice, Ã¢Â□Â□Damn it, David Ã¢Â□" ITÃ¢Â□Â□S DEAD!!Ã¢Â□Â□

>

> Check that polarity before you use it. You may never find a bad one, but the 2nd level of defense is what ever you plug it into.

>

> David, WA7ZYQ

>

>

> From: n7mch

> Sent: Friday, August 30, 2013 1:14 PM

> To: LDG-auto-tuners@yahoogroups.com

> Subject: [LDG-auto-tuners] Re: Power Supply for AT-200, 600 and 1000 Models

>

>

> I purchased a cheap 12v 1.75a dc supply from Radio Shack that powers my tuner and several other 12v devices in the shack. I was able to pick it up at a hamfest for $10. Unfortunately, Radio Shack no longer makes RS brand 12v power supplies. If you can find a 22-127 at a hamfest grab it.

>

> If not, check on Amazon.com. You can find a number of supplies for under $20 that will supply 12v at 5a or less. Its great to have a small extra supply in the shack for "future" needs.

>

> 73 de N7MCH Walt

>

>

>

>

>

>

> [Non-text portions of this message have been removed]

>

6455. CAT cotrol of IC_718 with the AT-200ProII

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-09-02 22:40:57 UTC
From: Michael
Topic: 6455 Message: 6455

Guys, I have a nice new radio and tuner but I want to be able to do rig control via HRD. Unfortunately, the tuner uses the CAT jack on the IC-718, so if anyone know how to get around this, please let me know.

73 Mike, K7ELI

6456. Re: [LDG-auto-tuners] CAT cotrol of IC_718 with the AT-200ProII

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-09-03 01:23:01 UTC
From: Furliips Stardust
Topic: 6455 Message: 6456

The Icom IC-718 uses Icom's CI-V format for remote control. If you look at the schematic for the CT-17 (page 31) you will see how "multiple connections" are made.
<http://www.difona.de/pdf_en/icct17_manual.pdf>

One of these should work nicely.
<http://www.ebay.com/itm/300768475667>

By the way, the rotary encoder on the front of the IC-718 is subject to catastrophic failure due to a large static discharge. If you kill yours, it's a $250 (or more) charge from Icom to repair it. I have a very simple method to prevent that from happening.

Jeff-1.0
wa6fwi

From: Michael <eli48911@...>

Guys, I have a nice new radio and tuner but I want to be able to do rig control via HRD. Unfortunately, the tuner uses the CAT jack on the IC-718, so if anyone know how to get around this, please let me know.

[Non-text portions of this message have been removed]

6457. OT: Alinco EP-2030 Power Supply

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-09-05 15:00:22 UTC
From: traburgess1945
Topic: 6457 Message: 6457

I have an Alinco EP-2030 Power Supply. Does anyone know what type of supply it is; switching or linear? It is quite hefty and has some size to it.

Travis
K5HTB

6458. RE: [LDG-auto-tuners] OT: Alinco EP-2030 Power Supply

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-09-05 17:22:03 UTC
From: Warren Croke
Topic: 6457 Message: 6458

Hi Travis,

It's a switching supply and weighs almost 19 pounds according to information posted on the site below. .

http://www.radiomuseum.org/r/alinco_power_supply_ep_3030.html

73,

Warren NW4C

From: LDG-auto-tuners@yahoogroups.com [LDG-auto-tuners@yahoogroups.com] on behalf of traburgess1945 [traburgess1945@...]
Sent: Thursday, September 05, 2013 11:00 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] OT: Alinco EP-2030 Power Supply

I have an Alinco EP-2030 Power Supply. Does anyone know what type of supply it is; switching or linear? It is quite hefty and has some size to it.

Travis
K5HTB

Please note that Florida has a broad public records law, and that all correspondence to or from College employees via email may be subject to disclosure.

6459. Re: CAT cotrol of IC_718 with the AT-200ProII

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-09-05 18:33:47 UTC
From: Dwayne
Topic: 6455 Message: 6459

Jeff,

I'm still trying to figure out how the AT-200ProII interfaces to the CAT port. The only interface that I have ever seen goes to the tuner port on the 718.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com, Furliips Stardust <grendelair@...> wrote:
>
> The Icom IC-718 uses Icom's CI-V format for remote control. If you look at the schematic for the CT-17 (page 31) you will see how "multiple connections" are made.
> <http://www.difona.de/pdf_en/icct17_manual.pdf>
>
> One of these should work nicely.
> <http://www.ebay.com/itm/300768475667>
>
> By the way, the rotary encoder on the front of the IC-718 is subject to catastrophic failure due to a large static discharge. If you kill yours, it's a $250 (or more) charge from Icom to repair it. I have a very simple method to prevent that from happening.
>
> Jeff-1.0
> wa6fwi
>
>
> _____
> From: Michael <eli48911@...>
>
>
>
>
> Guys, I have a nice new radio and tuner but I want to be able to do rig control via HRD. Unfortunately, the tuner uses the CAT jack on the IC-718, so if anyone know how to get around this, please let me know.
>
> [Non-text portions of this message have been removed]
>

6460. Re: [LDG-auto-tuners] Re: CAT cotrol of IC_718 with the AT-200ProII

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-09-06 12:55:28 UTC
From: Furliips Stardust
Topic: 6455 Message: 6460

I'm pretty sure the AT-200 Pro II doesn't use the CI-V port on the Icom either Dwayne.

But I did post the information about the CT-17 interface and how it is a shared single wire design.

Jeff-1.0
wa6fwi

From: Dwayne <ldgyahoo@...>

Jeff,

I'm still trying to figure out how the AT-200ProII interfaces to the CAT port. The only interface that I have ever seen goes to the tuner port on the 718.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com
> From: Michael <eli48911@...>
>
>
>
>
> Unfortunately, the tuner uses the CAT jack on the IC-718, so if anyone know how to get around this, please let me know.

6461. Re: [LDG-auto-tuners] Re: CAT cotrol of IC_718 with the AT-200ProII

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-09-06 14:14:00 UTC
From: Jimmy (WB8NBI)
Topic: 6455 Message: 6461

The tuner does not use the CAT jack on the radio.

DE Jimmy (WB8NBI)

From: Furliips Stardust
Sent: Friday, September 06, 2013 8:55 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] Re: CAT cotrol of IC_718 with the AT-200ProII

I'm pretty sure the AT-200 Pro II doesn't use the CI-V port on the Icom either Dwayne.

But I did post the information about the CT-17 interface and how it is a shared single wire design.

Jeff-1.0
wa6fwi

From: Dwayne <ldgyahoo@...>

Jeff,

I'm still trying to figure out how the AT-200ProII interfaces to the CAT port. The only interface that I have ever seen goes to the tuner port on the 718.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com
> From: Michael <eli48911@...>
>
>
>
>
> Unfortunately, the tuner uses the CAT jack on the IC-718, so if anyone know how to get around this, please let me know.

6462. Re: OT: Alinco EP-2030 Power Supply

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-09-06 19:45:29 UTC
From: traburgess1945
Topic: 6457 Message: 6462

I have the 2030 not the 3030. It is about 8"x10"x13". Not small like some the newer Alinco supplies.

Travis
K5HTB

--- In LDG-auto-tuners@yahoogroups.com, "traburgess1945" <traburgess1945@...> wrote:
>
> I have an Alinco EP-2030 Power Supply. Does anyone know what type of supply it is; switching or linear? It is quite hefty and has some size to it.
>
> Travis
> K5HTB
>

6463. Re: [LDG-auto-tuners] OT: Alinco EP-2030 Power Supply

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-09-06 21:23:55 UTC
From: Bill Aycock
Topic: 6457 Message: 6463

Do a Google or Bing lookup on " Alinco EP-2030 " to answer many ??? about it
Bill--W4BSG

-----Original Message-----
From: traburgess1945
Sent: Thursday, September 05, 2013 10:00 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] OT: Alinco EP-2030 Power Supply

I have an Alinco EP-2030 Power Supply. Does anyone know what type of supply it is; switching or linear? It is quite hefty and has some size to it.

Travis
K5HTB

Yahoo! Groups Links

6464. RE: CAT cotrol of IC_718 with the AT-200ProII

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-09-07 08:51:01 UTC
From: <john@...>
Topic: 6455 Message: 6464

someone is getting confused , on the rear panel at the top on the right there is a molex 4 pin connector this is the generic icom tuner port i am using an icom 7200 with at200pro i see no reason why anyone would want to use the remote civ port to control an amu

john hindmarsh G8XGS

--- In ldg-auto-tuners@yahoogroups.com, <wb8nbi@...> wrote:

The tuner does not use the CAT jack on the radio.

DE Jimmy (WB8NBI)

From: Furliips Stardust

Sent: Friday, September 06, 2013 8:55 AM

To: LDG-auto-tuners@yahoogroups.com

Subject: Re: [LDG-auto-tuners] Re: CAT cotrol of IC_718 with the AT-200ProII

I'm pretty sure the AT-200 Pro II doesn't use the CI-V port on the Icom either Dwayne.

But I did post the information about the CT-17 interface and how it is a shared single wire design.

Jeff-1.0

wa6fwi

From: Dwayne <ldgyahoo@...>

Jeff,

I'm still trying to figure out how the AT-200ProII interfaces to the CAT port. The only interface that I have ever seen goes to the tuner port on the 718.

Dwayne Kincaid
LDG

--- In LDG-auto-tuners@yahoogroups.com
> From: Michael <eli48911@...>
>
>
>
>
> Unfortunately, the tuner uses the CAT jack on the IC-718, so if anyone know how to get around this, please let me know.

6465. Re: OT: Alinco EP-2030 Power Supply

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-09-08 02:43:27 UTC
From: traburgess1945
Topic: 6457 Message: 6465

I have done that search and very little comes up. Mostly about the 3030. No schematics, specs or anything. I have even searched for instruction booklets for the thing.
It works beautifully, I am just curious. Someday, I will pull the top off it and see it there is a good size transformer in it.

Travis
K5HTB

--- In LDG-auto-tuners@yahoogroups.com, "Bill Aycock" <billaycock@...> wrote:
>
> Do a Google or Bing lookup on " Alinco EP-2030 " to answer many ??? about it
> Bill--W4BSG
>
> -----Original Message-----
> From: traburgess1945
> Sent: Thursday, September 05, 2013 10:00 AM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: [LDG-auto-tuners] OT: Alinco EP-2030 Power Supply
>
> I have an Alinco EP-2030 Power Supply. Does anyone know what type of supply
> it is; switching or linear? It is quite hefty and has some size to it.
>
> Travis
> K5HTB
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>

6466. Re: OT: Alinco EP-2030 Power Supply

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-09-08 23:50:51 UTC
From: roley_g3vir
Topic: 6457 Message: 6466

Try Here>

http://www.radiomuseum.org/r/alinco_power_supply_ep_3030.html

Roley G3VIR
--- In LDG-auto-tuners@yahoogroups.com, "traburgess1945" <traburgess1945@...> wrote:
>
> I have done that search and very little comes up. Mostly about the 3030. No schematics, specs or anything. I have even searched for instruction booklets for the thing.
> It works beautifully, I am just curious. Someday, I will pull the top off it and see it there is a good size transformer in it.
>
> Travis
> K5HTB
>
> --- In LDG-auto-tuners@yahoogroups.com, "Bill Aycock" <billaycock@> wrote:
> >
> > Do a Google or Bing lookup on " Alinco EP-2030 " to answer many ??? about it
> > Bill--W4BSG
> >
> > -----Original Message-----
> > From: traburgess1945
> > Sent: Thursday, September 05, 2013 10:00 AM
> > To: LDG-auto-tuners@yahoogroups.com
> > Subject: [LDG-auto-tuners] OT: Alinco EP-2030 Power Supply
> >
> > I have an Alinco EP-2030 Power Supply. Does anyone know what type of supply
> > it is; switching or linear? It is quite hefty and has some size to it.
> >
> > Travis
> > K5HTB
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
>

6467. Anyway to change the IT-100 SWR Threshold?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-09-09 02:44:22 UTC
From: <ve7rvs@...>
Topic: 6467 Message: 6467

I'm guessing these are set in the tuner's firmware, but is there any undocumented way to change the SWR threshold on the IT-100?

73,
Ramon ve7rvs

6468. Re: Anyway to change the IT-100 SWR Threshold?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-09-10 16:07:01 UTC
From: Dwayne
Topic: 6467 Message: 6468

The IT-100 does not have a threshold. You push the tune button on the radio or the tuner to start the tuning process.

Dwayne Kincaid
LDG

6469. Tuning Problem with YT-450

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-09-12 09:11:37 UTC
From: roley_g3vir
Topic: 6469 Message: 6469

I have a YT-450 which I am using with the Yaesu FT-950.
When I tune the antenna, regardless of band if the rig power was set to say 70 watts after tuning it resets to 50 watts. Also when setting up it's tuning procedure on any band, it keeps switching to 7MHz. After the tuning it always sets the 40 metre memory from the frequency I was on to 7026.72 and the mode switches to AM.
This does not happen with the internal ATU or another one which I borrowed to try.
My thoughts are that it must be a problem with the YT-450. Anyone out there any suggestions or also had this?

Thanks
Roley G3VIR

6470. Dead AT-100 Pro II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-09-16 18:23:51 UTC
From: <n3tlq@...>
Topic: 6470 Message: 6470

Back at the end of June, I purchased an AT-100 Pro II to replace my old AT-11MP, and WOW, what an improvement! This morning I made some changes to one of my antennas, and I started doing some testing to see how the loading had changed. After about 5 or 6 seconds (cw keydown @ 60 watts) the lights on the tuner gave me a pattern that I'd never seen before, and they stayed on after unkeying the transmitter. (BTW, I'm using an old FT-747GX.) I shut down the power supply for 10 seconds, turned it back on and the 747 worked, but the Pro II was dead as a doornail. No lights, no clicks, no nuttin"! I checked the DC power-OK. The transmitter is only rated at 100 watts, so that shouldn't be the culprit, but on that antenna I sometimes have RFI issues. I opened the case and didn't see any obvious problems, but with all those surface mount parts, who knows??? Anyway, is there a way to reboot the unit, or something that I can do myself, or is it back to Maryland time?

TIA and 73 de Ron n3tlq

6471. Bypass

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-09-16 12:45:38 UTC
From: <daniel.o39connell@...>
Topic: 6471 Message: 6471

A quick question: My AT 100 Pro II tuner immediately goes to Bypass when I go on 10 meters. Can I assume that is because my antenna is resonant, or close to it, on that band, and therefore makes tuning unnecessary?

Thanks, Dan O/KC2TRX.

6472. Re: Bypass

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-09-17 05:21:42 UTC
From: Dwayne
Topic: 6471 Message: 6472

Dan,

Bypass is one of the selections that the tuner checks when tuning. So if the tuner chooses bypass and the SWR is good, the tuner has done it's job.

Dwayne Kincaid
LDG

6473. RE: [LDG-auto-tuners] Re: Bypass

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-09-17 14:28:34 UTC
From: John Deithloff
Topic: 6471 Message: 6473

Is this typical of all LDG tuners?

tnx,
73,
John, de W5FFS
AT-1000Pro Autotuner

_____

From: LDG-auto-tuners@yahoogroups.com
[mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Dwayne
Sent: Tuesday, September 17, 2013 12:22 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: Bypass

Dan,

Bypass is one of the selections that the tuner checks when tuning. So if the tuner chooses bypass and the SWR is good, the tuner has done it's job.

Dwayne Kincaid
LDG

6474. FW: [LDG-auto-tuners] Re: Bypass

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-09-17 14:30:06 UTC
From: John Deithloff
Topic: 6474 Message: 6474

From: LDG-auto-tuners@yahoogroups.com
[mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of John Deithloff
Sent: Tuesday, September 17, 2013 9:29 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: RE: [LDG-auto-tuners] Re: Bypass

Is this typical of all LDG tuners?

tnx,
73,
John, de W5FFS
AT-1000Pro Autotuner

From: LDG-auto-tuners@yahoogroups.com
[mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Dwayne
Sent: Tuesday, September 17, 2013 12:22 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: Bypass

Dan,

Bypass is one of the selections that the tuner checks when tuning. So if the
tuner chooses bypass and the SWR is good, the tuner has done it's job.

Dwayne Kincaid
LDG

6475. Re: [LDG-auto-tuners] Re: Bypass

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-09-17 15:47:59 UTC
From: VE6LB
Topic: 6474 Message: 6475

John,

Does this on my 1000Pro II.

73, VE6LB

From: John Deithloff
Sent: Tuesday, September 17, 2013 08:30
To: LDG-auto-tuners@yahoogroups.com
Subject: FW: [LDG-auto-tuners] Re: Bypass

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of John Deithloff
Sent: Tuesday, September 17, 2013 9:29 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: RE: [LDG-auto-tuners] Re: Bypass

Is this typical of all LDG tuners?

tnx,
73,
John, de W5FFS
AT-1000Pro Autotuner

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Dwayne
Sent: Tuesday, September 17, 2013 12:22 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: Bypass

Dan,

Bypass is one of the selections that the tuner checks when tuning. So if the tuner chooses bypass and the SWR is good, the tuner has done it's job.

Dwayne Kincaid
LDG

6476. Yahoo group change

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-09-18 15:10:17 UTC
From: <ag4hg@...>
Topic: 6476 Message: 6476

Can anyone help me with doing a text search of the messages on our group? The only search feature I see is for searching by message number. If I had the message number, I probably wouldn't need to search.

6477. Re: [LDG-auto-tuners] Yahoo group change

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-09-18 15:45:48 UTC
From: Leonard K. Pennock
Topic: 6476 Message: 6477

Well it looks like Yahoo's effort to make it cute as removed any real
functionality. Go to the feedback page and it is almost totally
complaints. Add one that asks were the message search feature went.

On 09/18/2013 08:10 AM, ag4hg@... wrote:
>
>
> Can anyone help me with doing a text search of the messages on our
> group? The only search feature I see is for searching by message
> number. If I had the message number, I probably wouldn't need to search.
>
>

--
Leonard K. Pennock
AD7AS

Those who walk bravely through life, unafraid of loss or failure,
find that they very rarely lose or fail.

6478. RE: Yahoo group change

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-09-18 16:26:57 UTC
From: <garry.foster1@...>
Topic: 6476 Message: 6478

Sure

Go to your groups page and at the top is a text box....

Enter your search term and click on Search Groups........

--- In LDG-auto-tuners@yahoogroups.com, <ldg-auto-tuners@yahoogroups.com> wrote:

Can anyone help me with doing a text search of the messages on our group? The only search feature I see is for searching by message number. If I had the message number, I probably wouldn't need to search.

6479. Re: [LDG-auto-tuners] RE: Yahoo group change

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-09-18 16:33:27 UTC
From: Leonard K. Pennock
Topic: 6476 Message: 6479

All I got was a 404 not found.

On 09/18/2013 09:26 AM, garry.foster1@... wrote:
>
>
> Sure
>
>
> Go to your groups page and at the top is a text box....
>
>
> Enter your search term and click on Search Groups........
>
>
>
>
> --- In LDG-auto-tuners@yahoogroups.com,
> <ldg-auto-tuners@yahoogroups.com> wrote:
>
> Can anyone help me with doing a text search of the messages on our
> group? The only search feature I see is for searching by message
> number. If I had the message number, I probably wouldn't need to search.
>
>
>

--
Leonard K. Pennock
AD7AS

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find that they very rarely lose or fail.

6480. RE: Yahoo group change

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-09-18 17:26:41 UTC
From: <mikelebron@...>
Topic: 6476 Message: 6480

I get this too.. Seems searching is broken

--- In ldg-auto-tuners@yahoogroups.com, <leonardpennock@...> wrote:

All I got was a 404 not found.

On 09/18/2013 09:26 AM, garry.foster1@... wrote:
>
>
> Sure
>
>
> Go to your groups page and at the top is a text box....
>
>
> Enter your search term and click on Search Groups........
>
>
>
>
> --- In LDG-auto-tuners@yahoogroups.com,
> <ldg-auto-tuners@yahoogroups.com> wrote:
>
> Can anyone help me with doing a text search of the messages on our
> group? The only search feature I see is for searching by message
> number. If I had the message number, I probably wouldn't need to search.
>
>
>

--
Leonard K. Pennock
AD7AS

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find that they very rarely lose or fail.

6481. RE: RE: Yahoo group change

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-09-18 18:04:31 UTC
From: <ag4hg@...>
Topic: 6476 Message: 6481

I moderate several Yahoo groups and have found lots of features that no longer work after their "improvements".

--- In LDG-auto-tuners@yahoogroups.com, <ldg-auto-tuners@yahoogroups.com> wrote:

I get this too.. Seems searching is broken

--- In ldg-auto-tuners@yahoogroups.com, <leonardpennock@...> wrote:

All I got was a 404 not found.

On 09/18/2013 09:26 AM, garry.foster1@... wrote:
>
>
> Sure
>
>
> Go to your groups page and at the top is a text box....
>
>
> Enter your search term and click on Search Groups........
>
>
>
>
> --- In LDG-auto-tuners@yahoogroups.com,
> <ldg-auto-tuners@yahoogroups.com> wrote:
>
> Can anyone help me with doing a text search of the messages on our
> group? The only search feature I see is for searching by message
> number. If I had the message number, I probably wouldn't need to search.
>
>
>

--
Leonard K. Pennock
AD7AS

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find that they very rarely lose or fail.

6482. RE: Yahoo group change

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-09-18 18:07:02 UTC
From: <ag4hg@...>
Topic: 6476 Message: 6482

That feature finds groups. I am trying to search messages within a particular group.

--- In ldg-auto-tuners@yahoogroups.com, <garry.foster1@...> wrote:

Sure

Go to your groups page and at the top is a text box....

Enter your search term and click on Search Groups........

--- In LDG-auto-tuners@yahoogroups.com, <ldg-auto-tuners@yahoogroups.com> wrote:

Can anyone help me with doing a text search of the messages on our group? The only search feature I see is for searching by message number. If I had the message number, I probably wouldn't need to search.

6483. Re: [LDG-auto-tuners] RE: RE: Yahoo group change

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-09-18 19:13:53 UTC
From: Jimmy (WB8NBI)
Topic: 6476 Message: 6483

All my groups are very bad now.

DE Jimmy (WB8NBI)

From: ag4hg@...
Sent: Wednesday, September 18, 2013 2:04 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] RE: RE: Yahoo group change

I moderate several Yahoo groups and have found lots of features that no longer work after their "improvements".

--- In LDG-auto-tuners@yahoogroups.com, <ldg-auto-tuners@yahoogroups.com> wrote:

I get this too.. Seems searching is broken

--- In ldg-auto-tuners@yahoogroups.com, <leonardpennock@...> wrote:

All I got was a 404 not found.

On 09/18/2013 09:26 AM, garry.foster1@... wrote:
>
>
> Sure
>
>
> Go to your groups page and at the top is a text box....
>
>
> Enter your search term and click on Search Groups........
>
>
>
>
> --- In LDG-auto-tuners@yahoogroups.com,
> <ldg-auto-tuners@yahoogroups.com> wrote:
>
> Can anyone help me with doing a text search of the messages on our
> group? The only search feature I see is for searching by message
> number. If I had the message number, I probably wouldn't need to search.
>
>
>

--
Leonard K. Pennock
AD7AS

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find that they very rarely lose or fail.

6484. Re: [LDG-auto-tuners] RE: RE: Yahoo group change

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-09-18 19:26:55 UTC
From: Garry Foster
Topic: 6476 Message: 6484

What term did you search for

Sent from Garry's iPhone

On Sep 18, 2013, at 2:04 PM, <ag4hg@...> wrote:

> I moderate several Yahoo groups and have found lots of features that no longer work after their "improvements".
>
>
>
> --- In LDG-auto-tuners@yahoogroups.com, <ldg-auto-tuners@yahoogroups.com> wrote:
>
> I get this too.. Seems searching is broken
>
>
>
> --- In ldg-auto-tuners@yahoogroups.com, <leonardpennock@...> wrote:
>
> All I got was a 404 not found.
>
> On 09/18/2013 09:26 AM, garry.foster1@... wrote:
> >
> >
> > Sure
> >
> >
> > Go to your groups page and at the top is a text box....
> >
> >
> > Enter your search term and click on Search Groups........
> >
> >
> >
> >
> > --- In LDG-auto-tuners@yahoogroups.com,
> > <ldg-auto-tuners@yahoogroups.com> wrote:
> >
> > Can anyone help me with doing a text search of the messages on our
> > group? The only search feature I see is for searching by message
> > number. If I had the message number, I probably wouldn't need to search.
> >
> >
> >
>
> --

> Leonard K. Pennock
> AD7AS
>
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> find that they very rarely lose or fail.
>

6485. Re: [LDG-auto-tuners] Yahoo group change

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-09-18 19:29:20 UTC
From: Garry Foster
Topic: 6476 Message: 6485

What are you wanting to search for

Sent from Garry's iPhone

On Sep 18, 2013, at 11:10 AM, <ag4hg@...> wrote:

> Can anyone help me with doing a text search of the messages on our group? The only search feature I see is for searching by message number. If I had the message number, I probably wouldn't need to search.
>
>

6486. Re: [LDG-auto-tuners] RE: RE: Yahoo group change

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-09-18 19:31:05 UTC
From: Garry Foster
Topic: 6476 Message: 6486

I searched for "AT11" and got a Tim of messages listed along with their message number.

Sent from Garry's iPhone

On Sep 18, 2013, at 2:04 PM, <ag4hg@...> wrote:

> I moderate several Yahoo groups and have found lots of features that no longer work after their "improvements".
>
>
>
> --- In LDG-auto-tuners@yahoogroups.com, <ldg-auto-tuners@yahoogroups.com> wrote:
>
> I get this too.. Seems searching is broken
>
>
>
> --- In ldg-auto-tuners@yahoogroups.com, <leonardpennock@...> wrote:
>
> All I got was a 404 not found.
>
> On 09/18/2013 09:26 AM, garry.foster1@... wrote:
> >
> >
> > Sure
> >
> >
> > Go to your groups page and at the top is a text box....
> >
> >
> > Enter your search term and click on Search Groups........
> >
> >
> >
> >
> > --- In LDG-auto-tuners@yahoogroups.com,
> > <ldg-auto-tuners@yahoogroups.com> wrote:
> >
> > Can anyone help me with doing a text search of the messages on our
> > group? The only search feature I see is for searching by message
> > number. If I had the message number, I probably wouldn't need to search.
> >
> >
> >
> >
> > --

> Leonard K. Pennock
> AD7AS
>
> Those who walk bravely through life, unafraid of loss or failure,
> find that they very rarely lose or fail.
>

6487. Re: [LDG-auto-tuners] RE: RE: Yahoo group change

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-09-18 19:36:27 UTC
From: Pete Theer
Topic: 6476 Message: 6487

I'm a member of 57 Yahoo groups, Owner of 6 and moderator of two others. I can't delete any messages. I have my groups set up to send the group policy statement as a message to all members once a month and have been deleting them from the archive so group policy messages don't fill up the archive. The "neo" groups will no longer allow me to delete these (or any other) messages. It says "Deleting Message" but never does. Pete, K5PRT ----- Original Message ----- From: "Jimmy (WB8NBI)" To: LDG-auto-tuners@yahoogroups.com Sent: Wednesday, September 18, 2013 2:13:53 PM Subject: Re: [LDG-auto-tuners] RE: RE: Yahoo group change All my groups are very bad now. DE Jimmy (WB8NBI) From: ag4hg@... Sent: Wednesday, September 18, 2013 2:04 PM To: LDG-auto-tuners@yahoogroups.com Subject: [LDG-auto-tuners] RE: RE: Yahoo group change I moderate several Yahoo groups and have found lots of features that no longer work after their "improvements". --- In LDG-auto-tuners@yahoogroups.com, wrote: I get this too.. Seems searching is broken --- In ldg-auto-tuners@yahoogroups.com, wrote: All I got was a 404 not found.
On 09/18/2013 09:26 AM, garry.foster1@... wrote: > > > Sure > > > Go to your groups page and at the top is a text box.... > > > Enter your search term and click on Search Groups..... > > > > > --- In LDG-auto-tuners@yahoogroups.com , > < ldg-auto-tuners@yahoogroups.com > wrote: > > Can anyone help me with doing a text search of the messages on our > group? The only search feature I see is for searching by message > number. If I had the message number, I probably wouldn't need to search. > > > -- Leonard K. Pennock AD7AS Those who walk bravely through life, unafraid of loss or failure, find that they very rarely lose or fail.

6488. Re: [LDG-auto-tuners] RE: Yahoo group change

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-09-19 03:33:20 UTC
From: Garry Foster
Topic: 6476 Message: 6488

Yes it looks that way but if you are in a group it finds messages... As I said I searched for the AT11 in this group and got a ton of hits. Have you actual;ly tried it? I have and it works for me...

It seems as if some of the "improvements" roll out to users at different times..

On Wed, Sep 18, 2013 at 2:07 PM, <ag4hg@...> wrote:

> **
>
>
> That feature finds groups. I am trying to search messages within a
> particular group.
>
>
>
>
>
> --- In ldg-auto-tuners@yahoogroups.com, <garry.foster1@...> wrote:
>
> Sure
>
>
> Go to your groups page and at the top is a text box....
>
>
> Enter your search term and click on Search Groups........
>
>
>
>
>
> --- In LDG-auto-tuners@yahoogroups.com, <ldg-auto-tuners@yahoogroups.com>
> wrote:
>
> Can anyone help me with doing a text search of the messages on our group?
> The only search feature I see is for searching by message number. If I had
> the message number, I probably wouldn't need to search.
>
>
>

6489. Re: [LDG-auto-tuners] RE: Yahoo group change

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-09-19 03:34:17 UTC
From: Garry Foster
Topic: 6476 Message: 6489

Also I have asked what you are trying to search for and I would see iof the search worked here...

On Wed, Sep 18, 2013 at 11:33 PM, Garry Foster <garry.foster1@...>wrote:

> Yes it looks that way but if you are in a group it finds messages... As I
> said I searched for the AT11 in this group and got a ton of hits. Have you
> actual;ly tried it? I have and it works for me...
>
> It seems as if some of the "improvements" roll out to users at different
> times..
>
>
> On Wed, Sep 18, 2013 at 2:07 PM, <ag4hg@yahoo.com> wrote:
>
>> **
>>
>>
>> That feature finds groups. I am trying to search messages within a
>> particular group.
>>
>>
>>
>>
>> --- In ldg-auto-tuners@yahoogroups.com, <garry.foster1@...> wrote:
>>
>> Sure
>>
>>
>> Go to your groups page and at the top is a text box....
>>
>>
>> Enter your search term and click on Search Groups........
>>
>>
>>
>>
>> --- In LDG-auto-tuners@yahoogroups.com, <ldg-auto-tuners@yahoogroups.com>
>> wrote:
>>
>> Can anyone help me with doing a text search of the messages on our
>> group? The only search feature I see is for searching by message number.
>> If I had the message number, I probably wouldn't need to search.
>>
>>

>>
>
>

6490. Re: [LDG-auto-tuners] RE: Yahoo group change

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-09-19 03:36:27 UTC
From: Garry Foster
Topic: 6476 Message: 6490

And now that they have fixed it again I am getting the 404 error at this
time... Well I had search for a few days..

On Wed, Sep 18, 2013 at 11:34 PM, Garry Foster <garry.foster1@...>wrote:

> Also I have asked what you are trying to search for and I would see iof
> the search worked here...
>
>
>
> On Wed, Sep 18, 2013 at 11:33 PM, Garry Foster <garry.foster1@gmail.com>wrote:
>
>> Yes it looks that way but if you are in a group it finds messages... As I
>> said I searched for the AT11 in this group and got a ton of hits. Have you
>> actual;ly tried it? I have and it works for me...
>>
>> It seems as if some of the "improvements" roll out to users at different
>> times..
>>
>>
>> On Wed, Sep 18, 2013 at 2:07 PM, <ag4hg@...> wrote:
>>
>>> **
>>>
>>>
>>> That feature finds groups. I am trying to search messages within a
>>> particular group.
>>>
>>>
>>>
>>>
>>> --- In ldg-auto-tuners@yahoogroups.com, <garry.foster1@...> wrote:
>>>
>>> Sure
>>>
>>>
>>> Go to your groups page and at the top is a text box....
>>>
>>>
>>> Enter your search term and click on Search Groups........
>>>
>>>
>>>
>>>
>>> --- In LDG-auto-tuners@yahoogroups.com, <ldg-auto-tuners@yahoogroups.com>

>>> wrote:
>>>
>>> Can anyone help me with doing a text search of the messages on our
>>> group? The only search feature I see is for searching by message number.
>>> If I had the message number, I probably wouldn't need to search.
>>>
>>>
>>>
>>
>>
>

6491. LDG Closed for about one week.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-09-20 22:35:04 UTC
From: Dwayne
Topic: 6491 Message: 6491

LDG will be closed from Sept 23 through Oct 1 due to an unforeseen event. During this time, unfortunately there will be no e-mail or phone support. We will do our best to eliminate any backlog of support soon after Oct 2.

Thank you for your patience.

Dwayne Kincaid
LDG

6492. RE: [LDG-auto-tuners] LDG Closed for about one week.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-09-21 00:05:11 UTC
From: Bill Husted
Topic: 6491 Message: 6492

Best wishes I hope you'll be back up and running again on schedule.

Bill KQ4YA

-----Original Message-----
From: LDG-auto-tuners@yahoogroups.com
[mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Dwayne
Sent: Friday, September 20, 2013 6:35 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] LDG Closed for about one week.

LDG will be closed from Sept 23 through Oct 1 due to an unforeseen event.
During this time, unfortunately there will be no e-mail or phone support. We
will do our best to eliminate any backlog of support soon after Oct 2.

Thank you for your patience.

Dwayne Kincaid
LDG

Yahoo! Groups Links

6493. RE: RE: [LDG-auto-tuners] LDG Closed for about one week.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-10-01 23:55:55 UTC
From: <ldgyahoo@...>
Topic: 6491 Message: 6493

We are finally back. A special thank you for those there were patient. It was an unavoidable absence as I'm sure most of you have gone through.

In any case, we're back and are caught up to date on most of the e-mail and phone calls.

Dwayne Kincaid
LDG

---In LDG-auto-tuners@yahoogroups.com, <ldg-auto-tuners@yahoogroups.com> wrote:

Best wishes I hope you'll be back up and running again on schedule.

Bill KQ4YA

-----Original Message-----
From: LDG-auto-tuners@yahoogroups.com
[mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Dwayne
Sent: Friday, September 20, 2013 6:35 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] LDG Closed for about one week.

LDG will be closed from Sept 23 through Oct 1 due to an unforeseen event. During this time, unfortunately there will be no e-mail or phone support. We will do our best to eliminate any backlog of support soon after Oct 2.

Thank you for your patience.

Dwayne Kincaid
LDG

Yahoo! Groups Links

6494. RE: RE: [LDG-auto-tuners] LDG Closed for about one week.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-10-02 00:02:22 UTC
From: Bill Husted
Topic: 6491 Message: 6494

Welcome back - and thanks for all the time you spend here helping.

Bill KQ4YA

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of ldgyahoo@...
Sent: Tuesday, October 01, 2013 7:56 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: RE: RE: [LDG-auto-tuners] LDG Closed for about one week.

We are finally back. A special thank you for those there were patient. It was an unavoidable absence as I'm sure most of you have gone through.

In any case, we're back and are caught up to date on most of the e-mail and phone calls.

Dwayne Kincaid

LDG

---In LDG-auto-tuners@yahoogroups.com, <ldg-auto-tuners@yahoogroups.com> wrote:

Best wishes I hope you'll be back up and running again on schedule.

Bill KQ4YA

-----Original Message-----
From: LDG-auto-tuners@yahoogroups.com
[mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Dwayne
Sent: Friday, September 20, 2013 6:35 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] LDG Closed for about one week.

LDG will be closed from Sept 23 through Oct 1 due to an unforeseen event. During this time, unfortunately there will be no e-mail or phone support. We will do our best to eliminate any backlog of support soon after Oct 2.

Thank you for your patience.

Dwayne Kincaid
LDG

Yahoo! Groups Links

6495. Re: RE: [LDG-auto-tuners] LDG Closed for about one week.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-10-02 21:26:16 UTC
From: Furliips Stardust
Topic: 6491 Message: 6495

What he said. ;-)

Jeff-1.0
wa6fwi

From: Bill Husted <bhusted@...>

Welcome back - and thanks for all the time you spend here helping.

Bill KQ4YA

6496. Re: [LDG-auto-tuners] Re: SWR Reading on Radio VS on LDG Tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-10-08 13:10:43 UTC
From: doug pfaff
Topic: 6419 Message: 6496

What is your antenna swr profile for the band in question it likely is not a flat line relationship.

Are you using a multiband antenna it likely does not exhibit the same profile shape on each band as they are a compromise.

Remember a tuner is making the antenna look like a perfect match to the transmitter in the radio.

Doug VE5DCP
----- Original Message -----
From: kd2cjj
To: LDG-auto-tuners@yahoogroups.com
Sent: Saturday, August 17, 2013 5:21 PM
Subject: [LDG-auto-tuners] Re: SWR Reading on Radio VS on LDG Tuner

I did some experimenting with my new AT1000 PRO II (also have a 100PRO II that is being replaced).

What I have noticed is that some times it does NOT actually find the best match. Some times its on the fringe and incorrectly selects the wrong Hi/LoZ. Under the circumstances that this happens I noticed that the SWRs are not matching the radio, by a significant amount...

I will do a comparison between the my AT PRO II 100 vs 1000 to give the rest of my findings in a different thread. With that said, there is surely something afoot. Can LDG chime in on this issue?

--- In LDG-auto-tuners@yahoogroups.com, Craig <cpu_nut@...> wrote:
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> You might try the z-817 tuner as it is designed specifically for the FT-817 and will give a great match.
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> > - Al N1AW
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6497. RE: SWR Reading on Radio VS on LDG Tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-10-09 13:24:34 UTC
From: <mikelebron@...>
Topic: 6419 Message: 6497

Unfortunately a good match to the rig does not always happen with the LDG tuners.. I have seen enough threads started with never answers from LDG (even LDG has emailed me back saying that there is nothing that can be done - pretty much live with it) as to why the tuners meter shows an acceptable SWR but the rig sees something as high as 1 or 1.5 SWR points higher. I can almost always after an auto tune when this occurs, tune the tuner using the manual controls to a significantly lower SWR which satisfies both the tuner and rigs SWR meter. Some times I can tune the match LOWER from the rigs meter than what the tuner sees! Its NOT the rigs meter as I have an external meter between the rig and the tuner and it confirms what the rig is seeing.

I do admit that this issue typically occurs where the SWR is above a 3:1 - but honestly my rigs tuner can tune up to a 4.5 :1.

The conclusion I have to come to is that the metering circuit on the LDG is not all that good and for now living with the need to manual tune the tuner sometimes (not always)... of course this defeats the purpose of an auto tuner. I may dump both units and either try another manufacturer or go to a manual tuner... Yes... I am upset about the service I have gotten for this issue.

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To: LDG-auto-tuners@yahoogroups.com mailto:LDG-auto-tuners@yahoogroups.com
Sent: Saturday, August 17, 2013 5:21 PM
Subject: [LDG-auto-tuners] Re: SWR Reading on Radio VS on LDG Tuner

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I will do a comparison between the my AT PRO II 100 vs 1000 to give the rest of my findings in a different thread. With that said, there is surely something afoot. Can LDG chime in on this issue?

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6498. Re: [LDG-auto-tuners] RE: SWR Reading on Radio VS on LDG Tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-10-09 13:55:06 UTC
From: Jimmy (WB8NBI)
Topic: 6419 Message: 6498

I have three different LDG tuners Z-100Plus, IT-100, and a AT-600Pro and they all give me good match all the time go figure.

DE Jimmy (WB8NBI)

From: mikelebron@...
Sent: Wednesday, October 09, 2013 9:24 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] RE: SWR Reading on Radio VS on LDG Tuner

Unfortunately a good match to the rig does not always happen with the LDG tuners.. I have seen enough threads started with never answers from LDG (even LDG has emailed me back saying that there is nothing that can be done - pretty much live with it) as to why the tuners meter shows an acceptable SWR but the rig sees something as high as 1 or 1.5 SWR points higher. I can almost always after an auto tune when this occurs, tune the tuner using the manual controls to a significantly lower SWR which satisfies both the tuner and rigs SWR meter. Some times I can tune the match LOWER from the rigs meter than what the tuner sees! Its NOT the rigs meter as I have an external meter between the rig and the tuner and it confirms what the rig is seeing.

I do admit that this issue typically occurs where the SWR is above a 3:1 - but honestly my rigs tuner can tune up to a 4.5 :1.

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6499. RE: [LDG-auto-tuners] RE: SWR Reading on Radio VS on LDG Tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-10-09 14:11:30 UTC
From: Bill Husted
Topic: 6419 Message: 6499

Same here - I use an AT-600 and the Z-100plus - excellent job (even when I use my 40 meter delta loop on the higher bands. They've been trouble free for me. (I have a manual Palstar AT2K and, using it, I can generally tweak for a lower SWR than I get with the automatic tuners but we are talking the difference, for example, between 1.2 and a perfect match ... so not significant).

Bill KQ4YA

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Jimmy (WB8NBI)
Sent: Wednesday, October 09, 2013 9:55 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] RE: SWR Reading on Radio VS on LDG Tuner

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Sent: Saturday, August 17, 2013 5:21 PM

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6500. Re: [LDG-auto-tuners] RE: SWR Reading on Radio VS on LDG Tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-10-09 14:27:46 UTC
From: Mike Morrow, W3QT
Topic: 6419 Message: 6500

Mike,

I have the same issues with the tuner (AT-1000PROII and M-1000) as you. I use a lot of 450 ohm ladder line and quite frequently see different SWR readings between the PROIII and M-1000. When I ran a manual tuner the tuner readings and PROIII readings matched. Response from LDG has not been helpful. I'm not troubled by an SWR of, say, 1.5:1, but I would like to know why there's the continual difference. I guess I've been spoiled by my years in ham radio and have developed a need to know the "why" of things rather than just accepting the results when I push a button. Good luck, Mike.

Mike, W3QT

On 2013-10-09 13:55, Jimmy (WB8NBI) wrote:
>
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> *Sent:* Wednesday, October 09, 2013 9:24 AM
> *To:* LDG-auto-tuners@yahoogroups.com
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6501. Re: [LDG-auto-tuners] RE: SWR Reading on Radio VS on LDG Tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-10-09 14:36:40 UTC
From: N2CKH
Topic: 6419 Message: 6501

Hi Mike,

Based on my experience you likely have a stray RF
issue that can squared away with common mode
chokes on one or more cables to the ATU, D.C.
power, coax lines etc., an un-terminated port
(depending on the model in question) could
possibly be an issue but its not likely.

Once upon a time when I was younger and foolish I
brought open wire feed line into the station to
the back of the Roller Inductor tuner balun and
when I started using AATU that feed line was also
used on a well grounded balun located inside the
station as well, even though I learned how to
mitigate the effects, I ceased bringing any thing
but coax into the station, all balun's are
mounted outdoors in my operations. But even then
you have currents riding on the coax shield to deal with.

The other thing to address is all un-terminated
transmission lines if you have many antenna and
feed lines coming into the station, be sure to
run them all to ground either via unused port
grounding switch boxes or patch panel configuration.

Sincerely.

/s/ Steve, N2CKH

At 09:24 AM 10/9/2013, you wrote:
>
>
> Unfortunately a good match to the rig does not
> always happen with the LDG tuners.. I have
> seen enough threads started with never answers
> from LDG (even LDG has emailed me back saying
> that there is nothing that can be done - pretty
> much live with it) as to why the tuners meter
> shows an acceptable SWR but the rig sees
> something as high as 1 or 1.5 SWR points
> higher. I can almost always after an auto
> tune when this occurs, tune the tuner using the
> manual controls to a significantly lower SWR
> which satisfies both the tuner and rigs SWR
> meter. Some times I can tune the match LOWER

> from the rigs meter than what the tuner
> sees! Its NOT the rigs meter as I have an
> external meter between the rig and the tuner
> and it confirms what the rig is seeing.
>
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>I do admit that this issue typically occurs
>where the SWR is above a 3:1 - but honestly my
>rigs tuner can tune up to a 4.5 :1.
>
>
>The conclusion I have to come to is that the
>metering circuit on the LDG is not all that good
>and for now living with the need to manual tune
>the tuner sometimes (not always)... of course
>this defeats the purpose of an auto tuner. I
>may dump both units and either try another
>manufacturer or go to a manual tuner... Yes... I
>am upset about the service I have gotten for this issue.
>
>
>---In ldg-auto-tuners@yahoogroups.com, <doug.pfaff@...> wrote:
>
>What is your antenna swr profile for the band in
>question it likely is not a flat line relationship.
>
>Are you using a multiband antenna it likely does
>not exhibit the same profile shape on each band as they are a compromise.
>
>Remember a tuner is making the antenna look like
>a perfect match to the transmitter in the radio.
>
>Doug VE5DCP
>----- Original Message -----
>From: <mailto:mikelebron@...>kd2cjj
>To: <mailto:LDG-auto-tuners@yahoogroups.com>LDG-auto-tuners@yahoogroups.com
>Sent: Saturday, August 17, 2013 5:21 PM
>Subject: [LDG-auto-tuners] Re: SWR Reading on Radio VS on LDG Tuner
>
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>
>I did some experimenting with my new AT1000 PRO
>II (also have a 100PRO II that is being replaced).
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>on the fringe and incorrectly selects the wrong
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><mailto:LDG-auto-tuners%40yahoogroups.com>LDG-auto-tuners@yahoogroups.com,
>Craig <cpu_nut@...> wrote:
> >
> > You might try the z-817 tuner as it is
> designed specifically for the FT-817 and will give a great match.
> >
> > Craig
> >
> > On Aug 17, 2013, at 2:18 PM, "aswoodhull" <aswoodhull@...> wrote:
> >
> > >
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> of the 817 when I use the CAP and IND up/down
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> seen by the 817. I assumed that this was a
> problem with the calibration of the LDG, and I
> got a helpful reply when I wrote to LDG tech
> support for guidance in how to adjust the Z-11
> internally. It has been my intention to do this
> with a good dummy load, but I haven't done so
> yet, and I realized I should also try to find
> out if there is a way to calibrate the SWR
> sensing circuits in the transceiver.
> > >
> > > In the end, however, I expect I will go
> with whatever makes the QRP transceiver
> happiest, since it will actively reduce power
> output if it doesn't like the SWR it senses.
> > >
> > > I also have a Z-100Plus that I use with an
> Alinco DX-70 for QRO operation. The Z-100
> doesn't have provision for adjusting its L and
> C manually, and the DX-70 doesn't indicate
> sensed SWR, so I'm not sure whether I have problems with this combo.
> > >
> > > All that said, I had not considered that

> r.f. could be getting into the tuner as
> suggested by WA6FWI. For both of my setups I
> use very short coax from transceiver to tuner
> and the 12 V supply lines are also Y-connected very close to both units.
> > >
> > > - Al N1AW
> > >
> > > --- In
> <mailto:LDG-auto-tuners%40yahoogroups.com>LDG-auto-tuners@yahoogroups.com,
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> > >> This goes back to the problem of RF
> getting into the tuner. And it doesn't HAVE to
> get in via the DC power cable, or the antenna cables.
> > >> ANY RF getting into the detector from
> anything other than the true reflected RF is
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> > >
> > > Yahoo! Groups Links
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6502. Re: [LDG-auto-tuners] RE: SWR Reading on Radio VS on LDG Tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-10-09 14:58:09 UTC
From: Michael Walker
Topic: 6419 Message: 6502

SWR will vary along a feedline if it is not a perfect 1:1.

In College, we did SWR tests along a feedline that was multiple wavelengths long. We measured the SWR at 1/4, 1/2, 3/4 and 1 wavelength. If the source impedance produces a 1.5:1 then you can measure different readings along the feedline.

Short story, don't worry about it. It is the physics of feedlines. Just keep the transmitter happy so it sees a correct match.

Everyone spends too much time on worrying about SWR because it is simple to measure. What you want to worry about what sort of signal you radiate and making sure you keep the RF off the feedline and in the feedline with chokes. :)

Mike va3mw

On Wed, Oct 9, 2013 at 10:36 AM, N2CKH <n2ckh@...> wrote:

> **
>
>
>
> Hi Mike,
>
> Based on my experience you likely have a stray RF issue that can squared
> away with common mode chokes on one or more cables to the ATU, D.C. power,
> coax lines etc., an un-terminated port (depending on the model in question)
> could possibly be an issue but its not likely.
>
> Once upon a time when I was younger and foolish I brought open wire feed
> line into the station to the back of the Roller Inductor tuner balun and
> when I started using AATU that feed line was also used on a well grounded
> balun located inside the station as well, even though I learned how to
> mitigate the effects, I ceased bringing any thing but coax into the
> station, all balun's are mounted outdoors in my operations. But even then
> you have currents riding on the coax shield to deal with.
>
> The other thing to address is all un-terminated transmission lines if you
> have many antenna and feed lines coming into the station, be sure to run
> them all to ground either via unused port grounding switch boxes or patch
> panel configuration.
>
> Sincerely.
>
> /s/ Steve, N2CKH

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> tuners.. I have seen enough threads started with never answers from LDG
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> SWR but the rig sees something as high as 1 or 1.5 SWR points higher. I
> can almost always after an auto tune when this occurs, tune the tuner using
> the manual controls to a significantly lower SWR which satisfies both the
> tuner and rigs SWR meter. Some times I can tune the match LOWER from the
> rigs meter than what the tuner sees! Its NOT the rigs meter as I have an
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> but honestly my rigs tuner can tune up to a 4.5 :1.
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> The conclusion I have to come to is that the metering circuit on the LDG
> is not all that good and for now living with the need to manual tune the
> tuner sometimes (not always)... of course this defeats the purpose of an
> auto tuner. I may dump both units and either try another manufacturer or
> go to a manual tuner... Yes... I am upset about the service I have gotten
> for this issue.
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> What is your antenna swr profile for the band in question it likely is not
> a flat line relationship.
>
> Are you using a multiband antenna it likely does not exhibit the same
> profile shape on each band as they are a compromise.
>
> Remember a tuner is making the antenna look like a perfect match to the
> transmitter in the radio.
>
> Doug VE5DCP
> ----- Original Message -----
> From: kd2cjj <mikelebron@...>
> To: LDG-auto-tuners@yahoogroups.com
> Sent: Saturday, August 17, 2013 5:21 PM

> Subject: [LDG-auto-tuners] Re: SWR Reading on Radio VS on LDG Tuner
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> I did some experimenting with my new AT1000 PRO II (also have a 100PRO II
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> get significantly more power out of the 817 when I use the CAP and IND
> up/down switches on the Z-11 to minimize the SWR as seen by the 817. I
> assumed that this was a problem with the calibration of the LDG, and I got
> a helpful reply when I wrote to LDG tech support for guidance in how to
> adjust the Z-11 internally. It has been my intention to do this with a good
> dummy load, but I haven't done so yet, and I realized I should also try to
> find out if there is a way to calibrate the SWR sensing circuits in the
> transceiver.
> > > >
> > > > In the end, however, I expect I will go with whatever makes the QRP
> transceiver happiest, since it will actively reduce power output if it
> doesn't like the SWR it senses.
> > > >
> > > > I also have a Z-100Plus that I use with an Alinco DX-70 for QRO
> operation. The Z-100 doesn't have provision for adjusting its L and C
> manually, and the DX-70 doesn't indicate sensed SWR, so I'm not sure
> whether I have problems with this combo.
> > > >

> > > All that said, I had not considered that r.f. could be getting into
> the tuner as suggested by WA6FWI. For both of my setups I use very short
> coax from transceiver to tuner and the 12 V supply lines are also
> Y-connected very close to both units.
> > >
> > > - Al N1AW
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> > > --- In LDG-auto-tuners@yahoogroups.com, Furliips Stardust <grendelair@>
> wrote:
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> > >> This goes back to the problem of RF getting into the tuner. And it
> doesn't HAVE to get in via the DC power cable, or the antenna cables.
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> reflected RF is going to adversely affect the readings. It also causes
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6503. Re: [LDG-auto-tuners] RE: SWR Reading on Radio VS on LDG Tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-10-09 16:46:06 UTC
From: Hank Greeb
Topic: 6419 Message: 6503

May I dispute your assertion?

I put the signal FROM my transmitter into the feedline, and expect my antenna to catch signals and feed them INTO my receiver. I believe that's the purpose of afeedline.

I definitely don't want signals to be kept off my feedline.

Note, I have zero, zilch,NADA, chokes on the open wirefeedlinewhich I use @ my station.

If you meant "keep unbalanced currentswhich will act as radiators and disrupt the pattern of the antenna from the feedline" then you're so right.

72/73 de n8xx Hg
QRP >99.44% of the time

On 10/9/2013 10:58 AM, Michael Walker wrote:
> What you want to worry about what sort of signal you radiate and
> making sure you keep the RF off the feedline and in the feedline with
> chokes.

6504. Re: [LDG-auto-tuners] RE: SWR Reading on Radio VS on LDG Tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-10-10 02:18:54 UTC
From: Michael Walker
Topic: 6419 Message: 6504

And, I am right.

Thanks for pointing that out.

Mike va3mw

On Wed, Oct 9, 2013 at 12:46 PM, Hank Greeb <n8xx@...> wrote:

> **
>
>
> May I dispute your assertion?
>
> I put the signal FROM my transmitter into the feedline, and expect my antenna
> to catch signals and feed them INTO my receiver. I believe that's the
> purpose of a feedline.
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> I definitely don't want signals to be kept off my feedline.
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> Note, I have zero, zilch, NADA, chokes on the open wire feedline which I
> use @ my station.
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> 72/73 de n8xx Hg
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> On 10/9/2013 10:58 AM, Michael Walker wrote:
>
> What you want to worry about what sort of signal you radiate and making
> sure you keep the RF off the feedline and in the feedline with chokes.
>
>
>
>
>

6505. RT-100 available in October of 2013

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-10-11 08:10:31 UTC
From: <ve5kc@...>
Topic: 6505 Message: 6505

LDG announced on their website that the RT-100 external tuner will be available in October of 2013. The LDG RT-100 is also showing on dealer websites for order or pre-ordering.

My current setup is working well for me with aprox 30 feet of coax between my internal tuner and the balun connected to the 300 ohm feed line connected to my antenna. I know that the mismatch is at the antenna and not at at the radio end of the coax but how much improvement can be expected by using this external tuner. How can we determine when changing from a tuner in the shack to the RT-100 external tuner will really make a noticeable improvement.

Any thoughts on this?

Any way, I will waiting to hear user reports on this new tuner, especially how well it handles cold winter temperatures

73 - Ken - VE5KC
- MM Hamsoft - http://hamsoft.ca
- VE5KC - http://ham-radio.ca
- Amateur Radio Link - http://amateur-radio.ca http://amateur-radio.ca
---

6506. RE: Re: [LDG-auto-tuners] RE: SWR Reading on Radio VS on LDG Tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-10-11 14:18:43 UTC
From: <mikelebron@...>
Topic: 6419 Message: 6506

The fact of the matter is that the LDG Tuners have an issue with properly metering the SWR. I am not disputing the ability of the tuner but since it is labeled as an auto tuner my expectation is that the tuner tunes to the best possible match. Not he quickest match or the good enough match. Furthermore, that match should produce the same match that the rig sees with very little margin of error. I can see that there will be some margin of error due to cabling factors but not a full 1 to 2 SWR points difference.

And the notion (excuse) of some how the tuner being affected is hogwash. I have tested putting 5k Ohm impedance chokes on ever point of the run (right before the exciter, right before the tuner, right before entrance of my shack and at the antenna), I also have everything in my shack grounded now and I see NO difference. Very often when a relatively high swr is present, >2:1 match, the tuner can show a tune of a 1:1 while my rig sees a 2:1. If the tuner sees a 1.5:1 my rig can see a 2.5:1 so on and so on... All of which I can simply apply capacitance or inductance using the manual buttons on the tuner and achieve a lower, reasonable, equal match (rig = tuner swr). If I could not get the tuner to agree with the rig then I would then say that it is what it is... but it is not the case. I ALWAYS can get the tuner to equal the rigs SWR using the manual buttons. This phenomenon is worse with higher loss cabling - I use to run RG8x but now run RG8U to minimize the issue.

Between all that I have done to isolate any common mode, the fact that with manual adjustment the tuner and rig can be satisfied and others stating they have the exact same issue leads me to believe that the metering circuit and/or the tuning circuit on the tuner is faulty or a poor design.

And lastly, LDG has NEVER given me any comprehensible answer as to why this is occurring other than single sentence responses that say "Follow the Rigs SWR!!!" or "Nothing more you can do!", etc.

---In LDG-auto-tuners@yahoogroups.com, <ldg-auto-tuners@yahoogroups.com> wrote:

And, I am right.

Thanks for pointing that out.

Mike va3mw

On Wed, Oct 9, 2013 at 12:46 PM, Hank Greeb <n8xx@... mailto:n8xx@...> wrote:
May I dispute your assertion?

I put the signal FROM my transmitter into the feedline, and expect my antenna to catch signals and feed them INTO my receiver. I believe that's the purpose of a feedline.

I definitely don't want signals to be kept off my feedline.

Note, I have zero, zilch, NADA, chokes on the open wire feedline which I use @ my station.

If you meant "keep unbalanced currents which will act as radiators and disrupt the pattern of the antenna from the feedline" then you're so right.

72/73 de n8xx Hg
QRP >99.44% of the time

On 10/9/2013 10:58 AM, Michael Walker wrote:

What you want to worry about what sort of signal you radiate and making sure you keep the RF off the feedline and in the feedline with chokes.

6507. Re: [LDG-auto-tuners] RE: SWR Reading on Radio VS on LDG Tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-10-11 16:18:26 UTC
From: Albert Woodhull
Topic: 6419 Message: 6507

You wrote:
> The fact of the matter is that the LDG Tuners have an issue with properly metering the SWR.

You should be able to recalibrate your LDG tuner.

I think I might have posted this to this list before, but maybe it was a private response: On my Z-100 Plus and Z-11 there are a trimmer cap and two trimmer pots to calibrate the forward and reverse voltages from the sensor element. I wrote to LDG and asked how to calibrate my Z-1 and I got a reply that detailed the procedure.

Possibly they were more forthcoming with me because I mentioned that I had seen the adjustable elements on the schematic in my Z-11 manual. I have looked at the info on the LDG site and manuals for newer models don't seem to include schematics or "how it works" details. But it's likely the basic circuitry for sensing forward and reverse power is similar on newer models - there aren't too many ways to improve this, although certainly new models have more powerful microprocessors, more memory, and updated firmware programs.

If you can't find a schematic for your LDG unit look the QST archives on the ARRL site for the article by Dwayne Kincaid (January 1996) that describes the prototype for the AT-11, which LDG sold as a kit. The SWR sensor and relay circuitry are essentially the same as in the Z-11.

One caveat, it's possible the SWR sensor in your radio hascalibration adjustments, in which case the
difference might be the fault of the radio. However, it will be the SWR sensed by the radio, accurate or not, that will determine whether your output power is reduced.

Albert S. Woodhull
Leyden, Massachusetts
413-773-3522 (h)
413-348-1932 (c)
Amateur Radio: N1AW

6508. RE: Re: [LDG-auto-tuners] RE: SWR Reading on Radio VS on LDG Tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-10-11 17:55:58 UTC
From: <mikelebron@...>
Topic: 6419 Message: 6508

I will open my 100 PRO II to see if there any pots.... Can you share the detailed instructions? Its worth a shot!

---In LDG-auto-tuners@yahoogroups.com, <ldg-auto-tuners@yahoogroups.com> wrote:

You wrote:
> The fact of the matter is that the LDG Tuners have an issue with properly metering the SWR.

You should be able to recalibrate your LDG tuner.

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One caveat, it's possible the SWR sensor in your radio has calibration adjustments, in which case the
difference might be the fault of the radio. However, it will be the SWR sensed by the radio, accurate or not, that will determine whether your output power is reduced.

Albert S. Woodhull
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413-773-3522 (h)
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Amateur Radio: N1AW

6509. YT-450 problem on FT-950

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-10-21 03:25:57 UTC
From: <b.denley@...>
Topic: 6509 Message: 6509

This has happened before and is back again: every time I do a tune, the YT-450 changes my TX power from 100 to 50 and my AM carrier from 50 to 100. It's a pain to have to manually reset those menus (111, 112) every time I need to tune my antenna system. I made it stop once by doing a hard reset on the transceiver but now even that won't stop the problem. Anyone else ever experience this?

Brian KB1VBF

6510. Re: YT-450 problem on FT-950

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-10-21 06:52:17 UTC
From: roley_g3vir
Topic: 6509 Message: 6510

Brian
I have the same problem and I have seen posts here from others that also have this problem.
Not long ago it suddenly stopped doing this but it is back again.
Any comments from Wayne at LDG? I know he monitors this group.
Roley G3VIR

--- In LDG-auto-tuners@yahoogroups.com, <b.denley@...> wrote:
>
> This has happened before and is back again: every time I do a tune, the YT-450 changes my TX power from 100 to 50 and my AM carrier from 50 to 100. It's a pain to have to manually reset those menus (111, 112) every time I need to tune my antenna system. I made it stop once by doing a hard reset on the transceiver but now even that won't stop the problem. Anyone else ever experience this?
>
>
> Brian KB1VBF
>

6511. Z-11 pro or AT-100 Pro 2

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-10-21 18:52:45 UTC
From: <gntgrg@...>
Topic: 6511 Message: 6511

Dear Sir,
i want to buy a tuner for Yaesu 857.

I want to choose among Z-11 pro or AT-100 Pro 2.
The battery into the z-11 may be usefull but i read that at-100 is the perfect choice for 857 897 because if used also on v/uhf there are some problem with z-11 because some electrical output is also present on hf antenna.
I did not use v/Uhf.

I read also the led power indicator mey create some noise on at-100.

May you suggest wich is best to buy ?

Thanks Giorgio.

6512. Re: RE: [LDG-auto-tuners] LDG Closed for about one week.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-10-02 01:32:42 UTC
From: Jerry Lake
Topic: 6491 Message: 6512

I second Bill's comment. Glad you had a safe trip.

73,
Jerry KD4NH

On Tue, Oct 1, 2013 at 8:02 PM, Bill Husted <bhusted@...> wrote:

> **
>
>
> Welcome back - and thanks for all the time you spend here helping.****
>
> ** **
>
> Bill KQ4YA****
>
> ** **
>
> *From:* LDG-auto-tuners@yahoogroups.com [mailto:
> LDG-auto-tuners@yahoogroups.com] *On Behalf Of *
> ldgyahoo@...
> *Sent:* Tuesday, October 01, 2013 7:56 PM
> *To:* LDG-auto-tuners@yahoogroups.com
> *Subject:* RE: RE: [LDG-auto-tuners] LDG Closed for about one week.****
>
> ** **
>
>
>
>
>
> ****
>
> We are finally back. A special thank you for those there were patient. It
> was an unavoidable absence as I'm sure most of you have gone through.****
>
> ** **
>
> In any case, we're back and are caught up to date on most of the e-mail
> and phone calls.****
>
> ** **
>
> Dwayne Kincaid****
>
> LDG****
>

>
>
> ---In LDG-auto-tuners@yahoogroups.com, <ldg-auto-tuners@yahoogroups.com>
> wrote:****
>
> Best wishes I hope you'll be back up and running again on schedule.
>
> Bill KQ4YA
>
> -----Original Message-----
> From: LDG-auto-tuners@yahoogroups.com
> [mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Dwayne
> Sent: Friday, September 20, 2013 6:35 PM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: [LDG-auto-tuners] LDG Closed for about one week.
>
> LDG will be closed from Sept 23 through Oct 1 due to an unforeseen event.
> During this time, unfortunately there will be no e-mail or phone support.
> We
> will do our best to eliminate any backlog of support soon after Oct 2.
>
> Thank you for your patience.
>
> Dwayne Kincaid
> LDG
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> Yahoo! Groups Links****
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6513. RE: [LDG-auto-tuners] RE: SWR Reading on Radio VS on LDG Tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-10-09 15:04:34 UTC
From: Doug - k4gkj
Topic: 6419 Message: 6513

I was getting no worse than 2:1 most of the time. Now I dont get anything better than 6:1 at all.
Something in the tuner has changed/gone bad.

This was a sudden issue...not one that happened to get worse over time.

I am certain that something has gone defective.
I am thinking that it may be the prom.

Anyone have ideas?

LDG 7000

Doug Bennight
K4GKJ
850-528-5772

Sent from my Verizon Wireless 4G LTE Smartphone

-------- Original message --------
From: mikelebron@yahoo.com
Date:
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] RE: SWR Reading on Radio VS on LDG Tuner

Unfortunately a good match to the rig does not always happen with the LDG tuners.. I have seen enough threads started with never answers from LDG (even LDG has emailed me back saying that there is nothing that can be done - pretty much live with it) as to why the tuners meter shows an acceptable SWR but the rig sees something as high as 1 or 1.5 SWR points higher. I can almost always after an auto tune when this occurs, tune the tuner using the manual controls to a significantly lower SWR which satisfies both the tuner and rigs SWR meter. Some times I can tune the match LOWER from the rigs meter than what the tuner sees! Its NOT the rigs meter as I have an external meter between the rig and the tuner and it confirms what the rig is seeing.

I do admit that this issue typically occurs where the SWR is above a 3:1 - but honestly my rigs tuner can tune up to a 4.5 :1.

The conclusion I have to come to is that the metering circuit on the LDG is not all that good and for now living with the need to manual tune the tuner sometimes (not always)... of course this defeats the purpose of an auto tuner. I may dump both units and either try another manufacturer or go to a manual tuner... Yes... I am upset about the service I have gotten for this issue.

---In ldg-auto-tuners@yahoogroups.com, <doug.pfaff@...> wrote:

What is your antenna swr profile for the band in question it likely is not a flat line relationship.

Are you using a multiband antenna it likely does not exhibit the same profile shape on each band as they are a compromise.

Remember a tuner is making the antenna look like a perfect match to the transmitter in the radio.

Doug VE5DCP
----- Original Message -----
From: kd2cjj
To: LDG-auto-tuners@yahoogroups.com
Sent: Saturday, August 17, 2013 5:21 PM
Subject: [LDG-auto-tuners] Re: SWR Reading on Radio VS on LDG Tuner

I did some experimenting with my new AT1000 PRO II (also have a 100PRO II that is being replaced).

What I have noticed is that some times it does NOT actually find the best match. Some times its on the fringe and incorrectly selects the wrong Hi/LoZ. Under the circumstances that this happens I noticed that the SWRs are not matching the radio, by a significant amount...

I will do a comparison between the my AT PRO II 100 vs 1000 to give the rest of my findings in a different thread. With that said, there is surely something afoot. Can LDG chime in on this issue?

--- In LDG-auto-tuners@yahoogroups.com, Craig <cpu_nut@...> wrote:
>
> You might try the z-817 tuner as it is designed specifically for the FT-817 and will give a great match.
>
> Craig
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> On Aug 17, 2013, at 2:18 PM, "aswoodhull" <aswoodhull@...> wrote:
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> > I noticed with my Z-11 (original) that the internal SWR metering on the FT-817 was not showing minimum when the the Z-11 finished tuning. I can get significantly more power out of the 817 when I use the CAP and IND up/down switches on the Z-11 to minimize the SWR as seen by the 817. I assumed that this was a problem with the calibration of the LDG, and I got a helpful reply when I wrote to LDG tech support for guidance in how to adjust the Z-11 internally. It has been my intention to do this with a good dummy load, but I haven't done so yet, and I realized I should also try to find out if there is a way to calibrate the SWR sensing circuits in the transceiver.
> >
> > In the end, however, I expect I will go with whatever makes the QRP transceiver happiest, since it will actively reduce power output if it doesn't like the SWR it senses.
> >
> > I also have a Z-100Plus that I use with an Alinco DX-70 for QRO operation. The Z-100 doesn't have provision for adjusting its L and C manually, and the DX-70 doesn't indicate sensed SWR, so I'm not sure whether I have problems with this combo.

> >
> > All that said, I had not considered that r.f. could be getting into the tuner as suggested by WA6FWI. For both of my setups I use very short coax from transceiver to tuner and the 12 V supply lines are also Y-connected very close to both units.
> >
> > - Al N1AW
> >
> > --- In LDG-auto-tuners@yahoogroups.com, Furliips Stardust <grendelair@> wrote:
> >>
> >> This goes back to the problem of RF getting into the tuner. And it doesn't HAVE to get in via the DC power cable, or the antenna cables.
> >> ANY RF getting into the detector from anything other than the true reflected RF is going to adversely affect the readings. It also causes
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6514. Re: [LDG-auto-tuners] RE: SWR Reading on Radio VS on LDG Tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-10-09 15:11:25 UTC
From: Doug - k4gkj
Topic: 6419 Message: 6514

Again, this tuner has been tested with several different rigs and even more different antennas, at different locations.
It is the tuner that is the problem.

And the issue started suddenly. The tuner was doing a fine job....

Doug Bennight
K4GKJ
850-528-5772

Sent from my Verizon Wireless 4G LTE Smartphone

-------- Original message --------
From: N2CKH <n2ckh@morrisbb.net>
Date:
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] RE: SWR Reading on Radio VS on LDG Tuner

Hi Mike,

Based on my experience you likely have a stray RF issue that can squared away with common mode chokes on one or more cables to the ATU, D.C. power, coax lines etc., an un-terminated port (depending on the model in question) could possibly be an issue but its not likely.

Once upon a time when I was younger and foolish I brought open wire feed line into the station to the back of the Roller Inductor tuner balun and when I started using AATU that feed line was also used on a well grounded balun located inside the station as well, even though I learned how to mitigate the effects, I ceased bringing any thing but coax into the station, all balun's are mounted outdoors in my operations. But even then you have currents riding on the coax shield to deal with.

The other thing to address is all un-terminated transmission lines if you have many antenna and feed lines coming into the station, be sure to run them all to ground either via unused port grounding switch boxes or patch panel configuration.

Sincerely.

/s/ Steve, N2CKH

At 09:24 AM 10/9/2013, you wrote:

 Unfortunately a good match to the rig does not always happen with the LDG tuners.. I have seen enough threads started with never answers from LDG (even LDG has emailed me back saying that there is nothing that can be done - pretty much live with it) as to why the tuners meter shows an acceptable SWR but the rig sees something as high as 1 or 1.5 SWR points higher. I can almost always after an auto tune when this occurs, tune the tuner using the manual controls to a significantly lower SWR which satisfies both the tuner and rigs SWR meter. Some times I can tune the match LOWER from the rigs meter than what the

tuner sees! Its NOT the rigs meter as I have an external meter between the rig and the tuner and it confirms what the rig is seeing.

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6515. 600 pro II not tuning

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-10-20 04:44:34 UTC
From: laubachj@pacbell.net
Topic: 6515 Message: 6515

I have a 600 pro II connected to a ts 590s. I have double checked all wiring and it appears correct. My problem is with the power set to 10 watts output, my SWR is off the scale on 20 meters. My old mfj tuner worked fine and would tune this antenna . Is there a trouble shooting guide, I have tried tuning using CW and the phone. Any help would be appreciated

Thanks
John Laubach

6516. How do I recalibrate my Z-100Plus

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-10-20 10:25:12 UTC
From: Steen Rudberg
Topic: 6516 Message: 6516

Hi

I have been reading the "SWR Reading on Radio VS on LDG Tuner" Conversation.

I have a Z-100 for portable use (WWFF) and a Z-100Plus for home use.
The Z-100Plus always gives a worse SWR after tuning than the Z-100.
As I see it when I open the boxes they have the same LC configuration - so they should bee able to tune to the same SWR under the same conditions. (That is the same antenna, cables, grounding ect)

Dose any of you have a calibration describtion?

It would bee nice with a "how to calibrate"folder here in the Yahoo group.

Vy 73 de
5p0o, Steen

Good judgement comes from experience, experience comes from bad judgement.

6517. AL-100 Availability

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-10-25 20:10:01 UTC
From: <photo_8@...>
Topic: 6517 Message: 6517

Is the AL-100 available for sale yet (as of 10/25/13)?

6518. Problems with Z817/FT817 only tuning on 2nd button push

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-10-04 18:03:30 UTC
From: <pa1wbu@...>
Topic: 6518 Message: 6518

hi all,

For the last month or 2 I have been struggling with my newly bought Z817/FT817 combo. The Z817 is essentially brandnew, the FT817 was bought new in July 2013.

What is wrong:

- pressing the tuning button for the first time does not make the FT817 go to PKT mode as it should. Obviously the tuning attempt fails with SSB, there is no HF for the Z817 to detect. While keeping the frequency constant an 2nd button push on the Z817 makes the Z817 go to PKT, and tune succesfully. Tuning keeps working on subsequent tuning button presses AS LONG AS you keep the frequency constant. If you change freq the 1st button press fails, the 2nd one works and tunes.

- Some X-checking proved that the issue stays with my new FT817. An older FT817 works with this tuner. Another Z817 which works with the older FT does not work with my FT.

- CAT on the FT817 works just fine, HRD is happy etc.

- I have been in contact with LDG support, they say they have not seen this before. They sent me a new CAT cable, which does not make a difference.

- I have seen some random reports on the WWW from people who appear to have exactly the same problem.

- To me this looks like a change by Yaesu in the FT firmware that makes communication behave differently with the Z817. LDG have confirmed they only ever delivered 1 version of Z817 firmware, aptly named V1.0

Are there other folks on this list who have the same problem? Maybe we can establish a pattern between serial# or age of the FT and the problem? Or maybe someone has a brilliant idea?

Wilko - PA1WBU

6519. Re: [LDG-auto-tuners] Re: SWR Reading on Radio VS on LDG Tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-10-08 15:09:43 UTC
From: Doug - k4gkj
Topic: 6419 Message: 6519

Yes, I agree with you completely.
The LDG 7000 tuner was working great on a G5rv (I see you shrugging!) And two other dipoles, one 40m, and one 80. For years it worked fine. But all the sudden it would act as if it was tuning, but it never found a good match.
I also hooked it up to another hf rig (same model - 706mk2g) and ended up with the same results.
Later that day I hooked it up to a friend's 7000 rig and his tribander beam, and the tuner still showed faulty results.

Long story short, it was working great for a long time till one day it wouldn't work well at all....for any rig that has been designed for it or any antenna that it has performed well with in the past.

Doug Bennight
K4GKJ
850-528-5772

Sent from my Verizon Wireless 4G LTE Smartphone

-------- Original message --------
From: doug pfaff <doug.pfaff@sasktel.net>
Date:
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] Re: SWR Reading on Radio VS on LDG Tuner

What is your antenna swr profile for the band in question it likely is not a flat line relationship.

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Remember a tuner is making the antenna look like a perfect match to the transmitter in the radio.

Doug VE5DCP
----- Original Message -----
From: kd2cjj
To: LDG-auto-tuners@yahoogroups.com
Sent: Saturday, August 17, 2013 5:21 PM
Subject: [LDG-auto-tuners] Re: SWR Reading on Radio VS on LDG Tuner

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What I have noticed is that some times it does NOT actually find the best match. Some times its on the fringe and incorrectly selects the wrong Hi/LoZ. Under the circumstances that this happens I noticed that the SWRs are not matching the radio, by a significant amount...

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6520. AT-100ProII, loop antenna?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-09-30 21:45:20 UTC
From: MoonScryer K.
Topic: 6520 Message: 6520

Hello. Got a bit of a problem and hoping to get some help.
I live in a very restrictive apartment complex on the ground floor, studio apt. I have no balcony and no bushes to hide anything in so all my antenna wiring has to be indoors and hidden. I can't do a radial or counterpoise system as its too noticeable. Its a newer apartment complex so all the piping I can find is plastic. Yeah, so this is a worse case.

I am thinking of building a loop antenna around the ceiling perimeter. The room is 11x12ft. 9ft ceilings. There is a really odd deco moulding lip around the top the is low enough to hide a 6 or 8 guage wire in and I have a tall bookcase I can bring the wires down behind, so maybe 50-56ft counting the wire drop. Yes, I have been planning this.

I have an AT100ProII tuner w/ an FT857D. I don't think it can support a loop antenna without some sort of balun between the antenna ends and the coax. What should I get? If the AT100 can't do this, what tuner should I find? The 30watt max on digital is sort of an issue but need to solve this first.

Thanks.

6521. Issues with a LDG AT100proII and a AT-7000

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-10-04 22:12:19 UTC
From: j d
Topic: 6521 Message: 6521

Hi all. I am having issues with a couple tuners and hope I may get some help without having to send the units in (will do what I need to do though).
First tuner is a LDG AT100pro2.
I took a surge it appears, or ????
I found the 5 volt voltage regulator to be bad, so I replaced it.
The new one I put in has a current limiter, so it won't blow so quickly when we have problems down the line, and in my case, I do. The new voltage regulater puts out a full 5 volts of power with the prom pulled, but with the prom in place, I only get .2 of a volt at both the volatage regulator output and pin one of the prom. a few components get warm too, mostly between the regulator and prom, but these test fine (caps, etc.) I am pretty confident the prom is bad, but LDG directed me to this group before I go to buying parts from them.... possibly due to thier experience in having similar issues with differnt culprits...???..
Willing to hear ideas from all that have a nodding knowledge here!!

The second tuner is a AT-7000. I have enjoyed this unit as a back up and for use during emergencies, field day, loaner, etc. This past field day it proved to be rather faulty though. it powers up and makes the noise it normally makes, but when all is done, it is not tuned properly....no mater what the band I have tested so far (20, 40, 60, and 80m). always used it with a 706mk2g, and tested it against another mk2g as well as a 7000 to make sure the radios and antennas werent to blame, and it is most certainly the tuner.... Ideas?

all ideas are welcome! I have a half way decent knowledge of electronics, but my eye sight and holding an iron steady is getting difficult...some days I am just fine... just age setting in...
and I have a decent amount of test equipment for my workbench... just need a little guidance on where to look (repairing a tv set or a juke box is easy, but specialty items that i don't crack open too often can throw me for a loop to be honest)

I thank everyone in advance for helping!

JD
K4GKJ

6522. RE: RT-100 available in October of 2013

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-10-11 11:09:46 UTC
From: <razvanfatu@...>
Topic: 6505 Message: 6522

What would really make sense is to ditch the 300ohm ladderline and mount the RT-100 exactly at the antenna feedpoint trough a 1:1 balun.

Use this to determine how much power are you losing because of standing waves on the feedline:

http://www.arrg.us/pages/Loss-Calc.htm http://www.arrg.us/pages/Loss-Calc.htm

---In ldg-auto-tuners@yahoogroups.com, <ve5kc@...> wrote:

LDG announced on their website that the RT-100 external tuner will be available in October of 2013. The LDG RT-100 is also showing on dealer websites for order or pre-ordering.

My current setup is working well for me with aprox 30 feet of coax between my internal tuner and the balun connected to the 300 ohm feed line connected to my antenna. I know that the mismatch is at the antenna and not at at the radio end of the coax but how much improvement can be expected by using this external tuner. How can we determine when changing from a tuner in the shack to the RT-100 external tuner will really make a noticeable improvement.

Any thoughts on this?

Any way, I will waiting to hear user reports on this new tuner, especially how well it handles cold winter temperatures

73 - Ken - VE5KC
- MM Hamsoft - http://hamsoft.ca
- VE5KC - http://ham-radio.ca
- Amateur Radio Link - http://amateur-radio.ca http://amateur-radio.ca
----

6523. LDG AT1000 and 6m

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-10-19 13:29:53 UTC
From: <lionsdread@...>
Topic: 6523 Message: 6523

I have one of the very first AT1000 tuners from LDG bought new and never had a problem for 6 years until I used it for 6m recently. In a nutshell, the thing smoked and upon opening it, I found a burned relay. Phone calls and emails to LDG have gone unanswered. Amazon shows a relay with the same number, but, it has a clear plastic see-through housing unlike the black housing in the LDG one. Would this work? Or better yet, where the hell can I find an original replacement?

-- NP2KW

6524. Z-11 Pro II - not finding best match?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-10-08 01:54:01 UTC
From: <n2htt.mike@...>
Topic: 6524 Message: 6524

Hello everyone, I am new to the group and wanted to throw a question out to see if anyone else has experienced this. I have a Z-11 Pro II which I have used for several years now with my home station. I run it from batteries, and since I mostly operate QRP I am typically tuning up with about 1 - 3 watts.
I have noticed recently that when I do a full manual tuning cycle, it stops at around 2.5 - 3.0:1, and I can always add a little inductance manually to bring the solution down below 2:1. It always takes a little additional inductance to get a good match.
My antenna is an 88 foot doublet fed with window line, with a 4:1 balun and a short run of coax attaching the tuner to the antenna.
Has anyone ever seen this before, or would anyone have any suggestions on how to improve the match?
Thanks and 73
Mike N2HTT

6525. RE: Re: YT-450 problem on FT-950

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-10-21 15:02:20 UTC
From: <tpomes@...>
Topic: 6509 Message: 6525

I had the same problem, it seem to start when I an issue getting tuned. Nothing I did to the FT950 helped, I just got use to changing the AM carrier to lower power before I would Tune. Then one day I had an issue tuning and it was cleared up and everything worked correctly again. I'm pretty sure it was in the FY450, not the 950. Sorry I can't say what fixed it, I'm just hoping it doesn't come back.
73's
K7TLP Tom

---In LDG-auto-tuners@yahoogroups.com, <ldg-auto-tuners@yahoogroups.com> wrote:

Brian
I have the same problem and I have seen posts here from others that also have this problem. Not long ago it suddenly stopped doing this but it is back again.
Any comments from Wayne at LDG? I know he monitors this group.
Roley G3VIR

--- In LDG-auto-tuners@yahoogroups.com mailto:LDG-auto-tuners@yahoogroups.com, <b.denley@...> wrote:
>
> This has happened before and is back again: every time I do a tune, the YT-450 changes my TX power from 100 to 50 and my AM carrier from 50 to 100. It's a pain to have to manually reset those menus (111, 112) every time I need to tune my antenna system. I made it stop once by doing a hard reset on the transceiver but now even that won't stop the problem. Anyone else ever experience this?
>
>
> Brian KB1VBF
>

6526. HELP

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-10-10 07:40:22 UTC
From: <mikebales73@...>
Topic: 6526 Message: 6526

I have a Z-11Proll between my ft-857d and my s943 vertical...worked great until a recent spike of some un identified source(likely me)....

Is there ANY schematic for this unit so I can pin it down, I don't know what an "average" repair bill is via LDG, but any more than 50.00 will be reason to go back to a beefier MFJ remote tuner and salvage serviceable components from the ldg.

Any help would be much appreciated!!

73, Mike - K8MCB

6527. Re: [LDG-auto-tuners] Z-11 Pro II - not finding best match?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-10-30 20:09:38 UTC
From: Furliips Stardust
Topic: 6524 Message: 6527

Use a 9:1 balun to match the 450 ohm window line. It will be much happier.

Jeff-1.0
wa6fwi

On Wednesday, October 30, 2013 11:15 AM, "n2htt.mike@gmail.com" <n2htt.mike@...> wrote:

Hello everyone, I am new to the group and wanted to throw a question out to see if anyone else has experienced this. I have a Z-11 Pro II which I have used for several years now with my home station. I run it from batteries, and since I mostly operate QRP I am typically tuning up with about 1 - 3 watts.
I have noticed recently that when I do a full manual tuning cycle, it stops at around 2.5 - 3.0:1, and I can always add a little inductance manually to bring the solution down below 2:1. It always takes a little additional inductance to get a good match.
My antenna is an 88 foot doublet fed with window line, with a 4:1 balun and a short run of coax attaching the tuner to the antenna.
Has anyone ever seen this before, or would anyone have any suggestions on how to improve the match?
Thanks and 73
Mike N2HTT

6528. Re: [LDG-auto-tuners] Z-11 Pro II - not finding best match?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-10-30 22:54:25 UTC
From: Bill Aycock
Topic: 6524 Message: 6528

Correct me if I am wrong, but this is only true if the signal at the end of the ladder line happens to match 450 Ohms. To get this to be true would be a remarkable coincidence. For one thing, to match the 450 Ohms, most antennas will need some transformation at the connection of the feed line to the antenna. (The other end of the feed line)
The attraction of ladder line is not easy matching, it is low loss when NOT matched, which is in most cases. There is a figure showing this loss for many types of transmission line in the ARRL Handbook.
To match Ladder line to 50 Ohm coax, one must determine0 (some way) the characteristics of the signal at the juncture, not what the label says.
Bill—W4BSG

From: Furliips Stardust
Sent: Wednesday, October 30, 2013 3:09 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] Z-11 Pro II - not finding best match?

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Thanks and 73
Mike N2HTT

6529. Re: [LDG-auto-tuners] Z-11 Pro II - not finding best match?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-10-30 23:22:47 UTC
From: Mike Morrow, W3QT
Topic: 6524 Message: 6529

Mike,

Here's my suggestion. Remove the 4:1 balun and replace it with a 1:1 choke balun (plenty of articles on the net on how to build an "ugly" balun). Instead of trying to match with the balun (because one size may not fit all) let the tuner do the work for you. With the antenna you have you will be looking at a wide range of impedances depending on frequency, so the 4:1 may be more of a hindrance than a help. In other words, as W4BSG suggests but in slightly different language, you just can't take 450 divided by 50 and get a 9:1 balun as your ticket to a match because your impedance may not be 450 ohms. Also, make sure you keep the coax from the balun to tuner as short as you can. Those losses can be a problem depending on coax length, type, etc. and, with running 1-3 watts, you certainly don't need that. Just a suggestion, but I suspect worth a try.

73,
Mike, W3QT

On 2013-10-30 18:54, Bill Aycock wrote:
>
> Correct me if I am wrong, but this is only true if the signal at the
> end of the ladder line happens to match 450 Ohms. To get this to be
> true would be a remarkable coincidence. For one thing, to match the
> 450 Ohms, most antennas will need some transformation at the
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> Bill—W4BSG
> *From:* Furliips Stardust <mailto:grendelair@...>
> *Sent:* Wednesday, October 30, 2013 3:09 PM
> *To:* LDG-auto-tuners@yahoogroups.com
> <mailto:LDG-auto-tuners@yahoogroups.com>
> *Subject:* Re: [LDG-auto-tuners] Z-11 Pro II - not finding best match?
>
>
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> Thanks and 73
> Mike N2HTT
>
>
>

6530. Re: [LDG-auto-tuners] AT-100ProII, loop antenna?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-10-31 03:54:03 UTC
From: Kirk Kleinschmidt
Topic: 6520 Message: 6530

MoonScryer,

I have successfully used loops of this type in the past with manual and autotuners.

Coupla thoughts:

1. The 30-W limit isn't really an issue, as FCC/common sense RF exposure guidelines would likely be exceeded at or beyond 30 W for an indoor antenna regardless of mode. Any more than that and you're gonna couple RF into your ac wiring...with potentially bad results for delicate ac-powered devices... You'll also likely trip GFCI outlets and breakers...

2. I strongly suggest placing the tuner at the antenna feed point and placing the 1:1 coaxial balun on the input of the tuner. This will eliminate SWR losses in any coax that might run between the tuner and the antenna. With small antennas these losses can be extreme.

3. If you can't do that, use beefy 300-ohm twinlead (okay) or 450-ohm ladder line (better) or true open-wire line for the run between the tuner and the feed point (best). This will essentially eliminate any feed line SWR losses. Using coax between the tuner and the feed point with these physically small antennas can be cripping. 20+ dB losses are common.

I just proved that point in my own shack. I have a 40-meter horizontal loop that runs around the perimeter of my attic. My autocouplers (a Z11 Pro II and an SGC SG-231) live just inside the attic access hatch, which is mostly centrally located. This setup has been a star performer for years at 5-10 W, even producing DXCC (and soon 5BWAS) WAC on 80 meters and several DXCC entities on 160.

Because the SGC is slightly "goofy," and needing service, I switched to the Z11 two years ago. A 70-foot run of RG-6 connects my shack to the attic tuner, and a 25-foot (approx) run of open-wire line connects the Z11 to the feed point (no balun). Well, the balun (coax loops) is actually on the coax, right at the tuner input.

As mentioned, this works really well, and there are days I hardly notice that I'm using a compromise antenna. The Z11 doesn't like MN winter temps, however, so when it's 10 above (or colder), the tuner just won't tune. As a short-term remedy, I moved the tuner to a second-floor bedroom and ran 20-25 feet of coax from the tuner to the open-wire line (coaxial balun at the transition).

It TUNES sweet, but it's practically a dummy load compared to the previous setup. Before last weekend's CQWW SSB contest I put the tuner back in the attic, and POW! The good old days are here again! But winter is also coming...so I'll have to rig a styrofoam box with a low-wattage heat tape (or something) to keep the Z11 warm...or I'll have to fix the SG-231, which isn't affected by cold temps.

At any rate, I HIGHLY RECOMMEND placing the tuner at the feed point or using ladder line between the tuner and the feed point.

Good luck,

--Kirk, NT0Z

My book, "Stealth Amateur Radio," is now available from
www.stealthamateur.com and on the Amazon Kindle (soon)

On Wednesday, October 30, 2013 2:36 PM, MoonScryer K. <moonscryer1@...> wrote:

>Hello. Got a bit of a problem and hoping to get some help.
>I live in a very restrictive apartment complex on the ground floor, studio apt. I have no balcony and no bushes to hide anything in so all my antenna wiring has to be indoors and hidden. I can't do a radial or counterpoise system as its too noticeable. Its a newer apartment complex so all the piping I can find is plastic. Yeah, so this is a worse case.
>
>
>I am thinking of building a loop antenna around the ceiling perimeter. The room is 11x12ft. 9ft ceilings. There is a really odd deco moulding lip around the top the is low enough to hide a 6 or 8 guage wire in and I have a tall bookcase I can bring the wires down behind, so maybe 50-56ft counting the wire drop. Yes, I have been planning this.
>
>
>I have an AT100ProII tuner w/ an FT857D. I don't think it can support a loop antenna without some sort of balun between the antenna ends and the coax. What should I get? If the AT100 can't do this, what tuner should I find? The 30watt max on digital is sort of an issue but need to solve this first.
>
>
>Thanks.
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>
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6531. KT-100 mobile photo album

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-10-31 06:46:17 UTC
From: Avery
Topic: 6531 Message: 6531

I have created a photo album and uploaded photos of my new mobile installation of a TS-480 with a KT-100 tuner and an SG-303 antenna. I am not finished with this installation and would appreciate advice for improvements. This vehicle does produce a lot of noise so I know I am not finished with noise reduction work. I have added a few ground bonds, which did help, so I am planning on adding more ground bonding as I get time. The electric fuel pump was very noisy (This Ford model is notorious for that), but I have added filtering in the power lead which has helped a lot. So far, this seems to work well on 40 meters (lowest noise) and 20 meters (significant noise, but also strong signals when open). On 80 meters, the KT-100 won't tune the SG-303 below about 10:1, but tunes higher bands fine. What can I do to help the KT-100 tune the SG-303 on 80 meters? I tried a much shorter coax, and that didn't help.

73,
Avery, WB4RTP

6532. RE: RE: RT-100 available in October of 2013

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-10-31 07:14:34 UTC
From: <ve5kc@...>
Topic: 6505 Message: 6532

I actually think that a closer look at this antenna would show that the 300 ohm ladder line is a necessary part. M space is very limited, nothing I can control and more over this antenna works very good.

If I was to try a RT-100 it would be placed between the coax and the 300 ohm ladder line, eliminating the balun. The big question, what would really be be gained by this.

73.. Ken - VE5KC

---In LDG-auto-tuners@yahoogroups.com, <ldg-auto-tuners@yahoogroups.com> wrote:

What would really make sense is to ditch the 300ohm ladderline and mount the RT-100 exactly at the antenna feedpoint trough a 1:1 balun.

Use this to determine how much power are you losing because of standing waves on the feedline:

http://www.arrg.us/pages/Loss-Calc.htm http://www.arrg.us/pages/Loss-Calc.htm

---In ldg-auto-tuners@yahoogroups.com, <ve5kc@...> wrote:

LDG announced on their website that the RT-100 external tuner will be available in October of 2013. The LDG RT-100 is also showing on dealer websites for order or pre-ordering.

My current setup is working well for me with aprox 30 feet of coax between my internal tuner and the balun connected to the 300 ohm feed line connected to my antenna. I know that the mismatch is at the antenna and not at at the radio end of the coax but how much improvement can be expected by using this external tuner. How can we determine when changing from a tuner in the shack to the RT-100 external tuner will really make a noticeable improvement.

Any thoughts on this?

Any way, I will waiting to hear user reports on this new tuner, especially how well it handles cold winter temperatures

73 - Ken - VE5KC
- MM Hamsoft - http://hamsoft.ca
- VE5KC - http://ham-radio.ca
- Amateur Radio Link - http://amateur-radio.ca http://amateur-radio.ca
----

6533. Re: [LDG-auto-tuners] AT-100ProII, loop antenna?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-10-31 11:42:56 UTC
From: Michael Walker
Topic: 6520 Message: 6533

I wouldn't worry about keeping your tuner warm. The box should be enough.

On my remote base, my TS480, Steppir IR controller and rotator controller routinely see -25C and they have never had an issue. I don't use any heaters at all.

Mike va3mw

On Wed, Oct 30, 2013 at 11:54 PM, Kirk Kleinschmidt <kirk@...>wrote:

> **
>
>
> MoonScryer,
>
> I have successfully used loops of this type in the past with manual and
> autotuners.
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> Coupla thoughts:
>
> 1. The 30-W limit isn't really an issue, as FCC/common sense RF exposure
> guidelines would likely be exceeded at or beyond 30 W for an indoor antenna
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> ac wiring...with potentially bad results for delicate ac-powered
> devices... You'll also likely trip GFCI outlets and breakers...
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> 2. I strongly suggest placing the tuner at the antenna feed point and
> placing the 1:1 coaxial balun on the input of the tuner. This will
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> antenna. With small antennas these losses can be extreme.
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> 3. If you can't do that, use beefy 300-ohm twinlead (okay) or 450-ohm
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> (or something) to keep the Z11 warm...or I'll have to fix the SG-231, which
> isn't affected by cold temps.
>
> At any rate, I HIGHLY RECOMMEND placing the tuner at the feed point or
> using ladder line between the tuner and the feed point.
>
> Good luck,
>
> --Kirk, NT0Z
>
> My book, "Stealth Amateur Radio," is now available from
> www.stealthamateur.com and on the Amazon Kindle (soon)
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> On Wednesday, October 30, 2013 2:36 PM, MoonScryer K. <
> moonscryer1@...> wrote:
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> Hello. Got a bit of a problem and hoping to get some help.
> I live in a very restrictive apartment complex on the ground floor, studio
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> find? The 30watt max on digital is sort of an issue but need to solve this

> first.
>
> Thanks.
>
>
>
>
>

6534. RE: RT-100 available in October of 2013

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-10-31 13:42:55 UTC
From: <mikelebron@...>
Topic: 6505 Message: 6534

There are very few antenna that REQUIRE ladderline to become resonant. And if your using an external coupler than I assume your antenna is not resonant. So, if that is the case I would ditch the ladder line and transformer and directly connect the coupler to the antenna with as short leads as you can running high quality coax from the OP to the coupler.

The only reason some antennas require ladderline is for impedance transformation. The 450 or 300 Ohm ladder line changes the impedance to bring it closer to 50 Ohms.

If your antenna is a simple doublet or other derivative of a dipole that is already close to 50 Ohms on 1 or more bands than ladderline is NOT needed except where your concern is losses due to high SWR over the coax. There are many good reason to have a very long run of ladderline to coax... when there are high SWRs present over the feedline.

Furthermore, ladderline ALWAYS radiates - that could be a bad thing OR a good thing... it all depends. No matter what the pattern is always skewed using ladderline. When using a resonant antenna there is little effect, when using an anetnna system that relies on ladderline the pattern is distinct to that antennas nature like a G5RV. If your looking for a pure dipole pattern / characteristic then the couple at the feed point of the antenna will yield this.

Lastly the balun that transforms the impedance from the ladderline to the coax is lossy, that is added loss to your antenna system. Of course the amount of loss depends on the quality of the balun.

Your total losses will depend on how high your SWRs are now. If your highest SWR is lower than 3:1 and your coax is of high quality like RG213, LMR400, etc. with 30 feet there is not enough loss to make a difference. If your running RG8x, RG58, low quality RG8 then your losses could be higher than you would like. If your SWR is >3:1 or a 5 10 20 :1 (without the OP tuner) then you will see a significant improvement.

Ideally you want to remove as many connectors, transformers, etc. from the antenna system to be most efficient. The best antenna system is one that provide a conjugate match. You need a losses feedline system and a 50Ohm antenna to achieve this. The coupler gets you closest to this if you do not take into account the losses the coupler introduces and the losses the coax introduces due to distance and nature of any feed-line system..

Lastly, if you want to save expense, run the ladderline directly into or near the shack and hook it up to like a 10 foot piece of high quality coax if your tuner cant directly take ladderline... you will accomplish the same thing as buying the coupler and save a fair amount of $$.

---In ldg-auto-tuners@yahoogroups.com, <ve5kc@...> wrote:

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---

6535. Re: [LDG-auto-tuners] Z-11 Pro II - not finding best match?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-10-31 13:51:59 UTC
From: Furliips Stardust
Topic: 6524 Message: 6535

What makes non-resonant antennas work and tuning simple is a continuous piece of transmission line of a given impedance between the antenna and the tuner without any introduced mismatches.

Introducing a "bump" such as using a 4:1 balun between 50 ohm and 450 ohm transmission line is adding to the problem.

Additionally using a 9:1 balun changes the "solution range" of the tuner, and provides an easier match.

Jeff-1.0
wa6fwi

On Wednesday, October 30, 2013 5:54 PM, Bill Aycock <billaycock@...> wrote:

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Bill—W4BSG

From: Furliips Stardust
Sent: Wednesday, October 30, 2013 3:09 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] Z-11 Pro II - not finding best match?

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Has anyone ever seen this before, or would anyone have any suggestions on how to improve the match?
Thanks and 73
Mike N2HTT

6536. Re: [LDG-auto-tuners] Z-11 Pro II - not finding best match?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-10-31 14:20:15 UTC
From: Charles Scott
Topic: 6524 Message: 6536

Jeff:

The purpose of a balun for impedance translation is to NOT cause a "bump" at the junction of two dissimilar lines.

You are of course correct that using a balun for impedance transformation might help a tuner achieve a match to a load that is out of its normal range. That would be true for any ratio other than 1:1 as long as it transforms the load impedance into the range of the tuner.

Chuck - N8DNX

On 10/31/2013 9:51 AM, Furliips Stardust wrote:
> ...
> Introducing a "bump" such as using a 4:1 balun between 50 ohm and 450
> ohm transmission line is adding to the problem.
>
> Additionally using a 9:1 balun changes the "solution range" of the
> tuner, and provides an easier match.
> ...
> Jeff-1.0
> wa6fwi

6537. Re: [LDG-auto-tuners] Z-11 Pro II - not finding best match?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-10-31 15:03:17 UTC
From: Mike Morrow, W3QT
Topic: 6524 Message: 6537

Chuck,

Let me second your statement: "as long as it transforms the load impedance into the range of the tuner." That, in my opinion is a prime reason NOT to use the 9:1. The feedpoint impedance of a doublet fed with ladderline can vary widely from well under 50 ohms to several thousand. You would have a better chance of hitting the Powerball than hitting a 50 ohm impedance with a 9:1 balun, but the downside may be considerable - even if it does tickle the tuner. Suppose the SWR is 10:1 at a certain operating frequency (many times actually much higher). The feedpoint impedance would be 450/10 = 45 ohms. A 9:1 balun would take that down to 5 ohms. Tuners work better at high impedances (lower loss in the transformation). When faced with 5 ohms, tuner losses would be high. I think one has to question whether getting a match by using the 9:1 balun would be worth the high loss. You can guess my opinion. I'd go with a 1:1 balun (current), play with the feedline length and try to move into the tuner's range. If, as Mike initially stated, he runs QRP, 1-3 watts, significant tuner losses, not to mention other losses in the system, depending on the frequency, would quickly take him from 1-3 to less than half that.

Mike, W3QT

On 2013-10-31 10:20, Charles Scott wrote:
>
> Jeff:
>
> The purpose of a balun for impedance translation is to NOT cause a
> "bump" at the junction of two dissimilar lines.
>
> You are of course correct that using a balun for impedance
> transformation might help a tuner achieve a match to a load that is
> out of its normal range. That would be true for any ratio other than
> 1:1 as long as it transforms the load impedance into the range of the
> tuner.
>
> Chuck - N8DNX
>
>
> On 10/31/2013 9:51 AM, Furliips Stardust wrote:
>> ...
>> Introducing a "bump" such as using a 4:1 balun between 50 ohm and 450
>> ohm transmission line is adding to the problem.
>>
>> Additionally using a 9:1 balun changes the "solution range" of the
>> tuner, and provides an easier match.

>> ...
>> Jeff-1.0
>> wa6fwi
>
>

6538. Re: [LDG-auto-tuners] Z-11 Pro II - not finding best match?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-10-31 15:18:34 UTC
From: Bill Aycock
Topic: 6524 Message: 6538

Jeff-
So, a 4:1 “Bump” is bad, but a 9:1 “Bump” is good? How does 1:1 do?
Bill—W4BSG

From: Furliips Stardust
Sent: Thursday, October 31, 2013 8:51 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] Z-11 Pro II - not finding best match?

What makes non-resonant antennas work and tuning simple is a continuous piece of transmission line of a given impedance between the antenna and the tuner without any introduced mismatches.

Introducing a "bump" such as using a 4:1 balun between 50 ohm and 450 ohm transmission line is adding to the problem.

Additionally using a 9:1 balun changes the "solution range" of the tuner, and provides an easier match.

Jeff-1.0
wa6fwi

On Wednesday, October 30, 2013 5:54 PM, Bill Aycock <billaycock@centurytel.net> wrote:

Correct me if I am wrong, but this is only true if the signal at the end of the ladder line happens to match 450 Ohms. To get this to be true would be a remarkable coincidence. For one thing, to match the 450 Ohms, most antennas will need some transformation at the connection of the feed line to the antenna. (The other end of the feed line)
The attraction of ladder line is not easy matching, it is low loss when NOT matched, which is in most cases. There is a figure showing this loss for many types of transmission line in the ARRL Handbook.
To match Ladder line to 50 Ohm coax, one must determine0 (some way) the characteristics of the signal at the juncture, not what the label says.
Bill—W4BSG

From: Furliips Stardust
Sent: Wednesday, October 30, 2013 3:09 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] Z-11 Pro II - not finding best match?

Use a 9:1 balun to match the 450 ohm window line. It will be much happier.

Jeff-1.0
wa6fwi

On Wednesday, October 30, 2013 11:15 AM, "n2htt.mike@..." <n2htt.mike@...> wrote:

Hello everyone, I am new to the group and wanted to throw a question out to see if anyone else has experienced this. I have a Z-11 Pro II which I have used for several years now with my home station. I run it from batteries, and since I mostly operate QRP I am typically tuning up with about 1 - 3 watts.
I have noticed recently that when I do a full manual tuning cycle, it stops at around 2.5 - 3.0:1, and I can always add a little inductance manually to bring the solution down below 2:1. It always takes a little additional inductance to get a good match.
My antenna is an 88 foot doublet fed with window line, with a 4:1 balun and a short run of coax attaching the tuner to the antenna.
Has anyone ever seen this before, or would anyone have any suggestions on how to improve the match?
Thanks and 73
Mike N2HTT

6539. RE: Z-11 Pro II - not finding best match?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-10-31 16:48:20 UTC
From: <wa9jst@...>
Topic: 6524 Message: 6539

I have exactly the antenna combination that you have (88 foot doublet, 4:1 balun), and my Z-11 Pro ll
tunes just fine from 80 - 6 meters. I wonder how long your twinlead is? Mine is 32 feet down to the balun which is outside with about 12 feet of high quality LM coax into the shack. Length of the twinlead is another "handle" for matching non-resonate antennas. I have had success with 32 feet for both 88 and 102 foot antennas. My Elecraft BL-1 balun is switchable for either 4:1 or 1:1 ratio and I have been using 4:1. Both ratios work. I need to experimentally determine which ratio is optimal for my combination. I agree that 9:1 is probably not desirable. For freqs where impedance at the balun is already low, a 9:1 ratio may make it untunable. This is the best wire antenna I have ever used and I highly recommend it. Fits on most residential lots too!

Ralph

K5RWP
Plano, Texas
W5T SOTA Shack Sloth

---In ldg-auto-tuners@yahoogroups.com, <n2htt.mike@...> wrote:

Hello everyone, I am new to the group and wanted to throw a question out to see if anyone else has experienced this. I have a Z-11 Pro II which I have used for several years now with my home station. I run it from batteries, and since I mostly operate QRP I am typically tuning up with about 1 - 3 watts. I have noticed recently that when I do a full manual tuning cycle, it stops at around 2.5 - 3.0:1, and I can always add a little inductance manually to bring the solution down below 2:1. It always takes a little additional inductance to get a good match.
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Has anyone ever seen this before, or would anyone have any suggestions on how to improve the match?
Thanks and 73
Mike N2HTT

6540. Re: [LDG-auto-tuners] AT-100ProII, loop antenna?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-11-01 09:34:10 UTC
From: Kirk Kleinschmidt
Topic: 6520 Message: 6540

I hope a box will be sufficient, but I still have a few doubts :) In my attic, which isn't exposed to anything more than a slight breeze / minimal air movement, the Z11 Pro II "stops" working at about 10 F. The stand-by current is very minimal (as my cheap batteries demonstrate), but it might be enough to keep things working if the tuner is sealed in a styrofoam box. Attic temps here range from -25F to +120F. (My older SGC tuner has never been temperature sensitive, but it's brain-damaged right now, so it needs attention. Plus, it seems to need a bit more RF to initiate a "tune," which has been frustrating at times when using 1-3 W radios.)

In case a box isn't sufficient, I'm open to suggestion about a teeny-weeny heat source that won't burn down my house like a rogue, unattended light bulb might, etc, as the tuner is in the attic and is only visible if I open the ceiling hatch from the top of a ladder :)

Something like a 2-watt Peltier module, etc?

As always, thanks for your input!

--Kirk, NT0Z

My book, "Stealth Amateur Radio," is now available from
www.stealthamateur.com and on the Amazon Kindle (soon)

On Friday, November 1, 2013 3:28 AM, Michael Walker <va3mw@...> wrote:

>I wouldn't worry about keeping your tuner warm. The box should be enough.
>
>
>On my remote base, my TS480, Steppir IR controller and rotator controller routinely see
-25C and they have never had an issue. I don't use any heaters at all.
>
>
>Mike va3mw
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>On Wed, Oct 30, 2013 at 11:54 PM, Kirk Kleinschmidt <kirk@...> wrote:
>
>
>>
>>MoonScryer,
>>

>>I have successfully used loops of this type in the past with manual and autotuners.
>>
>>Coupla thoughts:
>>
>>1. The 30-W limit isn't really an issue, as FCC/common sense RF exposure guidelines would likely be exceeded at or beyond 30 W for an indoor antenna regardless of mode. Any more than that and you're gonna couple RF into your ac wiring...with potentially bad results for delicate ac-powered devices... You'll also likely trip GFCI outlets and breakers...
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>>2. I strongly suggest placing the tuner at the antenna feed point and placing the 1:1 coaxial balun on the input of the tuner. This will eliminate SWR losses in any coax that might run between the tuner and the antenna. With small antennas these losses can be extreme.
>>
>>3. If you can't do that, use
beefy 300-ohm twinlead (okay) or 450-ohm ladder line (better) or true open-wire line for the run between the tuner and the feed point (best). This will essentially eliminate any feed line SWR losses. Using coax between the tuner and the feed point with these physically small antennas can be cripping. 20+ dB losses are common.
>>
>>I just proved that point in my own shack. I have a 40-meter horizontal loop that runs around the perimeter of my attic. My autocouplers (a Z11 Pro II and an SGC SG-231) live just inside the attic access hatch, which is mostly centrally located. This setup has been a star performer for years at 5-10 W, even producing DXCC (and soon 5BWAS) WAC on 80 meters and several DXCC entities on 160.
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>>Because the SGC is slightly "goofy," and needing service, I switched to the Z11 two years ago. A 70-foot run of RG-6 connects my shack to the attic tuner, and a 25-foot (approx) run of open-wire line connects the Z11 to the feed
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>>As mentioned, this works really well, and there are days I hardly notice that I'm using a compromise antenna. The Z11 doesn't like MN winter temps, however, so when it's 10 above (or colder), the tuner just won't tune. As a short-term remedy, I moved the tuner to a second-floor bedroom and ran 20-25 feet of coax from the tuner to the open-wire line (coaxial balun at the transition).
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>>It TUNES sweet, but it's practically a dummy load compared to the previous setup. Before last weekend's CQWW SSB contest I put the tuner back in the attic, and POW! The good old days are here again! But winter is also coming...so I'll have to rig a styrofoam box with a low-wattage heat tape (or something) to keep the Z11 warm...or I'll have to fix the SG-231, which isn't affected by cold temps.
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>>At any rate, I HIGHLY RECOMMEND placing the tuner at the
feed point or using ladder line between the tuner and the feed point.
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>>Good luck,
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>>>Hello. Got a bit of a problem and hoping to get some help.
>>>I live in a very restrictive apartment complex on the ground floor, studio apt. I have no balcony and no bushes to hide anything in so all my antenna wiring has to be indoors and hidden. I can't do a radial or counterpoise system as its too noticeable. Its a newer apartment complex so all the piping I can find is plastic. Yeah, so this is a worse case.
>>>
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>>>I am thinking of building a loop antenna around the ceiling perimeter. The room is 11x12ft. 9ft ceilings. There is a really odd deco moulding lip around the top the is low enough to hide a 6 or 8 guage wire in and I have a tall bookcase I can bring the wires down behind, so maybe 50-56ft counting the wire drop. Yes, I have been planning this.
>>>
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>>>I have an AT100ProII tuner w/ an FT857D. I don't think it can support a loop antenna without some sort of balun between the antenna ends and the coax. What should I get? If the AT100 can't do this, what tuner should I find? The 30watt max on digital is sort of an issue but need to solve this first.
>>>
>>>
>>>Thanks.
>>>
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>

6541. Re: [LDG-auto-tuners] AT-100ProII, loop antenna?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-11-01 12:35:29 UTC
From: Leonard K. Pennock
Topic: 6520 Message: 6541

Try a 5-10W 12V incandescent bulb for a heat source. As long as you are in a insulated box it should be adequate. You could use something like a MFJ4116 on each end to send the DC up the cable to provide the power for the bulb and the tuner so you wouldn't need to run a separate power line..

On 11/01/2013 02:34 AM, Kirk Kleinschmidt wrote:
>
>
> I hope a box will be sufficient, but I still have a few doubts :) In my
> attic, which isn't exposed to anything more than a slight breeze /
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> stand-by current is very minimal (as my cheap batteries demonstrate),
> but it might be enough to keep things working if the tuner is sealed in
> a styrofoam box. Attic temps here range from -25F to +120F. (My older
> SGC tuner has never been temperature sensitive, but it's brain-damaged
> right now, so it needs attention. Plus, it seems to need a bit more RF
> to initiate a "tune," which has been frustrating at times when using 1-3
> W radios.)
>
> In case a box isn't sufficient, I'm open to suggestion about a
> teeny-weeny heat source that won't burn down my house like a rogue,
> unattended light bulb might, etc, as the tuner is in the attic and is
> only visible if I open the ceiling hatch from the top of a ladder :)
>
> Something like a 2-watt Peltier module, etc?
>
> As always, thanks for your input!
>
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> losses can be extreme.
>
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> 450-ohm ladder line (better) or true open-wire line for the run
> between the tuner and the feed point (best). This will
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> doesn't like MN winter temps, however, so when it's 10 above (or
> colder), the tuner just won't tune. As a short-term remedy, I
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> I live in a very restrictive apartment complex on the ground
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> Thanks.
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Leonard K. Pennock
AD7AS

Those who walk bravely through life, unafraid of loss or failure,
find that they very rarely lose or fail.

6542. Re: [LDG-auto-tuners] AT-100ProII, loop antenna?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-11-01 12:36:37 UTC
From: scott
Topic: 6520 Message: 6542

Kirk - maybe just a closet shelf adjacent the attic with a very short run of whatever open wire feed into the attic?

I had a similar issue with my 200 pro thinking I might need it just outside the house but ended up with it inside in a closet and a careful short run of window line through the wall and could see no difference that way, and been really happy with that for almost five flawless years, and getting ready for same deal with a kW model here at the new QTH.

Good luck.

Scott ka9p

Sent from my iPad

> On Nov 1, 2013, at 4:34 AM, Kirk Kleinschmidt <kirk@...> wrote:
>
>
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6543. Re: [LDG-auto-tuners] Z-11 Pro II - not finding best match?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-11-01 13:22:22 UTC
From: Furliips Stardust
Topic: 6524 Message: 6543

Sigh.... 450 / 9 = 50
A 9:1 balun makes the 50 ohm coax look like a contiguous section of feed line when used with 450 ohm ladder line.

450 / 4 = 112.5
This places a discontinuity in the feed line. I.e. a "bump"

Jeff-1.0
wa6fwi

On Thursday, October 31, 2013 10:18 AM, Bill Aycock <billaycock@...> wrote:

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What makes non-resonant antennas work and tuning simple is a continuous piece of transmission line of a given impedance between the antenna and the tuner without any introduced mismatches.

Introducing
a "bump" such as using a 4:1 balun between 50 ohm and 450 ohm transmission line is adding to the problem.

Additionally
using a 9:1 balun changes the "solution range" of the tuner, and provides an easier match.

Jeff-1.0
wa6fwi

On Wednesday, October 30, 2013 5:54 PM,
Bill Aycock <billaycock@...> wrote:

Correct me if I am wrong, but this is only true if the signal at the end of the ladder line happens to match 450 Ohms. To get this to be true would be a remarkable coincidence. For one thing, to match the 450 Ohms, most antennas will need some transformation at the connection of the feed line to the antenna. (The other end of the feed line)
The attraction of ladder line is not easy matching, it is low loss when NOT matched, which is in most cases. There is a figure showing this loss for many types of transmission line in the ARRL Handbook.

To match Ladder line to 50 Ohm coax, one must determine0 (some way) the characteristics of the signal at the juncture, not what the label says.
Bill—W4BSG

From: Furliips Stardust
Sent: Wednesday, October 30, 2013 3:09 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] Z-11 Pro II - not finding best match?

Use a 9:1 balun to match the 450 ohm window line. It will be much happier.

Jeff-1.0
wa6fwi

On Wednesday, October 30, 2013 11:15 AM,
"n2htt.mike@..." <n2htt.mike@...> wrote:

Hello everyone, I am new to the group and wanted to throw a question out to see if anyone else has experienced this. I have a Z-11 Pro II which I have used for several years now with my home station. I run it from batteries, and since I mostly operate QRP I am typically tuning up with about 1 - 3 watts.
I have noticed recently that when I do a full manual tuning cycle, it stops at around 2.5 - 3.0:1, and I can always add a little inductance manually to bring the solution down below 2:1. It always takes a little additional inductance to get a good match.
My antenna is an 88 foot doublet fed with window line, with a 4:1 balun and a short run of coax attaching the tuner to the antenna.
Has anyone ever seen this before, or would anyone have any suggestions on how to improve the match?
Thanks and 73
Mike N2HTT

6544. Tuner wish list

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-11-01 14:05:14 UTC
From: Joe
Topic: 6524 Message: 6544

While reading an article in QST regarding the use of a G5RV on 160 meters I thought about my old MFJ tuner that I had years ago. It had antenna outputs for balanced, unbalanced and long wire antennas. Although it was far from the most efficient tuner, it did get me on the air from several locations that I could not erect a full size antenna. I used it in Sint Maartin during a vacation to load up to a long wire antenna thrown out in the trees. Thinking back, the antenna was probably half in the French side and the the in the Dutch side. I was using a Dutch VP7 call and the transmitter was on the Dutch side, so it was probably legal. I digress, but that is allowed with age......

I would like to see an LDG box that could do the same thing, able to reasonably match to a G5RV, dipole, wire, etc. It would be nice to have both a 1:1 and 4:1 baluns included in the package. I know that there would be a compromise in size, but the ability to have everything in one package (and not lose or forget something) would be nice for a GoBox or QRP setup. Maybe the baluns could be an option to install? Again, I realize that this would be a compromise but sometimes the local environment dictates what size antenna you can erect and getting on the air is more important than efficiency.

Any thoughts?

73, Joe, K1ike

6545. Re: [LDG-auto-tuners] Z-11 Pro II - not finding best match?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-11-01 15:58:55 UTC
From: Mike Morrow, W3QT
Topic: 6524 Message: 6545

Jeff, isn't the real issue feedpoint impedance? You say the 9:1 makes the feedline look like a contiguous 50 ohm line. For it to be a contiguous 50 ohm feedline from one end to the other wouldn't you need a 9:1 balun on each end of the 450? That aside, the issue really isn't matching 450 ohm line to a piece of coax, is it? If it were, why not just use a run of coax? A 9:1 balun makes sense only if you know the feedpoint impedance and the mismatch isn't such that you flummox the tuner. Impedances of a wire antenna used over a wide range of frequencies vary widely (a few tens to several thousands of ohms), which is why one uses ladder line, anticipating the need for a low loss feedline. Seldom does a 9:1 balun look at 450 ohms, so you can divide 450/9 and get 50, but you haven't taken care of the mismatch. For example, if the SWR were 10:1 (very reasonable number for a multiband wire antenna fed with ladder line) the feedpoint impedance would be 450/10 or 40 ohms. A 9:1 balun would transform that to roughly 4.5 ohms, and losses would be prohibitive. The real concern when using a tuner is efficiency, and that can be all over the ballpark depending on antenna design. Better to use a 1:1 current balun, transform from balanced to unbalanced and then let the tuner do its job. If it can't then adjust the length of the feedline until it can. If the 9:1 works for you, have fun, but there may be a more efficient way.

Mike, W3QT

On 2013-11-01 09:22, Furliips Stardust wrote:
> Sigh.... 450 / 9 = 50
> A 9:1 balun makes the 50 ohm coax look like a contiguous section of
> feed line when used with 450 ohm ladder line.
>
> 450 / 4 = 112.5
> This places a discontinuity in the feed line. I.e. a "bump"
>
> Jeff-1.0
> wa6fwi
>
>
> On Thursday, October 31, 2013 10:18 AM, Bill Aycock
> <billaycock@...> wrote:
> Jeff-
> So, a 4:1 “Bump” is bad, but a 9:1 “Bump” is good? How does 1:1 do?
> Bill—W4BSG
> *From:* Furliips Stardust <mailto:grendelair@...>
> *Sent:* Thursday, October 31, 2013 8:51 AM
> *To:* LDG-auto-tuners@yahoogroups.com
> <mailto:LDG-auto-tuners@yahoogroups.com>

> *Subject:* Re: [LDG-auto-tuners] Z-11 Pro II - not finding best match?
>
>
> What makes non-resonant antennas work and tuning simple is a
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> line)
> The attraction of ladder line is not easy matching, it is low loss
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> this loss for many types of transmission line in the ARRL Handbook.
> To match Ladder line to 50 Ohm coax, one must determine0 (some way)
> the characteristics of the signal at the juncture, not what the label
> says.
> Bill—W4BSG
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> *Sent:* Wednesday, October 30, 2013 3:09 PM
> *To:* LDG-auto-tuners@yahoogroups.com
> <mailto:LDG-auto-tuners@yahoogroups.com>
> *Subject:* Re: [LDG-auto-tuners] Z-11 Pro II - not finding best match?
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> <n2htt.mike@...> wrote:
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> up with about 1 - 3 watts.
> I have noticed recently that when I do a full manual tuning cycle, it
> stops at around 2.5 - 3.0:1, and I can always add a little inductance
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> little additional inductance to get a good match.
> My antenna is an 88 foot doublet fed with window line, with a 4:1
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> Has anyone ever seen this before, or would anyone have any suggestions
> on how to improve the match?
> Thanks and 73
> Mike N2HTT
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6546. Re: [LDG-auto-tuners] AT-100ProII, loop antenna?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-11-01 18:04:01 UTC
From: Kirk Kleinschmidt
Topic: 6520 Message: 6546

Thanks, Leonard, good idea!

I was worried about using a 120-V bulb, but a low-wattage dc lamp would probably work just fine without being a fire hazard. Plus, the light would probably help me see what I'm doing on those occasions where I need to fuss with the remotely-installed tuner...

The RG-6 feeding the attic tuner has an external, insulated "pilot wire" that I use for sending 12-V dc to the tuner (RF on the center conductor and the coax shield, dc on the pilot wire and the coax shield). Works well and doesn't require a bias tee, etc. Voltage drop, even on 100-foot runs (measured on previous installs) wasn't significant, even though the wire is steel.

Thanks again,

--Kirk, NT0Z

My book, "Stealth Amateur Radio," is now available from
www.stealthamateur.com and on the Amazon Kindle (soon)

On Friday, November 1, 2013 12:38 PM, scott <ka9p@...> wrote:

>Kirk - maybe just a closet shelf adjacent the attic with a very short run of whatever open wire feed into the attic?
>
>
>I had a similar issue with my 200 pro thinking I might need it just outside the house but ended up with it inside in a closet and a careful short run of window line through the wall and could see no difference that way, and been really happy with that for almost five flawless years, and getting ready for same deal with a kW model here at the new QTH.
>
>
>Good luck.
>
>
>Scott ka9p
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>Sent from my iPad
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>On Nov 1, 2013, at 4:34 AM, Kirk Kleinschmidt <kirk@...> wrote:
>
>
>I hope a box will be sufficient, but I still have a few doubts :) In my attic, which isn't exposed to anything more than a slight breeze / minimal air movement, the Z11 Pro II "stops" working at about 10 F. The stand-by current is very minimal (as my cheap batteries demonstrate), but it might be enough to keep things working if the tuner is sealed in a styrofoam box. Attic temps here range from -25F to +120F. (My older SGC tuner has never been temperature sensitive, but it's brain-damaged right now, so it needs attention. Plus,

it seems to need a bit more RF to initiate a "tune," which has been frustrating at times when using 1-3 W radios.)
>>
>>Ended
>>In case a box isn't sufficient, I'm open to suggestion about a teeny-weeny heat source that won't burn down my house like a rogue, unattended light bulb mighty it, etc, as the tuner is in the attic and is only visible if I open the ceiling hatch from the top of a ladder :)
>>
>>
>>Something like a 2-watt Peltier module, etc?
>>
>>
>>As always, thanks for your input!
>>
>>
>>--Kirk, NT0Z
>>
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>>My book, "Stealth Amateur Radio," is now available from
>>www.stealthamateur.com and on the Amazon Kindle (soon)
>>
>>
>>
>>On Friday, November 1, 2013 3:28 AM, Michael Walker <va3mw@portcredit.net> wrote:
>>
>>
>>>I wouldn't worry about keeping your tuner warm. The box should be enough.
>>>
>>>
>>>On my remote base, my TS480, Steppir IR controller and rotator controller routinely see -25C and they have never had an issue. I don't use any heaters at all.
>>>
>>>
>>>Mike va3mw
>>>
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>>>
>>>On Wed, Oct 30, 2013 at 11:54 PM, Kirk Kleinschmidt <kirk@...> wrote:
>>>
>>>
>>>>
>>>>MoonScryer,
>>>>
>>>>I have successfully used loops of this type in the past with manual and autotuners.

>>>>
>>>>Coupla thoughts:
>>>>
>>>>1. The 30-W limit isn't really an issue, as FCC/common sense RF exposure guidelines would likely be exceeded at or beyond 30 W for an indoor antenna regardless of mode. Any more than that and you're gonna couple RF into your ac wiring...with potentially bad results for delicate ac-powered devices... You'll also likely trip GFCI outlets and breakers...
>>>>
>>>>2. I strongly suggest placing the tuner at the antenna feed point and placing the 1:1 coaxial balun on the input of the tuner. This will eliminate SWR losses in any coax that might run between the tuner and the antenna. With small antennas these losses can be extreme.
>>>>
>>>>3. If you can't do that, use
beefy 300-ohm twinlead (okay) or 450-ohm ladder line (better) or true open-wire line for the run between the tuner and the feed point (best). This will essentially eliminate any feed line SWR losses. Using coax between the tuner and the feed point with these physically small antennas can be cripping. 20+ dB losses are common.
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>>>>I just proved that point in my own shack. I have a 40-meter horizontal loop that runs around the perimeter of my attic. My autocouplers (a Z11 Pro II and an SGC SG-231) live just inside the attic access hatch, which is mostly centrally located. This setup has been a star performer for years at 5-10 W, even producing DXCC (and soon 5BWAS) WAC on 80 meters and several DXCC entities on 160.
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>>>>Because the SGC is slightly "goofy," and needing service, I switched to the Z11 two years ago. A 70-foot run of RG-6 connects my shack to the attic tuner, and a 25-foot (approx) run of open-wire line connects the Z11 to the feed
point (no balun). Well, the balun (coax loops) is actually on the coax, right at the tuner input.
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>>>>As mentioned, this works really well, and there are days I hardly notice that I'm using a compromise antenna. The Z11 doesn't like MN winter temps, however, so when it's 10 above (or colder), the tuner just won't tune. As a short-term remedy, I moved the tuner to a second-floor bedroom and ran 20-25 feet of coax from the tuner to the open-wire line (coaxial balun at the transition).
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>>>>It TUNES sweet, but it's practically a dummy load compared to the previous setup. Before last weekend's CQWW SSB contest I put the tuner back in the attic, and POW! The good old days are here again! But winter is also coming...so I'll have to rig a styrofoam box with a low-wattage heat tape (or something) to keep the Z11 warm...or I'll have to fix the SG-231, which isn't affected by cold temps.
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>>>>At any rate, I HIGHLY RECOMMEND placing the tuner at the
feed point or using ladder line between the tuner and the feed point.
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>>>>>Hello. Got a bit of a problem and hoping to get some help.
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>>>>>
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>>>>>I am thinking of building a loop antenna around the ceiling perimeter. The room is 11x12ft. 9ft ceilings. There is a really odd deco moulding lip around the top the is low enough to hide a 6 or 8 guage wire in and I have a tall bookcase I can bring the wires down behind, so maybe 50-56ft counting the wire drop. Yes, I have been planning this.
>>>>>
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>>>>>I have an AT100ProII tuner w/ an FT857D. I don't think it can support a loop antenna without some sort of balun between the antenna ends and the coax. What should I get? If the AT100 can't do this, what tuner should I find? The 30watt max on digital is sort of an issue but need to solve this first.
>>>>>
>>>>>
>>>>>Thanks.
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6547. Re: [LDG-auto-tuners] AT-100ProII, loop antenna?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-11-01 18:40:49 UTC
From: Hank Greeb
Topic: 6520 Message: 6547

To minimize the probability of fire to approaching the infinitesimal
(one can NEVER eliminate the probability of fire or explosion, or
implosion, for that matter), you might install a thermostat fixed at
some low temperature, like 50 degrees Fahrenheit or 10 degrees Celsius
in series with the light bulb. If you use a 12 volt bulb, the
thermostat would work directly with no need for a relay.

72/73 de n8xx Hg
QRP >99.44% of the time

On 11/1/2013 8:36 AM, scott wrote:
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6548. Re: [LDG-auto-tuners] AT-100ProII, loop antenna?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-11-01 18:47:41 UTC
From: Kirk Kleinschmidt
Topic: 6520 Message: 6548

Hank,

Good idea!

You're talking about an old-school, bi-metallic thermostat like the ones we used to use with our furnaces, right?

Just set a temp and connect it in series with the 12-V dc?

--Kirk, NT0Z

My book, "Stealth Amateur Radio," is now available from www.stealthamateur.com and on the Amazon Kindle (soon)

On Friday, November 1, 2013 1:43 PM, Hank Greeb <n8xx@...> wrote:

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>>>Something like a 2-watt Peltier module, etc?
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>>>As always, thanks for your input!
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>>>My book, "Stealth Amateur Radio," is now available from
>>>www.stealthamateur.com and on the Amazon Kindle (soon)
>>>
>>>
>>>
>>>On Friday, November 1, 2013 3:28 AM, Michael Walker <va3mw@...> wrote:
>>>
>>>
>>>>I wouldn't worry about keeping your tuner warm. The box should be enough.
>>>>
>>>>
>>>>On my remote base, my TS480, Steppir IR controller and rotator controller routinely see -25C and they have never had an issue. I don't use any heaters at all.
>>>>
>>>>
>>>>Mike va3mw
>>>>
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>>>>
>>>>On Wed, Oct 30, 2013 at 11:54 PM, Kirk Kleinschmidt <kirk@...> wrote:
>>>>
>>>>
>>>>>MoonScryer,
>>>>>
>>>>>I have successfully
used loops of this
type in the past with
manual and autotuners.
>>>>>
>>>>>Coupla thoughts:
>>>>>
>>>>>1. The 30-W limit
isn't really an issue,
as FCC/common sense RF
exposure guidelines
would likely be
exceeded at or beyond
30 W for an indoor
antenna regardless of
mode. Any more than
that and you're gonna
couple RF into your ac
wiring...with
potentially bad
results for delicate
ac-powered devices...
You'll also likely
trip GFCI outlets and
breakers...
>>>>>
>>>>>2. I strongly suggest
placing the tuner at
the antenna feed point
and placing the 1:1
coaxial balun on the
input of the tuner.
This will eliminate
SWR losses in any coax
that might run between
the tuner and the
antenna. With small
antennas these losses
can be extreme.
>>>>>
>>>>>3. If you can't do
that, use beefy
300-ohm twinlead
(okay) or 450-ohm

ladder line (better)
or true open-wire line
for the run between
the tuner and the feed
point (best). This
will essentially
eliminate any feed
line SWR losses. Using
coax between the tuner
and the feed point
with these physically
small antennas can be
cripping. 20+ dB
losses are common.
>>>>>
>>>>>I just proved that
point in my own shack.
I have a 40-meter
horizontal loop that
runs around the
perimeter of my attic.
My autocouplers (a Z11
Pro II and an SGC
SG-231) live just
inside the attic
access hatch, which is
mostly centrally
located. This setup
has been a star
performer for years at
5-10 W, even producing
DXCC (and soon 5BWAS)
WAC on 80 meters and
several DXCC entities
on 160.
>>>>>
>>>>>
>>>>>Because the SGC is
slightly "goofy,"
and needing service,
I switched to the
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connects my shack to
the attic tuner, and
a 25-foot (approx)
run of open-wire
line connects the
Z11 to the feed
point (no balun).

Well, the balun
(coax loops) is
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>>>>>As mentioned, this
works really well,
and there are days I
hardly notice that
I'm using a
compromise antenna.
The Z11 doesn't like
MN winter temps,
however, so when
it's 10 above (or
colder), the tuner
just won't tune. As
a short-term remedy,
I moved the tuner to
a second-floor
bedroom and ran
20-25 feet of coax
from the tuner to
the open-wire line
(coaxial balun at
the transition).
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>>>>>It TUNES sweet, but
it's practically a
dummy load compared
to the previous
setup. Before last
weekend's CQWW SSB
contest I put the
tuner back in the
attic, and POW! The
good old days are
here again! But
winter is also
coming...so I'll
have to rig a
styrofoam box with a
low-wattage heat
tape (or something)
to keep the Z11
warm...or I'll have
to fix the SG-231,
which isn't affected
by cold temps.

>>>>>
>>>>>At any rate, I
HIGHLY RECOMMEND
placing the tuner at
the feed point or
using ladder line
between the tuner
and the feed point.
>>>>>
>>>>>Good luck,
>>>>>
>>>>>--Kirk, NT0Z
>>>>>
>>>>>
>>>>>My book, "Stealth Amateur Radio," is now available from
>>>>>www.stealthamateur.com and on the Amazon Kindle (soon)
>>>>>
>>>>>
>>>>>
>>>>>On Wednesday, October 30, 2013 2:36 PM, MoonScryer K. <moonscryer1@...> wrote:
>>>>>
>>>>>
>>>>>>Hello. Got a bit of a problem and hoping to get some help.
>>>>>>I live in a very restrictive apartment complex on the ground floor, studio apt. I have no balcony and no bushes to hide anything in so all my antenna wiring has to be indoors and hidden. I can't do a radial or counterpoise system as its too noticeable. Its a newer apartment complex so all the piping I can find is plastic. Yeah, so this is a worse case.
>>>>>>
>>>>>>
>>>>>>I am thinking of building a loop antenna around the ceiling perimeter. The room is 11x12ft. 9ft ceilings. There is a really odd deco moulding lip around the top the is low enough to hide a 6 or 8 guage wire in and I have a tall bookcase I can bring the wires down behind, so maybe 50-56ft counting the wire drop. Yes, I have been planning this.
>>>>>>
>>>>>>
>>>>>>I have an AT100ProII tuner w/ an FT857D. I don't think it can support a loop antenna without some sort of balun between the antenna ends and the coax. What should I get? If the AT100 can't do this, what tuner should I find? The 30watt max on digital is sort of an issue but need to solve this first.
>>>>>>
>>>>>>
>>>>>>Thanks.
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6549. RE: RE: Z-11 Pro II - not finding best match?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-11-01 19:05:36 UTC
From: <kp4md@...>
Topic: 6524 Message: 6549

I agree with Mike's comments. Often we attempt to press into service a transmission line of random length and fixed impedance with the hope that an antenna tuning unit will correct for whatever RF reactances and voltage appears at the transmitter. To maximize the performance of the antenna, transmission line and tuner as a complete system, we should optimize the performance of each component.

I use a 40 meter full wave horizontal loop and an LDG Z-11Pro II tuner with an attached 1:1 current balun on all bands from 80 through 10 meters including the WARC bands. The antenna feed point presents an impedance that varies between 80 to 1800 ohms over that range, and the LDG Z-11Pro II had difficulty matching the transmitter to a random 37 foot feed line that I originally used. By studying the impedance transforming characteristics of feed lines, I found a sweet spot for operating on all these frequencies with a 100 ohm feed line lengthened to 51 feet (1/2 electrical wavelength on 7 MHz).

My write up is at
http://www.qsl.net/kp4md/kp4mdnec2.htm#80m http://www.qsl.net/kp4md/kp4mdnec2.htm#80m

Carol, KP4MD

Update - 28 August 2013 - 40 Meter Loop Antenna Transmission Line Optimization for 80 Meters and WARC Bands As seen above in Figures 35 and 36, the 40 meter full wave loop antenna presents a non-reactive load on its resonant frequency and harmonics thereof, but its high impedance between these frequencies presents matching problems at the transmitter end of the transmission line. In addition, the impedance transforming properties of random transmission line lengths skew the resonant frequencies seen at the transmitter end of the feed line.
The vector network analyzer measurements at Figures 51 and 52 below demonstrate this effect measured at the transmitter end of the original random length 37.9 foot zip cord transmission line. Not only were the resonant frequencies skewed outside of the desired frequency bands, but the high impedance presented to the transmitter on the 80 meter and the 30, 17 and 12 meter "WARC" bands rendered impedance matching problematic at those frequencies.
Figures 53 and 54 demonstrate the effect of lengthening the zip cord transmission line to an electrical half-wavelength at 7 MHz (51 feet). This eliminated skewing of the natural resonant frequencies of the loop antenna at its natural fundamental and harmonic frequencies. Also, the impedance transforming characteristics of this transmission line at frequencies where it is also an odd multiple of a quarter-wavelength (3.5, 10.5, 17.5, and 24.5 MHz) transformed the loop antenna's high impedance at those frequencies to a low impedance, eliminating high RF voltage on the matching network and facilitating transmitter matching on 3.5 MHz and the WARC bands.
The principle of the 7 MHz full-wave loop operation on 3.5 MHz may be conceptualized by comparison with the HO loop, or halo antenna—a half-wave open loop antenna popular on VHF frequencies. The halo antenna is essentially a horizontal half-wave dipole with its elements curved to form an open-ended circular loop to provide a nearly omnidirectional radiation pattern. The halo antenna is typically fed at its low impedance center point, while its open ends exhibit high impedance. By analogy, the 7 MHz full-wave loop operates

on 3.5 MHz as a half-wave halo antenna fed across its high impedance open ends. In this case, the impedance transforming characteristic of a 1/4 wavelength transmission line assists in coupling the high impedance antenna to the low 50 ohm impedance of the transmitter. This situation repeats at frequencies where the loop antenna is an odd multiple of a half-wavelength, that is, at 10.5, 17.5 and 24.5 MHz, near the "WARC" frequency bands.

The 100 ohm zip cord is preferable to 300 ohm twin-lead and 450 ohm ladder line for this application. As can be seen in Figure 37, the loop impedance varies between 80 and 350 ohms at its resonance points and between 800 and 1800 ohms at the midpoint peaks between resonance. For a quarter wavelength transmission line, the impedance seen by the transmitter (Z) is given by Z = Z02 / Zant, where Z0is the characteristic impedance of the transmission line and Zant is the antenna impedance. Figures 55 and 56 compare these impedance transforming characteristics for 100 ohm and 450 ohm feed lines. The 100 ohm feed line transforms the impedance to 6 to 125 ohms at the transmitter, within the range of most antenna tuning units. However, a 450 ohm feed line renders an impedance range of 110 to 2500 ohms at the transmitter, values that exceed the operating range and safe voltage ratings of most antenna tuners.
Horizontal Loop Antenna Parameters Measured at Transmitter End of Feed Line over 3 to 30 MHz
Fig. 51. Standing Wave Ratio and Reflection Loss - Random 37.9' feed line Fig. 52. Resistance and Reactance - Random 37.9' feed line
Fig. 53. Standing Wave Ratio and Reflection Loss - 51' feed line (0.5λ @ 7 MHz)
Fig. 54. Resistance and Reactance - 51' feed line (0.5λ @ 7 MHz) Impedance Transforming Characteristics of 100 and 450 ohm 1/4 Wave Transmission Lines
Fig. 55. A 100 ohm feed line transforms the antenna impedance to 6 to 125 ohms
at the transmitter, within the range of most antenna tuning units. Fig. 56. A 450 ohm ladder line renders an impedance range of 110 to 2500 ohms
at the transmitter, exceeding the safe operating range of most antenna tuners.

6550. Re: [LDG-auto-tuners] RE: RE: Z-11 Pro II - not finding best match?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-11-01 19:43:59 UTC
From: Hank Greeb
Topic: 6524 Message: 6550

In the 61 years of hamming, I've rarely found it difficult to empirically determine a "sweet spot" of antenna feedline as long as the dipole is ~3/8 wavelength or greater on the highest wavelength that one is expecting to use it. I've found (and subsequently confirmed by Cebik, W4RNL) that a 1/4 wave dipole is very finicky for matching, so I try to use a longer length. I generally use ~400 ohm ladder line or window line as feeder, just because of habit. Sometimes the the length from the middle of the antenna to the shack is < the optimum length, so the feeder dribbles around the back yard. Prior to the ready availability of 400 ohm line I made my own ladder line with wooden dowels soaked in paraffin as spreaders.

Typically the "sweet spot" is not all that critical with any reasonably wide range matching unit. With some of the comercially made units the range for matching is not sufficient, so I either resort to my trusty homebrew tuner, which I made in the 1960's or I experiment more until I find a better "sweet spot" of length.

He who is not an experimenter within ham radio is doomed to occasional failure. (Maxim by Hank Greeb, N8XX, ex WNØFVD, ex WØFVD, ex W8CHT

72/73 de n8xx Hg
QRP >99.44% of the time

p.s. If you can get hold of the ARRL Antenna Book 1941 version, it will be very useful in understanding transmission line theory. Until I misplaced it shortly after moving to Michigan in 2005 it was in regular use. Later versions of this Book seem to have less practical stuff and more high-falutin' theory which is several stories above my level of interest and therefore waaaayyyy above my comprehension.

On 11/1/2013 3:05 PM, kp4md@... wrote:
>
>
> I agree with Mike's comments. Often we attempt to press into service
> a transmission line of random length and fixed impedance with the hope
> that an antenna tuning unit will correct for whatever RF reactances
> and voltage appears at the transmitter. To maximize the performance of
> the antenna, transmission line and tuner as a complete system, we
> should optimize the performance of each component.
>
> I use a 40 meter full wave horizontal loop and an LDG Z-11Pro II tuner
> with an attached 1:1 current balun on all bands from 80 through 10
> meters including the WARC bands. The antenna feed point presents an
> impedance that varies between 80 to 1800 ohms over that range, and the
> LDG Z-11Pro II had difficulty matching the transmitter to a random 37

> foot feed line that I originally used. By studying the impedance
> transforming characteristics of feed lines, I found a sweet spot for
> operating on all these frequencies with a 100 ohm feed line lengthened
> to 51 feet (1/2 electrical wavelength on 7 MHz).
>
> My write up is at
> http://www.qsl.net/kp4md/kp4mdnec2.htm#80m
>
> Carol, KP4MD

6551. Re: [LDG-auto-tuners] AT-100ProII, loop antenna?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-11-01 21:28:14 UTC
From: Hank Greeb
Topic: 6520 Message: 6551

Yup, the cheepie kind. They usually go down to at least 40 deg F.

On 11/1/2013 2:47 PM, Kirk Kleinschmidt wrote:
>
>
> Hank,
>
> Good idea!
>
> You're talking about an old-school, bi-metallic thermostat like the
> ones we used to use with our furnaces, right?
>
> Just set a temp and connect it in series with the 12-V dc?
>
> --Kirk, NT0Z
>
> My book, "Stealth Amateur Radio," is now available from
> www.stealthamateur.com and on the Amazon Kindle (soon)
>
>
> On Friday, November 1, 2013 1:43 PM, Hank Greeb <n8xx@...> wrote:
>
> To minimize the probability of fire to approaching the
> infinitesimal (one can NEVER eliminate the probability of fire or
> explosion, or implosion, for that matter), you might install a
> thermostat fixed at some low temperature, like 50 degrees
> Fahrenheit or 10 degrees Celsius in series with the light bulb.
> If you use a 12 volt bulb, the thermostat would work directly with
> no need for a relay.
>
> 72/73 de n8xx Hg
> QRP >99.44% of the time
>
> On 11/1/2013 8:36 AM, scott wrote:
>> Kirk - maybe just a closet shelf adjacent the attic with a very
>> short run of whatever open wire feed into the attic?
>>
>> I had a similar issue with my 200 pro thinking I might need it
>> just outside the house but ended up with it inside in a closet
>> and a careful short run of window line through the wall and could
>> see no difference that way, and been really happy with that for
>> almost five flawless years, and getting ready for same deal with
>> a kW model here at the new QTH.
>>
>> Good luck.

>>
>> Scott ka9p
>>
>> Sent from my iPad
>>
>> On Nov 1, 2013, at 4:34 AM, Kirk Kleinschmidt <kirk@...
>> <mailto:kirk@...>> wrote:
>>
>>> I hope a box will be sufficient, but I still have a few doubts
>>> :) In my attic, which isn't exposed to anything more than a
>>> slight breeze / minimal air movement, the Z11 Pro II "stops"
>>> working at about 10 F. The stand-by current is very minimal (as
>>> my cheap batteries demonstrate), but it might be enough to keep
>>> things working if the tuner is sealed in a styrofoam box. Attic
>>> temps here range from -25F to +120F. (My older SGC tuner has
>>> never been temperature sensitive, but it's brain-damaged right
>>> now, so it needs attention. Plus, it seems to need a bit more RF
>>> to initiate a "tune," which has been frustrating at times when
>>> using 1-3 W radios.)
>>> Ended
>>> In case a box isn't sufficient, I'm open to suggestion about a
>>> teeny-weeny heat source that won't burn down my house like a
>>> rogue, unattended light bulb mighty it, etc, as the tuner is in
>>> the attic and is only visible if I open the ceiling hatch from
>>> the top of a ladder :)
>>>
>>> Something like a 2-watt Peltier module, etc?
>>>
>>> As always, thanks for your input!
>>>
>>> --Kirk, NT0Z
>>> My book, "Stealth Amateur Radio," is now available from
>>> www.stealthamateur.com <http://www.stealthamateur.com/> and on
>>> the Amazon Kindle (soon)
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>>> On Friday, November 1, 2013 3:28 AM, Michael Walker
>>> <va3mw@... <mailto:va3mw@...>> wrote:
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>>> I wouldn't worry about keeping your tuner warm. The box
>>> should be enough.
>>>
>>> On my remote base, my TS480, Steppir IR controller and
>>> rotator controller routinely see -25C and they have never
>>> had an issue. I don't use any heaters at all.
>>>
>>> Mike va3mw
>>>
>>>
>>>

>>>
>>>
>>> On Wed, Oct 30, 2013 at 11:54 PM, Kirk Kleinschmidt
>>> <kirk@... <mailto:kirk@...>> wrote:
>>>
>>> MoonScryer,
>>>
>>> I have successfully used loops of this type in the past
>>> with manual and autotuners.
>>>
>>> Coupla thoughts:
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>>> 1. The 30-W limit isn't really an issue, as FCC/common
>>> sense RF exposure guidelines would likely be exceeded at
>>> or beyond 30 W for an indoor antenna regardless of mode.
>>> Any more than that and you're gonna couple RF into your
>>> ac wiring...with potentially bad results for delicate
>>> ac-powered devices... You'll also likely trip GFCI
>>> outlets and breakers...
>>>
>>> 2. I strongly suggest placing the tuner at the antenna
>>> feed point and placing the 1:1 coaxial balun on the
>>> input of the tuner. This will eliminate SWR losses in
>>> any coax that might run between the tuner and the
>>> antenna. With small antennas these losses can be extreme.
>>>
>>> 3. If you can't do that, use beefy 300-ohm twinlead
>>> (okay) or 450-ohm ladder line (better) or true open-wire
>>> line for the run between the tuner and the feed point
>>> (best). This will essentially eliminate any feed line
>>> SWR losses. Using coax between the tuner and the feed
>>> point with these physically small antennas can be
>>> cripping. 20+ dB losses are common.
>>>
>>> I just proved that point in my own shack. I have a
>>> 40-meter horizontal loop that runs around the perimeter
>>> of my attic. My autocouplers (a Z11 Pro II and an SGC
>>> SG-231) live just inside the attic access hatch, which
>>> is mostly centrally located. This setup has been a star
>>> performer for years at 5-10 W, even producing DXCC (and
>>> soon 5BWAS) WAC on 80 meters and several DXCC entities
>>> on 160.
>>>
>>> Because the SGC is slightly "goofy," and needing
>>> service, I switched to the Z11 two years ago. A 70-foot
>>> run of RG-6 connects my shack to the attic tuner, and a
>>> 25-foot (approx) run of open-wire line connects the Z11
>>> to the feed point (no balun). Well, the balun (coax
>>> loops) is actually on the coax, right at the tuner input.
>>>

>>> As mentioned, this works really well, and there are days
>>> I hardly notice that I'm using a compromise antenna. The
>>> Z11 doesn't like MN winter temps, however, so when it's
>>> 10 above (or colder), the tuner just won't tune. As a
>>> short-term remedy, I moved the tuner to a second-floor
>>> bedroom and ran 20-25 feet of coax from the tuner to the
>>> open-wire line (coaxial balun at the transition).
>>>
>>> It TUNES sweet, but it's practically a dummy load
>>> compared to the previous setup. Before last weekend's
>>> CQWW SSB contest I put the tuner back in the attic, and
>>> POW! The good old days are here again! But winter is
>>> also coming...so I'll have to rig a styrofoam box with a
>>> low-wattage heat tape (or something) to keep the Z11
>>> warm...or I'll have to fix the SG-231, which isn't
>>> affected by cold temps.
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>>> At any rate, I HIGHLY RECOMMEND placing the tuner at the
>>> feed point or using ladder line between the tuner and
>>> the feed point.
>>>
>>> Good luck,
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>>> --Kirk, NT0Z
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>>> My book, "Stealth Amateur Radio," is now available from
>>> www.stealthamateur.com <http://www.stealthamateur.com/>
>>> and on the Amazon Kindle (soon)
>>>
>>>
>>> On Wednesday, October 30, 2013 2:36 PM, MoonScryer K.
>>> <moonscryer1@... <mailto:moonscryer1@...>>
>>> wrote:
>>>
>>> Hello. Got a bit of a problem and hoping to get some
>>> help.
>>> I live in a very restrictive apartment complex on
>>> the ground floor, studio apt. I have no balcony and
>>> no bushes to hide anything in so all my antenna
>>> wiring has to be indoors and hidden. I can't do a
>>> radial or counterpoise system as its too noticeable.
>>> Its a newer apartment complex so all the piping I
>>> can find is plastic. Yeah, so this is a worse case.
>>>
>>> I am thinking of building a loop antenna around the
>>> ceiling perimeter. The room is 11x12ft. 9ft
>>> ceilings. There is a really odd deco moulding lip
>>> around the top the is low enough to hide a 6 or 8
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>>> the wires down behind, so maybe 50-56ft counting the

>>> wire drop. Yes, I have been planning this.
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>>> I have an AT100ProII tuner w/ an FT857D. I don't
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>>> sort of balun between the antenna ends and the coax.
>>> What should I get? If the AT100 can't do this, what
>>> tuner should I find? The 30watt max on digital is
>>> sort of an issue but need to solve this first.
>>>
>>> Thanks.
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6552. Re: [LDG-auto-tuners] AT-100ProII, loop antenna?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-11-01 21:49:48 UTC
From: Joe
Topic: 6520 Message: 6552

I use a Freeze Alarm device that I purchased at the local hardware store. You plug it in the wall, then plug a lamp into it. When the temp goes below a preset point the light turns on. This is meant to alert your neighbor that your heat is off when you are on vacation. I use one of these in my 6 meter repeater cabinet to keep things warm during the winter.

Or, you can use a electric baseboard thermostat. They are made to switch 110 or 220 VAC directly.

Just be aware that by heating a box in the attic during the winter is going to invite guests. Protect against mice getting into or on the top of the box.

73, Joe, K1ike

On 11/1/2013 5:28 PM, Hank Greeb wrote:
>
>
> Yup, the cheepie kind. They usually go down to at least 40 deg F.
>
> On 11/1/2013 2:47 PM, Kirk Kleinschmidt wrote:
>> Hank,
>>
>> Good idea!
>>
>> You're talking about an old-school, bi-metallic thermostat like the
>> ones we used to use with our furnaces, right?
>>
>> Just set a temp and connect it in series with the 12-V dc?

6553. Re: [LDG-auto-tuners] Z-11 Pro II - not finding best match?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-11-01 23:52:40 UTC
From: Bill Aycock
Topic: 6524 Message: 6553

Jeff--
I appreciate the arithmetic lesson; I learned that before you were born. Hell, I was licensed before you were born. However, even you should know that the characteristic impedance of a transmission line only represents the character of the signal on a PROPERLY TERMINATED line. Sticking a transformer on one end of a line does not do it; both ends must be considered, or reflections occur. Proper selection of a transmission line transformer requires knowledge of the signal that isn't known in the situation we are talking about.
Bill—W4BSG

From: Furliips Stardust
Sent: Friday, November 01, 2013 8:22 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] Z-11 Pro II - not finding best match?

Sigh.... 450 / 9 = 50
A 9:1 balun makes the 50 ohm coax look like a contiguous section of feed line when used with 450 ohm ladder line.

450 / 4 = 112.5
This places a discontinuity in the feed line. I.e. a "bump"

Jeff-1.0
wa6fwi

On Thursday, October 31, 2013 10:18 AM, Bill Aycock <billaycock@...> wrote:

Jeff-
So, a 4:1 "Bump" is bad, but a 9:1 "Bump" is good? How does 1:1 do?
Bill—W4BSG

From: Furliips Stardust
Sent: Thursday, October 31, 2013 8:51 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] Z-11 Pro II - not finding best match?

What makes non-resonant antennas work and tuning simple is a continuous piece of transmission line of a given impedance between the antenna and the tuner without any introduced mismatches.

Introducing a "bump" such as using a 4:1 balun between 50 ohm and 450 ohm transmission line is adding to the problem.

Additionally using a 9:1 balun changes the "solution range" of the tuner, and provides an easier match.

Jeff-1.0
wa6fwi

On Wednesday, October 30, 2013 5:54 PM, Bill Aycock <billaycock@...> wrote:

Correct me if I am wrong, but this is only true if the signal at the end of the ladder line happens to match 450 Ohms. To get this to be true would be a remarkable coincidence. For one thing, to match the 450 Ohms, most antennas will need some transformation at the connection of the feed line to the antenna. (The other end of the feed line)
The attraction of ladder line is not easy matching, it is low loss when NOT matched, which is in most cases. There is a figure showing this loss for many types of transmission line in the ARRL Handbook.
To match Ladder line to 50 Ohm coax, one must determine0 (some way) the characteristics of the signal at the juncture, not what the label says.
Bill—W4BSG

From: Furliips Stardust
Sent: Wednesday, October 30, 2013 3:09 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] Z-11 Pro II - not finding best match?

Use a 9:1 balun to match the 450 ohm window line. It will be much happier.

Jeff-1.0
wa6fwi

On Wednesday, October 30, 2013 11:15 AM, "n2htt.mike@..." <n2htt.mike@...> wrote:

Hello everyone, I am new to the group and wanted to throw a question out to see if anyone else has experienced this. I have a Z-11 Pro II which I have used for several years now with my home station. I run it from batteries, and since I mostly operate QRP I am typically tuning up with about 1 - 3 watts.
I have noticed recently that when I do a full manual tuning cycle, it stops at around 2.5 - 3.0:1, and I can always add a little inductance manually to bring the solution down below 2:1. It always takes a little additional inductance to get a good match.
My antenna is an 88 foot doublet fed with window line, with a 4:1 balun and a short run of coax attaching the tuner to the antenna.
Has anyone ever seen this before, or would anyone have any suggestions on how to improve the match?
Thanks and 73
Mike N2HTT

6554. Re: [LDG-auto-tuners] Z-11 Pro II - not finding best match?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-11-02 01:47:28 UTC
From: Hank Greeb
Topic: 6524 Message: 6554

Shucky durn. If I have a 400 ohm line and feed it from a 50 ohm source, and it has SWR=10, the LDG Z-11 may or may not be able to handle it. But, there ain't no "discontinuity" or "bump."" If the current or voltage limits for the Balun are NOT exceeded, the balun acts and a transformer and reduces both the reactive and resistive components by a factor of 4. Nothing more, nothing less.

If the input impedance is outside the range of the Z-11 matching device, maybe you will do better with a 9/1 balun, or maybe you'll do better with a 1/1 balun. I find very few lengths of center fed antennae (when the center fed antenna is => 3/8 wavelength at the operating wavelength) plus length of 400 ohm window line (polyethylene insulated, with varying sizes and spacing of "windows") which are unsuitable if I use either a 4/1 or 1/1 balun. I always have 1 each of these in my "bag of trix. I don't use a Z-11, but one of the original Z-100 units.

A bit of experimentation of the length of balanced feeders (either 300, 400, or 600 ohm nominal impedance) and use of either 4/1 or 1/1 Balun will result in satisfactory match >99.44% of the time. At least that's been my experience over the past 4 years during which I've owned the ancient Z-100 tuner.

I find the discussion a bit like the blind leading the blind. I suggest that folks get hold of most any version of the ARRL Antenna book or similar tome, read it, and then do some experimentation. The experimentation should be very useful.

Expecting miracles to overcome the laws of physics is fruitless - it ain't gonna happen.

72/73 de n8xx Hg
QRP >99.44% of the time

p.s. one CAN burn up a LDG 4/1 voltage balun if the wrong choice of feedline and antenna length is made. We proved that during Field Day a couple years ago, but it was our own fault - we didn't take the time to figure out the impedance which was presented by a much shorter than usual feedline length with an antenna which I usually use at home.

On 11/1/2013 9:22 AM, Furliips Stardust wrote:
>
>
> Sigh.... 450 / 9 = 50
> A 9:1 balun makes the 50 ohm coax look like a contiguous section of
> feed line when used with 450 ohm ladder line.
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> wa6fwi
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>
> Bill—W4BSG
> *From:* Furliips Stardust <mailto:grendelair@...>
> *Sent:* Thursday, October 31, 2013 8:51 AM
> *To:* LDG-auto-tuners@yahoogroups.com
> <mailto:LDG-auto-tuners@yahoogroups.com>
> *Subject:* Re: [LDG-auto-tuners] Z-11 Pro II - not finding best match?
>
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> continuous piece of transmission line of a given impedance between the
> antenna and the tuner without any introduced mismatches.
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6555. RE: Re: [LDG-auto-tuners] AT-100ProII, loop antenna?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-11-02 04:49:45 UTC
From: <w0sgm@...>
Topic: 6520 Message: 6555

Are you using batteries to power it ? like a AA pack or such?

If so,might be them being to cold.. I'd power the tuner through a set of bias-t's.. That's how I power my Z11Pro at the base of a 31'vert.

Scott W0SGM

---In LDG-auto-tuners@yahoogroups.com, <ldg-auto-tuners@yahoogroups.com> wrote:

I hope a box will be sufficient, but I still have a few doubts :) In my attic, which isn't exposed to anything more than a slight breeze / minimal air movement, the Z11 Pro II "stops" working at about 10 F. The stand-by current is very minimal (as my cheap batteries demonstrate), but it might be enough to keep things working if the tuner is sealed in a styrofoam box. Attic temps here range from -25F to +120F. (My older SGC tuner has never been temperature sensitive, but it's brain-damaged right now, so it needs attention. Plus, it seems to need a bit more RF to initiate a "tune," which has been frustrating at times when using 1-3 W radios.)

In case a box isn't sufficient, I'm open to suggestion about a teeny-weeny heat source that won't burn down my house like a rogue, unattended light bulb might, etc, as the tuner is in the attic and is only visible if I open the ceiling hatch from the top of a ladder :)

Something like a 2-watt Peltier module, etc?

As always, thanks for your input!

--Kirk, NT0Z

My book, "Stealth Amateur Radio," is now available from
www.stealthamateur.com and on the Amazon Kindle (soon)

On Friday, November 1, 2013 3:28 AM, Michael Walker <va3mw@...> wrote:

I wouldn't worry about keeping your tuner warm. The box should be enough.

On my remote base, my TS480, Steppir IR controller and rotator controller routinely see -25C and they have never had an issue. I don't use any heaters at all.

Mike va3mw

On Wed, Oct 30, 2013 at 11:54 PM, Kirk Kleinschmidt <kirk@... mailto:kirk@...> wrote:
MoonScryer,

I have successfully used loops of this type in the past with manual and autotuners.

Coupla thoughts:

1. The 30-W limit isn't really an issue, as FCC/common sense RF exposure guidelines would likely be exceeded at or beyond 30 W for an indoor antenna regardless of mode. Any more

than that and you're gonna couple RF into your ac wiring...with potentially bad results for delicate ac-powered devices... You'll also likely trip GFCI outlets and breakers...

2. I strongly suggest placing the tuner at the antenna feed point and placing the 1:1 coaxial balun on the input of the tuner. This will eliminate SWR losses in any coax that might run between the tuner and the antenna. With small antennas these losses can be extreme.

3. If you can't do that, use beefy 300-ohm twinlead (okay) or 450-ohm ladder line (better) or true open-wire line for the run between the tuner and the feed point (best). This will essentially eliminate any feed line SWR losses. Using coax between the tuner and the feed point with these physically small antennas can be cripping. 20+ dB losses are common.

I just proved that point in my own shack. I have a 40-meter horizontal loop that runs around the perimeter of my attic. My autocouplers (a Z11 Pro II and an SGC SG-231) live just inside the attic access hatch, which is mostly centrally located. This setup has been a star performer for years at 5-10 W, even producing DXCC (and soon 5BWAS) WAC on 80 meters and several DXCC entities on 160.

Because the SGC is slightly "goofy," and needing service, I switched to the Z11 two years ago. A 70-foot run of RG-6 connects my shack to the attic tuner, and a 25-foot (approx) run of open-wire line connects the Z11 to the feed point (no balun). Well, the balun (coax loops) is actually on the coax, right at the tuner input.

As mentioned, this works really well, and there are days I hardly notice that I'm using a compromise antenna. The Z11 doesn't like MN winter temps, however, so when it's 10 above (or colder), the tuner just won't tune. As a short-term remedy, I moved the tuner to a second-floor bedroom and ran 20-25 feet of coax from the tuner to the open-wire line (coaxial balun at the transition).

It TUNES sweet, but it's practically a dummy load compared to the previous setup. Before last weekend's CQWW SSB contest I put the tuner back in the attic, and POW! The good old days are here again! But winter is also coming...so I'll have to rig a styrofoam box with a low-wattage heat tape (or something) to keep the Z11 warm...or I'll have to fix the SG-231, which isn't affected by cold temps.

At any rate, I HIGHLY RECOMMEND placing the tuner at the feed point or using ladder line between the tuner and the feed point.

Good luck,

--Kirk, NT0Z

My book, "Stealth Amateur Radio," is now available from www.stealthamateur.com http://www.stealthamateur.com/ and on the Amazon Kindle (soon)

On Wednesday, October 30, 2013 2:36 PM, MoonScryer K. <moonscryer1@... mailto:moonscryer1@...> wrote:

Hello. Got a bit of a problem and hoping to get some help.
I live in a very restrictive apartment complex on the ground floor, studio apt. I have no balcony and no bushes to hide anything in so all my antenna wiring has to be indoors and hidden. I can't do a radial or counterpoise system as its too noticeable. Its a newer apartment complex so all the piping I can find is plastic. Yeah, so this is a worse case.

I am thinking of building a loop antenna around the ceiling perimeter. The room is 11x12ft. 9ft ceilings. There is a really odd deco moulding lip around the top the is low enough to hide a 6 or 8 guage wire in and I have a tall bookcase I can bring the wires down behind, so maybe 50-56ft counting the wire drop. Yes, I have been planning this.

I have an AT100ProII tuner w/ an FT857D. I don't think it can support a loop antenna without some sort of balun between the antenna ends and the coax. What should I get? If the AT100 can't do this, what tuner should I find? The 30watt max on digital is sort of an issue but need to solve this first.

Thanks.

6556. Re: AT-100ProII, loop antenna?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-11-02 21:25:00 UTC
From: Jonathan Helis KB5IAV
Topic: 6520 Message: 6556

I'm using a half wave open loop in my attic. It's basically a 60 foot dipole bent into a rectangle. I have it fed at the corner with Radio Shack TV Twinlead into a MFJ 4:1/1:1 switchable balun, which is connected to the tuner(Z11 Pro).

I have the tuner in the shack because in my area with the extreme heat in the attic during the summer, I doubt anything electronic would last long up there.

--
73,

Jonathan Helis, KB5IAV
Baton Rouge, Louisiana, U.S.A.

6557. Re: [LDG-auto-tuners] How do I recalibrate my Z-100Plus

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-11-02 10:56:47 UTC
From: Steen Rudberg
Topic: 6516 Message: 6557

Hi

I found this in the AT-11MP manual.

a.. Set R5 and R6 to the center position.
b.. Connect the transmitter and antenna (or dummy load) to the proper ports.
c.. With a voltmeter on test point REV (to the left of R5), and about 10 watts applied to a dummy load or resonant antenna, tune C1 for minimum DC voltage. The voltage should be just about 0.0 volts (0.1 is OK). You MUST use a 50 ohm load (either dummy or resonant antenna) to properly do the alignment.
d.. Raise the power to 100 watts and watch the forward needle on the power meter. Adjust R6 to read 100 watts on the forward meter. Be sure to start R6 from it's lowest value.
e.. Position R5 to the same physical position as R6.
f.. Note: if you can't get 100 watts out of your radio, use 50 watts and adjust R5 and R6 for the proper readings on the meter.
g.. Congratulations! The AT-11 MP is now ready to be put on the air.
Vy 73 de
5p0o, Steen

----- Original Message -----
From: Steen Rudberg
To: LDG-auto-tuners@yahoogroups.com
Sent: Sunday, October 20, 2013 11:25 AM
Subject: [LDG-auto-tuners] How do I recalibrate my Z-100Plus

☐

Hi

I have been reading the "SWR Reading on Radio VS on LDG Tuner" Conversation.

I have a Z-100 for portable use (WWFF) and a Z-100Plus for home use.
The Z-100Plus always gives a worse SWR after tuning than the Z-100.
As I see it when I open the boxes they have the same LC configuration - so they should bee able to tune to the same SWR under the same conditions. (That is the same antenna, cables, grounding ect)

Dose any of you have a calibration describtion?

It would bee nice with a "how to calibrate"folder here in the Yahoo group.

Vy 73 de
5p0o, Steen

Good judgement comes from experience, experience comes from bad judgement.

No virus found in this message.
Checked by AVG - www.avg.com

Version: 2012.0.2242 / Virus Database: 3222/6292 - Release Date: 10/29/13

6558. Re: [LDG-auto-tuners] Z-11 Pro II - not finding best match?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-11-03 13:32:05 UTC
From: Furliips Stardust
Topic: 6524 Message: 6558

A continuous impedance vs a change in impedance.

A: Source1 (SWR1) ==========(Z1)========== Load1
B: Source1 (SWR2) ----------(Z2)----------=========(Z3)===== Load1

Think about this for a moment. Source1 = 50 ohms. Load1 = 50 ohms.
Z1 and Z3 = 50 ohm coax, and Z2 = 75 ohm coax.

SWR1 NOT equal to SWR2

Taking this a bit further:
C. Source2 (9:1)==========(Z1)========== Load2
D. Source2 =======(Z2)==========(9:1)=====(Z1)========== Load2
E. Source2 ==========(Z2)==========(9:1) Load2

Source2 = 50 ohms. Load2 = 450 ohms. Z1 = 450 line. Z2 = 50 ohm coax.
And 9:1 = the balun.

It reallly doesn't matter where you put the balun in the above example. The
real difference comes with making Load2 NOT equal to Z1, and the resulting
SWR causing loss in coax. (450 ohm window line is comparatively low loss.)

For a given mismatch at the load, there will be more lose in E than there is
in C.

And now one step further:
F. Source3 ======(Z1)=====(9:1)==========(Z2)======== Load3
G. Source3 ======(Z1)=====(4:1)==========(Z2)======== Load3

Source3 = 50 ohms. Load3 = 450 ohms. Z1 = 50 ohms Z2 = 450 ohms.

In G you have an inherent mismatch of 2.25:1 Referring to example A and B
above, you have a discontinuity in the transmission line impedance. You have
a discontinuity in G just as well, if not more so.

Since you're older than me, you should remember using a 102' doublet antenna
with open wire line and a tuner. (Before they got rid of the tuner and terminated
the open line directly to a piece of 50 ohm coax and called it the G5RV antenna.)

The lengths of the doublet and feed line had a relationship that made for optimum
tuning. Nor did they suggest using randomly chosen pieces of different feed line.

In my case, I am running the classic '30s vintage 102' doublet antenna with 450
ohm window line and an LDG Z11 Pro II tuner. Using a 4:1 balun it was fussy and
would occasionally insist on retuning itself. Using a 9:1 balun it calmed down and
tuned reliably.

Jeff-1.0
wa6fwi

On Friday, November 1, 2013 8:47 PM, Hank Greeb <n8xx@...> wrote:

Shucky durn. If I have a 400 ohm line and feed it from a 50 ohm source, and it has SWR=10, the LDG Z-11 may or may not be able to handle it. But, there ain't no "discontinuity" or "bump."" If the current or voltage limits for the Balun are NOT exceeded, the balun acts and a transformer and reduces both the reactive and resistive components by a factor of 4. Nothing more, nothing less.

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A bit of experimentation of the length of balanced feeders (either 300, 400, or 600 ohm nominal impedance) and use of either 4/1 or 1/1 Balun will result in satisfactory match >99.44% of the time. At least that's been my experience over the past 4 years during which I've owned the ancient Z-100 tuner.

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p.s. one CAN burn up a LDG 4/1 voltage balun if the wrong choice of feedline and antenna length is made. We proved that during Field Day a couple years ago, but it was our own fault - we didn't take the time to figure out the impedance which was presented by a much shorter than usual feedline length with an antenna which I usually use at home.

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>Sent: Thursday, October 31, 2013 8:51 AM
>To: LDG-auto-tuners@yahoogroups.com
>Subject: Re: [LDG-auto-tuners] Z-11 Pro II - not finding best match?
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6559. Re: [LDG-auto-tuners] Z-11 Pro II - not finding best match?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-11-03 15:32:06 UTC
From: Mike Morrow, W3QT
Topic: 6524 Message: 6559

1. A random wire antenna fed with 450 ohm ladder-line just is not going to show 450 ohms resistive at the ladder-line to coax junction. So what? You're not going to get an opportunity to transform 450 ohms to 50 ohms using a 9:1 balun..

2. I borrow the following thought from a respected published ham and edit it for brevity. The use of the word "your" should be understood as a general "your" and in this case not pointing to any specific person.

" ... you can make many, many contacts with ANYTHING. So, enjoy your antenna and the contacts you're making. Without a reference antenna or an accurate model you have no way of knowing how good your antenna is in absolute terms. People make contacts every day on antennas that exhibit 1% efficiency... 1W radiated for every 100W pumped into the antenna. Antenna theory is based on real, physical fact. The occasional accidental antenna that works much better than expected is only due to incomplete information in the calculations or models. Your antenna works better than predicted only because you haven't measured how bad it is."

Mike, N2HTT, you can make your LDG tuner happy, and it will work well for you. Follow this link and read. I think it will help. Tom, W8JI, is an extremely well respected authority on these issues. I think if you follow the information here that will help make your Z-11ProII much happier.

http://www.dxengineering.com/techarticles/balunsandfeedlinechokes/baluns-choosing-the-correct-balun

Mike, W3QT

On 2013-11-03 08:32, Furliips Stardust wrote:
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>> *Sent:* Thursday, October 31, 2013 8:51 AM
>> *To:* LDG-auto-tuners@yahoogroups.com
>> <mailto:LDG-auto-tuners@yahoogroups.com>
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6560. Re: [LDG-auto-tuners] Z-11 Pro II - not finding best match?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-11-03 15:42:48 UTC
From: Joe
Topic: 6524 Message: 6560

On 11/3/2013 10:32 AM, Mike Morrow, W3QT wrote:
>
> " ... you can make many, many contacts with ANYTHING.

How true. Back in the 1970's I was anxious to get back on the air after my military stint. I acquired an old Collins KWM2A and proceeded to tune it up to a dummy load. I was actually able to make a very local contact with another ham using just the dummy load. This gave me an idea. I put a tee connector between the rig and the dummy load and ran a piece of wire out the window and clipped it to the rain downspout. I made many contacts this way, but receive was definitely a compromise. The point is, it got me back on the air and making contacts.

If I had an LDG tuner back then I would have done a lot better!

73, Joe, K1ike

6561. Re: [LDG-auto-tuners] Z-11 Pro II - not finding best match?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-11-03 23:06:05 UTC
From: Hank Greeb
Topic: 6524 Message: 6561

Jeff:

Yup you have it right. I believe you're saying that SWR doesn't matter if you have low loss feeders.

If I sounded trite, its because this whole thread is easily answered by a peek at most any antenna manual, like my 1941 ARRL Antenna book (Volume 4) or the 2014 version - or most any version in between.

BTW., one can get a very good SWR at the transmitter end of any antenna of any length, on 160 through daylight, if there's 1000 feet of RG174 coaxial cable between the transmitter and the antenna.

There's a 1936 version of someone's antenna book (NOT the ARRL book) on the web someplace, which I downloaded. The specified lengths of feeders are chosen for ease of matching. However, in practice, almost any length of open wire feeder of 600 to 900 ohms (typical in those daze) could be loaded with the methods used in the 30's, and even in 1949 when my father got his license back after the war, and in 1951 when I was first licensed. We didn't worry too much about harmonic suppression, as long as one of those harmonics didn't bother military or commercial radio communications.

LDG makes it easy with their tuners - one doesn't even need to understand antenna and feedline theory unless one runs into some condition where the tuner won't match. Then the operator blames the tuner, and the manufacturer of the tuner, and doesn't even try to understand what is going on with the arrangement he or she cobbled together.

If a 9/1 balun works for you, FB OM, I'm not about to argue with results. But, please don't say that a 9/1 balun is a panacea for all cases where the LDG tuner doesn't find a good match.

72/73 de n8xx Hg
QRP >99.44% of the time

On 11/3/2013 8:32 AM, Furliips Stardust wrote:
>
>
> A continuous impedance vs a change in impedance.
>
> A: Source1 (SWR1) ================(Z1)============== Load1
> B: Source1 (SWR2) ------------(Z2)---------------=========(Z3)===== Load1
>
> Think about this for a moment. Source1 = 50 ohms. Load1 = 50 ohms.
> Z1 and Z3 = 50 ohm coax, and Z2 = 75 ohm coax.

>
> SWR1 NOT equal to SWR2
>
> Taking this a bit further:
> C. Source2 (9:1)==============(Z1)==================== Load2
> D. Source2 =======(Z2)==========(9:1)=====(Z1)========== Load2
> E. Source2 ==================(Z2)================(9:1) Load2
>
> Source2 = 50 ohms. Load2 = 450 ohms. Z1 = 450 line. Z2 = 50 ohm coax.
> And 9:1 = the balun.
>
> It reallly doesn't matter where you put the balun in the above
> example. The
> real difference comes with making Load2 NOT equal to Z1, and the resulting
> SWR causing loss in coax. (450 ohm window line is comparatively low loss.)
>
> For a given mismatch at the load, there will be more lose in E than
> there is
> in C.
>
> And now one step further:
> F. Source3 ======(Z1)=====(9:1)=============(Z2)======== Load3
> G. Source3 ======(Z1)=====(4:1)=============(Z2)======== Load3
>
> Source3 = 50 ohms. Load3 = 450 ohms. Z1 = 50 ohms Z2 = 450 ohms.
>
> In G you have an inherent mismatch of 2.25:1 Referring to example A
> and B above, you have a discontinuity in the transmission line
> impedance. You have a discontinuity in G just as well, if not more so.
>
> Since you're older than me, you should remember using a 102' doublet
> antennawith open wire line and a tuner. (Before they got rid of the
> tuner and terminated the open line directly to a piece of 50 ohm coax
> and called it the G5RV antenna.)
>
> The lengths of the doublet and feed line had a relationship that made
> for optimumtuning. Nor did they suggest using randomly chosen pieces
> of different feed line.
>
> In my case, I am running the classic '30s vintage 102' doublet antenna
> with 450ohm window line and an LDG Z11 Pro II tuner. Using a 4:1 balun
> it was fussy and would occasionally insist on retuning itself. Using a
> 9:1 balun it calmed down and tuned reliably.
>
> Jeff-1.0
> wa6fwi
>
>
>
> On Friday, November 1, 2013 8:47 PM, Hank Greeb <n8xx@...> wrote:

> Shucky durn. If I have a 400 ohm line and feed it from a 50 ohm
> source, and it has SWR=10, the LDG Z-11 may or may not be able to
> handle it. But, there ain't no "discontinuity" or "bump."" If the
> current or voltage limits for the Balun are NOT exceeded, the balun
> acts and a transformer and reduces both the reactive and resistive
> components by a factor of 4. Nothing more, nothing less.
>
> If the input impedance is outside the range of the Z-11 matching
> device, maybe you will do better with a 9/1 balun, or maybe you'll do
> better with a 1/1 balun. I find very few lengths of center fed
> antennae (when the center fed antenna is => 3/8 wavelength at the
> operating wavelength) plus length of 400 ohm window line (polyethylene
> insulated, with varying sizes and spacing of "windows") which are
> unsuitable if I use either a 4/1 or 1/1 balun. I always have 1 each
> of these in my "bag of trix. I don't use a Z-11, but one of the
> original Z-100 units.
>
> A bit of experimentation of the length of balanced feeders (either
> 300, 400, or 600 ohm nominal impedance) and use of either 4/1 or 1/1
> Balun will result in satisfactory match >99.44% of the time. At least
> that's been my experience over the past 4 years during which I've
> owned the ancient Z-100 tuner.
>
> I find the discussion a bit like the blind leading the blind. I
> suggest that folks get hold of most any version of the ARRL Antenna
> book or similar tome, read it, and then do some experimentation. The
> experimentation should be very useful.
>
> Expecting miracles to overcome the laws of physics is fruitless - it
> ain't gonna happen.
>
> 72/73 de n8xx Hg
> QRP >99.44% of the time
>
> p.s. one CAN burn up a LDG 4/1 voltage balun if the wrong choice of
> feedline and antenna length is made. We proved that during Field Day a
> couple years ago, but it was our own fault - we didn't take the time
> to figure out the impedance which was presented by a much shorter than
> usual feedline length with an antenna which I usually use at home.
>
> On 11/1/2013 9:22 AM, Furliips Stardust wrote:
>> Sigh.... 450 / 9 = 50
>> A 9:1 balun makes the 50 ohm coax look like a contiguous section of
>> feed line when used with 450 ohm ladder line.
>>
>> 450 / 4 = 112.5
>> This places a discontinuity in the feed line. I.e. a "bump"
>>
>> Jeff-1.0
>> wa6fwi

>>
>>
>> On Thursday, October 31, 2013 10:18 AM, Bill Aycock
>> <billaycock@...> <mailto:billaycock@...> wrote:
>> Jeff-
>> So, a 4:1 “Bump” is bad, but a 9:1 “Bump” is good? How does 1:1 do?
>>
>> Bill—W4BSG
>> *From:* Furliips Stardust <mailto:grendelair@...>
>> *Sent:* Thursday, October 31, 2013 8:51 AM
>> *To:* LDG-auto-tuners@yahoogroups.com
>> <mailto:LDG-auto-tuners@yahoogroups.com>
>> *Subject:* Re: [LDG-auto-tuners] Z-11 Pro II - not finding best match?
>>
>> What makes non-resonant antennas work and tuning simple is a
>> continuous piece of transmission line of a given impedance between
>> the antenna and the tuner without any introduced mismatches.
>>
>> Introducing a "bump" such as using a 4:1 balun between 50 ohm and 450
>> ohm transmission line is adding to the problem.
>>
>> Additionally using a 9:1 balun changes the "solution range" of the
>> tuner, and provides an easier match.
>>
>> Jeff-1.0
>> wa6fwi
>
>
>
>
>
>

6562. z100plus and ft857

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-11-04 11:38:04 UTC
From: prestonpetersen@sbcglobal.net
Topic: 6562 Message: 6562

I connected my 857d to the z100 plus including the Y-acc cable.
Their video show that by pushing the tune button, the rig is supposed to produce a carrier to start the tune process without having to hold down a straight key... that's not happening for me - I have to manually hold down the straight key to produce a carrier for the tuner to do it's thing. Is there a menu setting that I am missing?

6563. Re: [LDG-auto-tuners] z100plus and ft857

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-11-04 15:48:38 UTC
From: Art
Topic: 6562 Message: 6563

Have you tried using the mod " CW" and depressing the tune button ?

prestonpetersen@sbcglobal.net wrote:

>I connected my 857d to the z100 plus including the Y-acc cable.
>Their video show that by pushing the tune button, the rig is supposed to produce
>a carrier to start the tune process without having to hold down a straight
>key... that's not happening for me - I have to manually hold down the straight
>key to produce a carrier for the tuner to do it's thing. Is there a menu
>setting that I am missing?
>
>

6564. New group member and new LDG 100proII owner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-11-11 03:37:27 UTC
From: richarde_97
Topic: 6564 Message: 6564

Good evening to everyone.
I'm Rick, N8GGO and have been a ham since 1968.

About two years ago, I bought a new Yaesu FT-950 station with all the bells and whistles, but was never really happy, or content with the MFJ antenna tuner that I bought with the station.

Well, last week I finally corrected that situation by buying myself the LDG 100proII. With only time to play with the new tuner on Saturday evening, I wish I would have made this purchase a long time ago. I love the auto tune feature and the ability to "tweek" the settings when dealing with a difficult antenna.

I've had a couple of minor startup issues, but those were mostly due to some confussion of what I was reading in the manual (yes, I broke down and read the manual).

Anyway, I'm looking forward to reading the back posts on this group, and am open to hearing from any of you in the group that may have any tips and tricks for a new LDG user.

73,
Rick, N8GGO?

6565. RCA-14 Breakout Box

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-11-18 14:59:12 UTC
From: <k4swisscheese@...>
Topic: 6565 Message: 6565

I am trying to buy an LDG RCA-14 Breakout Box for my recently acquired TS-2000x. If you have one you would part with please email.

As an aside, I wonder why this product was discontinuted? I was vaguely aware it existed but didn't realize the utility it represented until researching for the TS-2000. It seems to me it was very reasonably priced; why did it go away?

Chuck K4SC

6566. Re: [LDG-auto-tuners] RCA-14 Breakout Box

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-11-18 21:47:41 UTC
From: Richard Solomon
Topic: 6565 Message: 6566

LDG seems to have done that a lot in the past.

The DWM-4 Wattmeter is a prime example.

73, Dick, W1KSZ

On 11/18/2013 7:59 AM, k4swisscheese@... wrote:
>
>
> I am trying to buy an LDG RCA-14 Breakout Box for my recently acquired
> TS-2000x. If you have one you would part with please email.
>
> As an aside, I wonder why this product was discontinuted? I was
> vaguely aware it existed but didn't realize the utility it represented
> until researching for the TS-2000. It seems to me it was very
> reasonably priced; why did it go away?
>
> Chuck K4SC
>
>
>
>

6567. Re: [LDG-auto-tuners] RCA-14 Breakout Box

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-11-18 22:12:45 UTC
From: Mike Penkas
Topic: 6565 Message: 6567

I searched around everywhere for one. I finally bought a dozen RCA jacks and building my own. New interest again with the ICOM IC-7100 that still uses 13 pin DIN for an interface.
Mike WA8EBM

Sent from my iPad

> On Nov 18, 2013, at 16:47, Richard Solomon <w1ksz@...> wrote:
>
> LDG seems to have done that a lot in the past.
>
> The DWM-4 Wattmeter is a prime example.
>
> 73, Dick, W1KSZ
>
>
>> On 11/18/2013 7:59 AM, k4swisscheese@... wrote:
>> I am trying to buy an LDG RCA-14 Breakout Box for my recently acquired TS-2000x. If you have one you would part with please email.
>>
>>
>>
>> As an aside, I wonder why this product was discontinuted? I was vaguely aware it existed but didn't realize the utility it represented until researching for the TS-2000. It seems to me it was very reasonably priced; why did it go away?
>>
>>
>>
>> Chuck K4SC
>>
>
>

6568. RE: RCA-14 Breakout Box

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-11-19 09:17:16 UTC
From: <ldgyahoo@...>
Topic: 6565 Message: 6568

Chuck,

This was discontinued once it reached a minimum amount of sales. We have a program here at LDG where we hire college students (not an internship for free) and they design small products (with supervision, of course) and get college credit toward their Electronics or Electrical Engineering degree.

Most of the time, there is little or no market for these products, but it helps the student with understanding the product development process. We've been doing this for over 10 years and many students have gone on to start their own companies.

It's our way of giving back while providing some small products to the market for a while.

Dwayne Kincaid
LDG

---In LDG-auto-tuners@yahoogroups.com, <k4swisscheese@yahoo.com> wrote:

I am trying to buy an LDG RCA-14 Breakout Box for my recently acquired TS-2000x. If you have one you would part with please email.

As an aside, I wonder why this product was discontinuted? I was vaguely aware it existed but didn't realize the utility it represented until researching for the TS-2000. It seems to me it was very reasonably priced; why did it go away?

Chuck K4SC

6569. RE: Re: [LDG-auto-tuners] RCA-14 Breakout Box

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-11-19 09:24:31 UTC
From: <ldgyahoo@...>
Topic: 6565 Message: 6569

Dick,

The DWM-4 was discontinued once LDG changed from direct sales to dealer sales (many years ago). Since the design required that each remote sensor be calibrated to the main display unit and there were three sensor options for each of the four ports, there was no way a dealer could carry this product "and" retain the high level of accuracy.

We contemplated a redesign to put the calibration parts in the sensor unit for a while. But by then, many other companies had copied (and some improved) the concept and it didn't make sense for us to continue on that path with such a diluted market.

Dwayne Kincaid
LDG

---In LDG-auto-tuners@yahoogroups.com, <w1ksz@earthlink.net> wrote:

LDG seems to have done that a lot in the past.

The DWM-4 Wattmeter is a prime example.

73, Dick, W1KSZ

On 11/18/2013 7:59 AM, k4swisscheese@yahoo.com mailto:k4swisscheese@yahoo.com wrote:

I am trying to buy an LDG RCA-14 Breakout Box for my recently acquired TS-2000x. If you have one you would part with please email.

As an aside, I wonder why this product was discontinuted? I was vaguely aware it existed but didn't realize the utility it represented until researching for the TS-2000. It seems to me it was very reasonably priced; why did it go away?

Chuck K4SC

6570. Re: [LDG-auto-tuners] RE: RCA-14 Breakout Box

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-11-19 09:25:30 UTC
From: i2jjr-hotmail.com
Topic: 6565 Message: 6570

Hi Dwayne,
>.... It's our way of giving back while providing some small
products to the market for a while.
I feel it is well done! I know some now good engineer here that did
similar tasks while students.
The most depend on the firm where they do this; but, if in a sound
environment , they grow good.
Just like the way some old ham did helmer to youngs want-to-be-ham ....
transmitting the spark!
73 es 51 Dwayne!
Augusto i2jjr

Il 19/11/2013 10.17, ldgyahoo@... ha scritto:
>
> Chuck,
>
>
> This was discontinued once it reached a minimum amount of sales. We
> have a program here at LDG where we hire college students (not an
> internship for free) and they design small products (with supervision,
> of course) and get college credit toward their Electronics or
> Electrical Engineering degree.
>
>
> Most of the time, there is little or no market for these products, but
> it helps the student with understanding the product development
> process. We've been doing this for over 10 years and many students
> have gone on to start their own companies.
>
>
> It's our way of giving back while providing some small products to the
> market for a while.
>
>
> Dwayne Kincaid
>
> LDG
>
>
>
> ---In LDG-auto-tuners@yahoogroups.com, <k4swisscheese@...> wrote:
>
> I am trying to buy an LDG RCA-14 Breakout Box for my recently acquired
> TS-2000x. If you have one you would part with please email.
>

> As an aside, I wonder why this product was discontinuted? I was
> vaguely aware it existed but didn't realize the utility it represented
> until researching for the TS-2000. It seems to me it was very
> reasonably priced; why did it go away?
>
> Chuck K4SC
>
>

6571. RE: RE: RCA-14 Breakout Box

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-11-19 13:45:42 UTC
From: <k4swisscheese@...>
Topic: 6565 Message: 6571

Thank you for the answer Dwayne. Fortunately for me I was offered a New In the Box RCA-14 by a list member and it is now on its way to me. I might add that I was reminded of the existence of the RCA-14 while surfing eBay. I noticed there are several individuals there who seem to be making a business of making and selling adaptor cables for various radios. I remember what a pain in the rear it was to make a cable years ago for my then new IC-746PRO and did not want to repeat the process with eyes and skills that are eight years older now. You may have made the right business decision though because I also checked to see if MFJ made such an item and it appears they don't. Since MFJ seems to make any kind of accessory that is conceivable, it probably speaks volumes that they don't make this. I'm looking forward to using the RCA-14 on several of my radios.

---In LDG-auto-tuners@yahoogroups.com, <ldgyahoo@...> wrote:

Chuck,

This was discontinued once it reached a minimum amount of sales. We have a program here at LDG where we hire college students (not an internship for free) and they design small products (with supervision, of course) and get college credit toward their Electronics or Electrical Engineering degree.

Most of the time, there is little or no market for these products, but it helps the student with understanding the product development process. We've been doing this for over 10 years and many students have gone on to start their own companies.

It's our way of giving back while providing some small products to the market for a while.

Dwayne Kincaid
LDG

---In LDG-auto-tuners@yahoogroups.com, <k4swisscheese@...> wrote:

I am trying to buy an LDG RCA-14 Breakout Box for my recently acquired TS-2000x. If you have one you would part with please email.

As an aside, I wonder why this product was discontinuted? I was vaguely aware it existed but didn't realize the utility it represented until researching for the TS-2000. It seems to me it was very reasonably priced; why did it go away?

Chuck K4SC

6572. Untuned freq (no pun intended)

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-11-19 17:42:38 UTC
From: <rclayp@...>
Topic: 6572 Message: 6572

Hi LDG,

I have an AT-ProII. I don't like using fully automatic as the chatter gets in the way of the initial ragchew which is generally the most important part of establishing a QSO. What I have been doing is in semi-auto mode I usually go slightly "off freq" and mash the tuner button on my IC-7000. When the autotuner has finished I jump back to the QSO freq and establish a connection.

After that long winded discription my question is does LDG use the last stored tune value?

Does it interpolate between tuned freqs?

Does it strictly only use "autotuned values" from autotuned freqs and if you move off that you get whatever the wire is.

Finally if I raise/lower/adjust my G5RV does it matter that much? Do I need to reset LDG memory?

Thanks and regards,
Rob Claypool
KB1WJC

6573. At-200 Pro 2 issue

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-11-20 03:12:24 UTC
From: <ke4cci@...>
Topic: 6573 Message: 6573

I have an end fed 88 ft wire fed into a 9:1 unun fed into the tuner by 50 ft of premium rg-8x. When I check the swr with my antenna analyzer it shows 6:1. The at-200 will not consistently tune this. Nine times out of ten it flashes twice and does not tune. Any help would greatly be appreciated. Low end of antenna is about 20 ft high end about 35 ft.

6574. RE: Untuned freq (no pun intended)

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-11-20 12:48:39 UTC
From: <mikelebron@...>
Topic: 6572 Message: 6574

Yes it stores that specific freq. in memory with the tune result... If your slightly off frequency the tuner if the Swr is lower than the threshold based on the closest tune will not initiate a retune. 1.7 is the default threshold. The tuner should maintain the fundamental bandwidth of the antenna. The frequency you initiate the tune will become the lowest Swr (should be) and now will become the center point of the range of your antenna...again your antennas bandwidth will determine how wide that range

6575. RE: Untuned freq (no pun intended)

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-11-20 12:50:18 UTC
From: <mikelebron@...>
Topic: 6572 Message: 6575

And yes...if you raise or lower your g5rv the feed point impedance will change thus affecting your Swr thus changing the tuners match... If the match is still below 1.7 then it will not initiate a retune..

---In LDG-auto-tuners@yahoogroups.com, <rclayp@...> wrote:

Hi LDG,

I have an AT-ProII. I don't like using fully automatic as the chatter gets in the way of the initial ragchew which is generally the most important part of establishing a QSO. What I have been doing is in semi-auto mode I usually go slightly "off freq" and mash the tuner button on my IC-7000. When the autotuner has finished I jump back to the QSO freq and establish a connection.

After that long winded discription my question is does LDG use the last stored tune value?

Does it interpolate between tuned freqs?

Does it strictly only use "autotuned values" from autotuned freqs and if you move off that you get whatever the wire is.

Finally if I raise/lower/adjust my G5RV does it matter that much? Do I need to reset LDG memory?

Thanks and regards,
Rob Claypool
KB1WJC

6576. RE: At-200 Pro 2 issue

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-11-22 02:58:44 UTC
From: <mikelebron@...>
Topic: 6573 Message: 6576

do you have a counterpoise on that end fed? Try grounding the tuner... it may work more consistantly... you may be getting RF into the processor... end feds are nasty with common mode.. grounding the tuner typically helps with those kinds of antennas.

---In LDG-auto-tuners@yahoogroups.com, <ke4cci@...> wrote:

I have an end fed 88 ft wire fed into a 9:1 unun fed into the tuner by 50 ft of premium rg-8x. When I check the swr with my antenna analyzer it shows 6:1. The at-200 will not consistently tune this. Nine times out of ten it flashes twice and does not tune. Any help would greatly be appreciated. Low end of antenna is about 20 ft high end about 35 ft.

6577. Re: At-200 Pro 2 issue

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-11-22 05:53:43 UTC
From: ae5mp
Topic: 6573 Message: 6577

If you haven't done so already, try a choke between the output of the 9:1 unun and the "50 ft of premium rg-8x". Make the choke from rolled up coax cable ('ugly balun' style) or place clip-on ferrite beads over the rg-8x where it connects to the 9:1 unun. Secure the ferrite beads with electric tape so they don't slide down the coax cable. You want to keep the ferrite beads as close to that unun as possible. My guess is you have unwanted RF from the unun onto the shield of the rg8x coax cable. If so, the preferred method is to stop that at the antenna end of a transmission line, not at the tuner/transceiver end.

Good luck with that end fed antenna project.

73's
Mike

--- In LDG-auto-tuners@yahoogroups.com, <ke4cci@...> wrote:
>
> I have an end fed 88 ft wire fed into a 9:1 unun fed into the tuner by 50 ft of premium rg-8x. When I check the swr with my antenna analyzer it shows 6:1. The at-200 will not consistently tune this. Nine times out of ten it flashes twice and does not tune. Any help would greatly be appreciated. Low end of antenna is about 20 ft high end about 35 ft.
>

6578. RE: At-200 Pro 2 issue

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-11-22 11:05:47 UTC
From: <ke4cci@...>
Topic: 6573 Message: 6578

Thanks for the ideas! I will report back!

---In ldg-auto-tuners@yahoogroups.com, <mikelebron@...> wrote:

do you have a counterpoise on that end fed? Try grounding the tuner... it may work more consistantly... you may be getting RF into the processor... end feds are nasty with common mode.. grounding the tuner typically helps with those kinds of antennas.

---In LDG-auto-tuners@yahoogroups.com, <ke4cci@...> wrote:

I have an end fed 88 ft wire fed into a 9:1 unun fed into the tuner by 50 ft of premium rg-8x. When I check the swr with my antenna analyzer it shows 6:1. The at-200 will not consistently tune this. Nine times out of ten it flashes twice and does not tune. Any help would greatly be appreciated. Low end of antenna is about 20 ft high end about 35 ft.

6579. RE: At-200 Pro 2 issue

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-11-24 20:35:04 UTC
From: <mikelebron@...>
Topic: 6573 Message: 6579

Don't make a ugly balun choke..it will add iductsnce and further throw off your impedance. Either use beads ... You will need about 7 of them of the 43 mix...or build or buy a guanella balun type which is more effective...end Feds that don't have a counter poise use the coax as the counterpoise...so don't choke it too close to the unun...I would suggest to choke it before it enters the structure...if you choke it too close you will impact performance....

---In ldg-auto-tuners@yahoogroups.com, <ke4cci@...> wrote:

Thanks for the ideas! I will report back!

---In ldg-auto-tuners@yahoogroups.com, <mikelebron@...> wrote:

do you have a counterpoise on that end fed? Try grounding the tuner... it may work more consistantly... you may be getting RF into the processor... end feds are nasty with common mode.. grounding the tuner typically helps with those kinds of antennas.

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6580. Z100Plus with Pegasus

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-11-25 19:29:04 UTC
From: <ag4hg@...>
Topic: 6580 Message: 6580

I want to use my Z100Plus with my Tentec Pegasus. Is there an interface for this purpose?

6581. RE: At-200 Pro 2 issue

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-11-26 01:51:34 UTC
From: <ke4cci@...>
Topic: 6573 Message: 6581

I can put a counter poise on it, I am looking into the beads also. It's supposed to be rainy snowy the next few days. Plenty of time to think about I. Thanks so much for the replies.

---In ldg-auto-tuners@yahoogroups.com, <mikelebron@...> wrote:

Don't make a ugly balun choke..it will add iductsnce and further throw off your impedance. Either use beads ... You will need about 7 of them of the 43 mix...or build or buy a guanella balun type which is more effective...end Feds that don't have a counter poise use the coax as the counterpoise...so don't choke it too close to the unun...I would suggest to choke it before it enters the structure...if you choke it too close you will impact performance....

---In ldg-auto-tuners@yahoogroups.com, <ke4cci@...> wrote:

Thanks for the ideas! I will report back!

---In ldg-auto-tuners@yahoogroups.com, <mikelebron@...> wrote:

do you have a counterpoise on that end fed? Try grounding the tuner... it may work more consistantly... you may be getting RF into the processor... end feds are nasty with common mode.. grounding the tuner typically helps with those kinds of antennas.

---In LDG-auto-tuners@yahoogroups.com, <ke4cci@...> wrote:

I have an end fed 88 ft wire fed into a 9:1 unun fed into the tuner by 50 ft of premium rg-8x. When I check the swr with my antenna analyzer it shows 6:1. The at-200 will not consistently tune this. Nine times out of ten it flashes twice and does not tune. Any help would greatly be appreciated. Low end of antenna is about 20 ft high end about 35 ft.

6582. RE: RE: At-200 Pro 2 issue

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-11-27 16:15:34 UTC
From: <mikelebron@...>
Topic: 6573 Message: 6582

You have 3 options with an end fed:

1. Counterpoise attached directly to ground rod - poor performance but will get rid of all common mode
2. Counterpoise equal length (elevated)
3. No Counterpoise - the shield of the coax will become the counterpoise...
4. If the antenna is close to the ground you can put MANY radials going in different directions... though 1 elevated will probably be more efficient...

Put the beads right before it enters the building or shack... You may need more beads depending on the option you choose above.

GL...

---In LDG-auto-tuners@yahoogroups.com, <ke4cci@...> wrote:

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6583. Re: [LDG-auto-tuners] RE: At-200 Pro 2 issue

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-11-27 16:37:36 UTC
From: Charles Scott
Topic: 6573 Message: 6583

All:

Remember that some end-fed antennas, particularly the ones they claim don't require a counterpoise, present a high impedance at the feed point (i.e. 1/2 wave). The amount of reactance you need to provide sufficient isolation at that point is therefore much, much higher and a typical ugly balun, beads, and even commercial common-mode chokes may have limited or no effect.

If you want to provide isolation from your equipment you need the chokes at a lower impedance point along the transmission line some distance back from the feed point. If that's not near a 1/2 wave from the feed point, it will require much less reactance and a simple ugly balun or some ferrite chokes may do the job. But, of course, doing that can mess with the antenna feed-point impedance.

This is exactly why there is no such thing as an 1/2 wave end-fed antenna without a counterpoise. If you want to have a high impedance feed-point, you need another offsetting 1/2 (or multiple) wave element. If the feed point is well balanced, you might avoid some of this problem, but that may be hard to achieve.

Chuck - N8DNX

On 11/25/2013 8:51 PM, ke4cci@... wrote:
>
>
> I can put a counter poise on it, I am looking into the beads also.
> It's supposed to be rainy snowy the next few days. Plenty of time to
> think about I. Thanks so much for the replies.
>

6584. Re: At-200 Pro 2 issue

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-11-28 15:00:33 UTC
From: traburgess1945
Topic: 6573 Message: 6584

Here is a link to an antenna that I used early this year in the Texas State Parks On The Air event. I covered most of Texas and Louisiana with it with less than 5 watts SSB. Got great signal reports.

http://g0kya.blogspot.com/2009/02/w3edp-85-ft-end-fed.html

In case the reflector strips the link, search this: W3EDP 85-ft end-fed

Travis
K5HTB

--- In LDG-auto-tuners@yahoogroups.com, <mikelebron@...> wrote:
>
>
>
>
>
> You have 3 options with an end fed:
>
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> 1. Counterpoise attached directly to ground rod - poor performance but will get rid of all common mode
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>

6585. RB-1 Balun

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-11-28 17:09:29 UTC
From: <jwide@...>
Topic: 6585 Message: 6585

I have had a problem with the Z-100 not tuning. It is on the way back to LDG for repairs.I use the tuner with an RB-1 4:1 balun to match a 450 ohm ladder line fed antenna. I have since wondered if I should check the balun. How does one trouble shoot a balun? Jim, W4VJ

6586. Re: [LDG-auto-tuners] RB-1 Balun

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-11-29 01:30:38 UTC
From: Hank Greeb
Topic: 6585 Message: 6586

Remember, the 4/1 balun is an impedance transformer. The impedance at the input of the feeders can be almost anything, unless the antenna itself presents a load of 450 ohms resistive. I generally carry a 1/1 LDG balun because some times it provides a better match. Just because you have 400/450 ohm feedrs does NOT mean the output of the balun is looking at 400/450 ohms resistive.

And, it also helps to experiment with the length of the feeders, if you're planning to operate on multiple bands.

The best way to determine if one of the LDG baluns is working is to take the back off (there are four screws which hold it), and do the "smell test." If it smells or looks burned, the probability is very high that it has suffered from mismatch and overload.

72/73 de n8xx Hg
QRP >99.44% of the time

On 11/28/2013 12:09 PM, jwide@... wrote:
>
> I have had a problem with the Z-100 not tuning. It is on the way back
> to LDG for repairs.I use the tuner with an RB-1 4:1 balun to match a
> 450 ohm ladder line fed antenna. I have since wondered if I should
> check the balun. How does one trouble shoot a balun? Jim, W4VJ

6587. Re: [LDG-auto-tuners] RB-1 Balun

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-11-29 02:08:15 UTC
From: Bill Aycock
Topic: 6585 Message: 6587

Jim--
The simple way to check a 4:1 Balun is to connect a non-inductive 200 Ohm resistor across the high Impedance side and measure the impedance at the other side; it should be close to 50 Ohms.
However, your reason for using a 4:1 balun to connect to 450 Ohm ladder line are probably not valid. Just because the ladder line says “450 Ohm” on it has little bearing on the impedance at the end of the line. To know what the value really is, you need to do some measurements at the end of the line.
For checking the Balun and for other antenna measurements, you will need an antenna analyzer.
Bill—W4BSG

From: jwide@...
Sent: Thursday, November 28, 2013 11:09 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] RB-1 Balun

I have had a problem with the Z-100 not tuning. It is on the way back to LDG for repairs.I use the tuner with an RB-1 4:1 balun to match a 450 ohm ladder line fed antenna. I have since wondered if I should check the balun. How does one trouble shoot a balun? Jim, W4VJ

6588. Remoting the AT-1000 Pro II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-12-02 21:57:27 UTC
From: <kcirtap.eelneerg@...>
Topic: 6588 Message: 6588

I tried to send the folloing message to LDG using two addresses for them:

1. contact@ldgelectronics.com and

2. ldg@ldgelectronics.com

Both were undelivered. Any suggestions? zHere is the email. Any info on the topic or show of interest??

I read in the M-1000 meter manual table of contents that there was remoting info on page 8. I went to page 8 and fond the name of the document giving the remoting info for the AT-1000 Pro II. The document was said to be on the LDG web site. I can’t find it. Even if it has been “pulled” I would still like to read it if I may.

I am trying to learn as much as possible about the AT-1000 Pro II and any approaches that may lead to more fully featured remote operation as well as remoting the M-1000. I have come across a few hams interested in this and find a few mentions on the Yahoo LDG site. I have seen different approaches tried but I am not satisfied sufficiently to copy any of the work I have seen to date. Warranty considerations are not a major concern, just good engineering.

Any consideration would be greatly appreciated.

73,

Patrick AF5CK

6589. RE: Impression of LDG AT 1000 PRO II vs LDG AT 100 PRO II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-12-05 20:42:33 UTC
From: <k4ize-bw@...>
Topic: 6426 Message: 6589

I have just ordered a Yaesu FTdx3000, and already have the AT-1000 ProII. Can the FTdx3k control the AT? If so, what does the cable look like? I.E., I want to press tune on the xcvr with "Ext Tuner" set in the menus, and have the xcvr initiate tuning at a low power output. I will guess that if this can work with the earlier FT series, it will work with the FT3K. Is there a ready-made cable?

Thanks for any help es 73,

Bill - K4IZE
(New Member)

6590. RE: Impression of LDG AT 1000 PRO II vs LDG AT 100 PRO II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-12-07 12:45:53 UTC
From: <mikelebron@...>
Topic: 6426 Message: 6590

No way to control it... Ldg has never created a cable more is there a ready made one

6591. Re: Impression of LDG AT 1000 PRO II vs LDG AT 100 PRO II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-12-07 19:23:21 UTC
From: richarde_97
Topic: 6426 Message: 6591

Hi Bill,
I recently purchased and now use the LDG AT 100 pro ll with my Yaesu FT-950. These new tuners don't typically use interface cables, but are a easy to use as pressing the Mic key or start sending Morse and the tuner will handle the rest.
One note of caution is to make sure your rig has an auto power set-back if it senses a high SWR. The new Yaesu radios have this feature, including the FT-950. This feature will protect your finals during a full power tune, until the tuner gets your SWR down where it belongs.
Also, do not exceed the power rating of the tuner.
I hope this helps, and let us know how that new FT-3000 works for you.
73,
Rick, N8GGO.

--- In LDG-auto-tuners@yahoogroups.com, wrote:
>
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> Bill - K4IZE
> (New Member)
>

6592. RE: [LDG-auto-tuners] Re: Impression of LDG AT 1000 PRO II vs LDG AT 100 PRO II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-12-08 19:06:46 UTC
From: k4ize
Topic: 6426 Message: 6592

Thanks, guys. I am pleased to say that I got a response back from LDG within an hour or so of posting. It pleases me that customer service/tech support is so good.

The answer, however, was a simple “no”. I asked him to expand a bit, and he did. The AT-1k wants to see a “contact closure”, not a “signal”. The Yaesu radios use serial encoding on the mini-Din. The rest of the world uses the contact closure. My conclusion is that we will not see any progress on this issue.

The next question I have for myself is that since the FT-950/3000 have built-in “TUNE” function; I.E., the Tune button causes a 10W carrier to be sent, is there a way to get a suitable “switch” signal to the LDG. Even so, the signal is so short the LDG does not have time to complete the tune. I think I will have to be happy for now going to AM set to 10W, hit MOX, then the LDG Tune. Because I run a KW, I cannot leave the LDG in Auto. Or, if I can lengthen the time on for the tune cycle, that will work.

I will be looking into all this over time, and will update with any good finds. 73, es TNX AGN,

Bill – K4IZE

(BTW, I currently have the FT-950 with the AT-1000 Pro II, but going to the FTdx3k)

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of richarde_97
Sent: Saturday, December 07, 2013 2:23 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: Impression of LDG AT 1000 PRO II vs LDG AT 100 PRO II

Hi Bill,
I recently purchased and now use the LDG AT 100 pro ll with my Yaesu FT-950. These new tuners don't typically use interface cables, but are a easy to use as pressing the Mic key or start sending Morse and the tuner will handle the rest.
One note of caution is to make sure your rig has an auto power set-back if it senses a high SWR. The new Yaesu radios have this feature, including the FT-950. This feature will protect your finals during a full power tune, until the tuner gets your SWR down where it belongs.
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> Bill - K4IZE
> (New Member)
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This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

[Non-text portions of this message have been removed]

6593. Re: [LDG-auto-tuners] Re: Impression of LDG AT 1000 PRO II vs LDG AT 100 PRO II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-12-08 20:19:16 UTC
From: VE6LB
Topic: 6426 Message: 6593

I don’t know what logging program you use but I use Logger32 and have an FT9000 and an AT1000pro2.

I created a simple macro that: drops the power to 25 watts, puts the radio in RTTY mode and moves the TX frequency up 5 khz. When the macro is activated, have the AT1000 in semi mode ad press the tune button, usually a short press as most tuning solutions are in memory. After the tuning is done, I drop the tune macro (another macro) and the radio goes to CW at the original dial frequency at 100 watts.

73,
Gerry VE6LB/VA6XDX
DXCC, VUCC, WAS Card Checker-Southern Alberta
VE/VA6 QSL Bureau Team
(403) 251-0384
ve6lb@...
http://www.qsl.net/ve6lb/

From: k4ize
Sent: Sunday, December 08, 2013 12:06
To: LDG-auto-tuners@yahoogroups.com
Subject: RE: [LDG-auto-tuners] Re: Impression of LDG AT 1000 PRO II vs LDG AT 100 PRO II

Thanks, guys. I am pleased to say that I got a response back from LDG within an hour or so of posting. It pleases me that customer service/tech support is so good.

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I will be looking into all this over time, and will update with any good finds. 73, es TNX AGN,

Bill – K4IZE

(BTW, I currently have the FT-950 with the AT-1000 Pro II, but going to the FTdx3k)

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of richarde_97

Sent: Saturday, December 07, 2013 2:23 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: Impression of LDG AT 1000 PRO II vs LDG AT 100 PRO II

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> Bill - K4IZE
> (New Member)
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This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

[Non-text portions of this message have been removed]

6594. Re: [LDG-auto-tuners] Re: Impression of LDG AT 1000 PRO II vs LDG AT 100 PRO II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-12-08 21:04:40 UTC
From: VE6LB
Topic: 6426 Message: 6594

On my FT9000, The Band Data 2 socket has a "linear" pin. My guess is
that this goes to ground on TX.

Might help.

73, VE6LB

On 08/12/2013 1:19 PM, VE6LB wrote:
>
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> ve6lb@... <mailto:ve6lb@...>
> http://www.qsl.net/ve6lb/
> *From:* k4ize <mailto:k4ize-bw@...>
> *Sent:* Sunday, December 08, 2013 12:06
> *To:* LDG-auto-tuners@yahoogroups.com
> <mailto:LDG-auto-tuners@yahoogroups.com>
> *Subject:* RE: [LDG-auto-tuners] Re: Impression of LDG AT 1000 PRO II
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> Sent: Saturday, December 07, 2013 2:23 PM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: [LDG-auto-tuners] Re: Impression of LDG AT 1000 PRO II vs LDG
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> >
> >
> > Bill - K4IZE

> > (New Member)
> >
>
> ---
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>

--

73, Gerry VE6LB/VA6XDX
DXCC Card Checker- Southern Alberta
VE6 QSL Buro Team Member
http:www.qsl.net/ve6lb/

6595. RE: [LDG-auto-tuners] Re: Impression of LDG AT 1000 PRO II vs LDG AT 100 PRO II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-12-08 21:45:44 UTC
From: Leonard Pennock (AD7AS)
Topic: 6426 Message: 6595

While I haven't actually tried it with my 950 I believe you could use the linear jack to allow the LDG to command a carrier on. I believe the txreq line can be used aka the way a FT857 cable is made.
--
Leonard K. Pennock (AD7AS)

k4ize <k4ize-bw@...> wrote:

>Thanks, guys. I am pleased to say that I got a response back from LDG
>within an hour or so of posting. It pleases me that customer
>service/tech support is so good.
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>The answer, however, was a simple “no”. I asked him to expand a bit,
>and he did. The AT-1k wants to see a “contact closure”, not a “signal”.
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>The next question I have for myself is that since the FT-950/3000 have
>built-in “TUNE” function; I.E., the Tune button causes a 10W carrier to
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>Even so, the signal is so short the LDG does not have time to complete
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>10W, hit MOX, then the LDG Tune. Because I run a KW, I cannot leave the
>LDG in Auto. Or, if I can lengthen the time on for the tune cycle, that
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>I will be looking into all this over time, and will update with any
>good finds. 73, es TNX AGN,
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>
>Bill – K4IZE
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>(BTW, I currently have the FT-950 with the AT-1000 Pro II, but going to
>the FTdx3k)

>
>
>
>From: LDG-auto-tuners@yahoogroups.com
>[mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of richarde_97
>Sent: Saturday, December 07, 2013 2:23 PM
>To: LDG-auto-tuners@yahoogroups.com
>Subject: [LDG-auto-tuners] Re: Impression of LDG AT 1000 PRO II vs LDG
>AT 100 PRO II
>
>
>
>
>
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>One note of caution is to make sure your rig has an auto power set-back
>if it senses a high SWR. The new Yaesu radios have this feature,
>including the FT-950. This feature will protect your finals during a
>full power tune, until the tuner gets your SWR down where it belongs.
>Also, do not exceed the power rating of the tuner.
>I hope this helps, and let us know how that new FT-3000 works for you.
>73,
>Rick, N8GGO.
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>> (New Member)
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6596. RE: [LDG-auto-tuners] Re: Impression of LDG AT 1000 PRO II vs LDG AT 100 PRO II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-12-08 20:28:07 UTC
From: k4ize
Topic: 6426 Message: 6596

Great idea, Gerry. I use ACLog suite which I really love. I have not thought about macros. I will look into this when I get the FTdx3k installed – I think it has a simple macro program available on the Yaesu site. I am recovering from recent surgery and am not allowed to lift more than 10# so I guess it will be after the holidays before I get to swap out the radios. TNX es Happy Holidays,

Bill – K4IZE

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of VE6LB
Sent: Sunday, December 08, 2013 3:19 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] Re: Impression of LDG AT 1000 PRO II vs LDG AT 100 PRO II

I don’t know what logging program you use but I use Logger32 and have an FT9000 and an AT1000pro2.

I created a simple macro that: drops the power to 25 watts, puts the radio in RTTY mode and moves the TX frequency up 5 khz. When the macro is activated, have the AT1000 in semi mode ad press the tune button, usually a short press as most tuning solutions are in memory. After the tuning is done, I drop the tune macro (another macro) and the radio goes to CW at the original dial frequency at 100 watts.

73,
Gerry VE6LB/VA6XDX
DXCC, VUCC, WAS Card Checker-Southern Alberta
VE/VA6 QSL Bureau Team
(403) 251-0384

ve6lb@...

http://www.qsl.net/ve6lb/

From: k4ize <mailto:k4ize-bw@...>

Sent: Sunday, December 08, 2013 12:06

To: LDG-auto-tuners@yahoogroups.com

Subject: RE: [LDG-auto-tuners] Re: Impression of LDG AT 1000 PRO II vs LDG AT 100 PRO II

Thanks, guys. I am pleased to say that I got a response back from LDG within an hour or so of posting. It pleases me that customer service/tech support is so good.

The answer, however, was a simple “no”. I asked him to expand a bit, and he did. The AT-1k wants to see a “contact closure”, not a “signal”. The Yaesu radios use serial encoding on the mini-Din. The rest of the world uses the contact closure. My conclusion is that we will

not see any progress on this issue.

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I will be looking into all this over time, and will update with any good finds. 73, es TNX AGN,

Bill – K4IZE

(BTW, I currently have the FT-950 with the AT-1000 Pro II, but going to the FTdx3k)

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of richarde_97
Sent: Saturday, December 07, 2013 2:23 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: Impression of LDG AT 1000 PRO II vs LDG AT 100 PRO II

Hi Bill,
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One note of caution is to make sure your rig has an auto power set-back if it senses a high SWR. The new Yaesu radios have this feature, including the FT-950. This feature will protect your finals during a full power tune, until the tuner gets your SWR down where it belongs.
Also, do not exceed the power rating of the tuner.
I hope this helps, and let us know how that new FT-3000 works for you.
73,
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> Thanks for any help es 73,
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> Bill - K4IZE
> (New Member)
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6597. Re: [LDG-auto-tuners] Re: Impression of LDG AT 1000 PRO II vs LDG AT 100 PRO II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-12-09 16:08:54 UTC
From: VE6LB
Topic: 6426 Message: 6597

I can send you mine if that would help.

Gerry

On 08/12/2013 1:28 PM, k4ize wrote:
>
> Great idea, Gerry. I use ACLog suite which I really love. I have not
> thought about macros. I will look into this when I get the FTdx3k
> installed – I think it has a simple macro program available on the
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> Bill – K4IZE
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> From: LDG-auto-tuners@yahoogroups.com
> [mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of VE6LB
> Sent: Sunday, December 08, 2013 3:19 PM
> To: LDG-auto-tuners@yahoogroups.com
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> I created a simple macro that: drops the power to 25 watts, puts the
> radio in RTTY mode and moves the TX frequency up 5 khz. When the macro
> is activated, have the AT1000 in semi mode ad press the tune button,
> usually a short press as most tuning solutions are in memory. After
> the tuning is done, I drop the tune macro (another macro) and the
> radio goes to CW at the original dial frequency at 100 watts.
>
> 73,
> Gerry VE6LB/VA6XDX
> DXCC, VUCC, WAS Card Checker-Southern Alberta
> VE/VA6 QSL Bureau Team
> (403) 251-0384
>
> ve6lb@...
>
> http://www.qsl.net/ve6lb/
>
> From: k4ize <mailto:k4ize-bw@...>
>

> Sent: Sunday, December 08, 2013 12:06
>
> To: LDG-auto-tuners@yahoogroups.com
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> Subject: RE: [LDG-auto-tuners] Re: Impression of LDG AT 1000 PRO II vs
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--

73, Gerry VE6LB/VA6XDX
DXCC Card Checker- Southern Alberta
VE6 QSL Buro Team Member
http:www.qsl.net/ve6lb/

6598. Rt-100 vs z11 pro ii

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-12-09 22:16:36 UTC
From: Jim Snider
Topic: 6598 Message: 6598

Anything software wise different between these 2 tuners??? I have the s9 43 ft with a z11 pro ii with a bias tee feeding power to the base of the antenna.

Jim Snider W8BS
Sent from my iPhone

6599. RE: [LDG-auto-tuners] Re: Impression of LDG AT 1000 PRO II vs LDG AT 100 PRO II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-12-09 18:42:00 UTC
From: k4ize
Topic: 6426 Message: 6599

That would be nice of you, Gerry. I have plenty of time to get acquainted with it while I recover – something to do! I assume you mean via email. Please use my direct address as the Yahoo format does strange things…. TNX

Bill – K4IZE

K4ize-bw@...

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of VE6LB
Sent: Monday, December 09, 2013 11:09 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] Re: Impression of LDG AT 1000 PRO II vs LDG AT 100 PRO II

I can send you mine if that would help.

Gerry

On 08/12/2013 1:28 PM, k4ize wrote:

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Sent: Sunday, December 08, 2013 3:19 PM
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ve6lb@...

http://www.qsl.net/ve6lb/

From: k4ize <mailto:k4ize-bw@att.net> <mailto:k4ize-bw@...>

Sent: Sunday, December 08, 2013 12:06

To: LDG-auto-tuners@yahoogroups.com

Subject: RE: [LDG-auto-tuners] Re: Impression of LDG AT 1000 PRO II vs LDG AT 100 PRO II

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(BTW, I currently have the FT-950 with the AT-1000 Pro II, but going to the FTdx3k)

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Sent: Saturday, December 07, 2013 2:23 PM
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> (New Member)
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73, Gerry VE6LB/VA6XDX
DXCC Card Checker- Southern Alberta
VE6 QSL Buro Team Member
http:www.qsl.net/ve6lb/ <http://www.qsl.net/ve6lb/>

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6600. AT-11MP dead?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-12-14 17:35:11 UTC
From: <ygroups@...>
Topic: 6600 Message: 6600

I had an electrical storm hit a month ago. Lost NUMEROUS devices in the house and think the auto-tuner may have been overlooked on my first pass.

When I try to use it the forward power goes to 10watts when I know the radio and antenna are matched pretty well. I remove the auto-tuner and the radio output does not fold back. I suspect the tuner took a hit. Any quick troubleshooting tips from anyone?

73

6601. Re: [LDG-auto-tuners] AT-11MP dead?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-12-16 18:24:43 UTC
From: Albert Woodhull
Topic: 6600 Message: 6601

You should simplify the situation for testing. I hope you have a 50 ohm dummy load you know is good. It would be good also to have a couple of 2:1 or 3:1 dummy loads (100 ohms and 25 ohms, 150 ohms and 17 ohms). If you can throttle your rig down to just a couple of watts you can make these with resistors from Radio Shack, obviously if you don't have a low power option additional dummy loads will not be so easy to make.

73, Al

Albert S. Woodhull
Leyden, Massachusetts

From: "ygroups@..." <ygroups@...>
To: LDG-auto-tuners@yahoogroups.com
Sent: Saturday, December 14, 2013 12:35 PM
Subject: [LDG-auto-tuners] AT-11MP dead?

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73

6602. RE: [LDG-auto-tuners] AT-11MP dead?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-12-16 19:16:06 UTC
From: k4ize
Topic: 6600 Message: 6602

Check the coax jumpers – quick and easy to do.

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Albert Woodhull
Sent: Monday, December 16, 2013 1:25 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] AT-11MP dead?

You should simplify the situation for testing. I hope you have a 50 ohm dummy load you know is good. It would be good also to have a couple of 2:1 or 3:1 dummy loads (100 ohms and 25 ohms, 150 ohms and 17 ohms). If you can throttle your rig down to just a couple of watts you can make these with resistors from Radio Shack, obviously if you don't have a low power option additional dummy loads will not be so easy to make.

73, Al

Albert S. Woodhull
Leyden, Massachusetts

From: "ygroups@..." <ygroups@emailtim.us>
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73

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6603. AT-200 Pro Noise Question

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-12-21 14:19:44 UTC
From: Mike Carletta Sr
Topic: 6603 Message: 6603

I am a new member to Group.
Have a question that has been on my mind for a while.

When I insert my Tuner in line I see a 30 db jump in noise. Take it out and it disappears.

I originally had antennas that needed help in tuning but since I have improved them. That is how I can tell the difference.

The question is my AT 200Pro (2 years old , has been back to factory once already) not working properly?

I use a Flex 3000 into a beam and a dipole.Tuner in Flex does the tuning now.

--
Mike Carletta
K2OI
Rochester,NY 14624

6604. Re: [LDG-auto-tuners] AT-200 Pro Noise Question

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-12-22 15:51:28 UTC
From: cscott@...
Topic: 6603 Message: 6604

Mike:

Try this. Put your tuner into bypass mode and note the noise level. Now disconnect the power connector to the tuner and note the noise level. Finally, disconnect the radio control line and note the noise level. (Do this with the antenna cables connected to the tuner.)

Does the noise level decrease as you disconnect the power and control lines? If so, then it's a design problem that's common with many of the LDG tuners. I can explain further if this is what you're seeing.

Chuck - N8DNX

----- Original Message -----

From: "Mike Carletta Sr" >;mike.carletta@...>

Sent: Sat, December 21, 2013 9:19

Subject: [LDG-auto-tuners] AT-200 Pro Noise Question

I am a new member to Group.
Have a question that has been on my mind for a while.

When I insert my Tuner in line I see a 30 db jump in noise. Take it out and it disappears.

I originally had antennas that needed help in tuning but since I have improved them. That is how I can tell the difference.

The question is my AT 200Pro (2 years old , has been back to factory once already) not working properly?

I use a Flex 3000 into a beam and a dipole.Tuner in Flex does the tuning now.

--

Mike Carletta
K2OI
Rochester,NY 14624

6605. Re: [LDG-auto-tuners] AT-200 Pro Noise Question

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-12-22 16:09:30 UTC
From: Craig
Topic: 6603 Message: 6605

Every LDG tuner that I know of, battery powered or external D.C. powered, the CPU is either turned off or goes to sleep when not transmitting, so it may be possible that the tuner is defective?

Craig

On Dec 22, 2013, at 10:51 AM, cscott@... wrote:

>
>
> Mike:
>
> Try this. Put your tuner into bypass mode and note the noise level. Now disconnect the power connector to the tuner and note the noise level. Finally, disconnect the radio control line and note the noise level. (Do this with the antenna cables connected to the tuner.)
>
> Does the noise level decrease as you disconnect the power and control lines? If so, then it's a design problem that's common with many of the LDG tuners. I can explain further if this is what you're seeing.
>
> Chuck - N8DNX
>
>
>
> ----- Original Message -----
> From: "Mike Carletta Sr" <mike.carletta@...>
> Sent: Sat, December 21, 2013 9:19
> Subject: [LDG-auto-tuners] AT-200 Pro Noise Question
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> Have a question that has been on my mind for a while.
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> The question is my AT 200Pro (2 years old , has been back to factory once already) not working properly?
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> I use a Flex 3000 into a beam and a dipole.Tuner in Flex does the tuning now.
>

> --
> Mike Carletta
> K2OI
> Rochester,NY 14624
>
>
>
>
>

6606. Re: [LDG-auto-tuners] AT-200 Pro Noise Question

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-12-22 17:29:02 UTC
From: cscott@...
Topic: 6603 Message: 6606

Craig:

I don't believe his noise is coming from the tuner CPU. Most likely coming from something nearby. Many LDG tuners are actually quite susceptible to noise coming in on the power and control lines. I think that's what he's getting.

Chuck - N8DNX

----- Original Message -----

From: "Craig" >;cpu_nut@...>

Sent: Sun, December 22, 2013 11:09

Subject: Re: [LDG-auto-tuners] AT-200 Pro Noise Question

Every LDG tuner that I know of, battery powered or external D.C. powered, the CPU is either turned off or goes to sleep when not transmitting, so it may be possible that the tuner is defective?

Craig

6607. Re: [LDG-auto-tuners] AT-200 Pro Noise Question

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-12-22 18:36:46 UTC
From: Craig
Topic: 6603 Message: 6607

Okay on that Chuck. It will be interesting when we learn more.

73, Craig

On Dec 22, 2013, at 12:29 PM, cscott@... wrote:

>
>
> Craig:
>
> I don't believe his noise is coming from the tuner CPU. Most likely coming from something nearby. Many LDG tuners are actually quite susceptible to noise coming in on the power and control lines. I think that's what he's getting.
>
> Chuck - N8DNX
>
> ----- Original Message -----
> From: "Craig" <cpu_nut@...>
> Sent: Sun, December 22, 2013 11:09
> Subject: Re: [LDG-auto-tuners] AT-200 Pro Noise Question
>
>
>
> Every LDG tuner that I know of, battery powered or external D.C. powered, the CPU is either turned off or goes to sleep when not transmitting, so it may be possible that the tuner is defective?
>
> Craig
>
>
>
>

6608. Re: [LDG-auto-tuners] AT-200 Pro Noise Question

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-12-22 19:39:33 UTC
From: Art Galvez
Topic: 6603 Message: 6608

I am very interested to know what the answer is as well. I have it powered from my Astron 35A power supply,and I also have the20 amp that I tryed with the same results.
  My LDG AT-1000 PRO11 has been noisy since the first day I put it in line, When I put it in BY-PASS, the noise goes away.
  This however is most prominent on 75/80 and 40 meters.
 Thanks,
73 es Happy Holiday's,
Art

On Sunday, December 22, 2013 10:36 AM, Craig <cpu_nut@...> wrote:

Okay on that Chuck. It will be interesting when we learn more.

73, Craig

On Dec 22, 2013, at 12:29 PM, cscott@... wrote:

Craig:
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>I don't believe his noise is coming from the tuner CPU. Most likely coming from something nearby. Many LDG tuners are actually quite susceptible to noise coming in on the power and control lines. I think that's what he's getting.
>
>
>Chuck - N8DNX
>
>
>----- Original Message -----
>From: "Craig" <cpu_nut@...>
>Sent: Sun, December 22, 2013 11:09
>Subject: Re: [LDG-auto-tuners] AT-200 Pro Noise Question
>
>
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>
>Every LDG tuner that I know of, battery powered or external D.C. powered, the CPU is either turned off or goes to sleep when not transmitting, so it may be possible that the tuner is defective?
>
>
>Craig
>
>

6609. RE: [LDG-auto-tuners] AT-200 Pro Noise Question

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-12-22 21:44:56 UTC
From: k4ize
Topic: 6603 Message: 6609

Mike,

From your description, there seems to be just two probabilities - the tuner could have gone bad; or, the coax jumpers have an open or short. Putting the tuner inline required an additional jumper. Try changing that out first. I don't have the LDG 200, but it should have a bypass setting. If you lose the noise in bypass, but have it in tune, then the tuner becomes the culprit. Good luck with it. 73,

Bill - K4IZE

From: LDG-auto-tuners@yahoogroups.com
[mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Mike Carletta Sr
Sent: Saturday, December 21, 2013 9:20 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] AT-200 Pro Noise Question

I am a new member to Group.

Have a question that has been on my mind for a while.

When I insert my Tuner in line I see a 30 db jump in noise. Take it out and it disappears.

I originally had antennas that needed help in tuning but since I have improved them. That is how I can tell the difference.

The question is my AT 200Pro (2 years old , has been back to factory once already) not working properly?

I use a Flex 3000 into a beam and a dipole.Tuner in Flex does the tuning now.

--
Mike Carletta

K2OI

Rochester,NY 14624

This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

[Non-text portions of this message have been removed]

6610. Re: [LDG-auto-tuners] AT-200 Pro Noise Question

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-12-23 14:43:28 UTC
From: Craig
Topic: 6603 Message: 6610

If you have a mismatched antenna, the background noise will become less when the tuner is in bypass since you no longer have the benefit of the tuner providing a proper match.

73, Craig

On Dec 22, 2013, at 2:39 PM, Art Galvez <wa7ag@...> wrote:

>
>
> I am very interested to know what the answer is as well. I have it powered from
> my Astron 35A power supply,and I also have the20 amp that I tryed with the same results.
> My LDG AT-1000 PRO11 has been noisy since the first day I put it in line,
> When I put it in BY-PASS, the noise goes away.
> This however is most prominent on 75/80 and 40 meters.
> Thanks,
> 73 es Happy Holiday's,
> Art
>
>
>
>
> On Sunday, December 22, 2013 10:36 AM, Craig <cpu_nut@...> wrote:
> Okay on that Chuck. It will be interesting when we learn more.
>
> 73, Craig
>
> On Dec 22, 2013, at 12:29 PM, cscott@... wrote:
>
>> Craig:
>>
>> I don't believe his noise is coming from the tuner CPU. Most likely coming from something nearby. Many LDG tuners are actually quite susceptible to noise coming in on the power and control lines. I think that's what he's getting.
>>
>> Chuck - N8DNX
>>
>> ----- Original Message -----
>> From: "Craig" <cpu_nut@...>
>> Sent: Sun, December 22, 2013 11:09
>> Subject: Re: [LDG-auto-tuners] AT-200 Pro Noise Question
>>
>>
>>
>> Every LDG tuner that I know of, battery powered or external D.C. powered, the CPU is either turned off or goes to sleep when not transmitting, so it may be possible that the tuner is defective?

>>
>> Craig
>
>
>
>
>
>

6611. Re: [LDG-auto-tuners] AT-200 Pro Noise Question

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-12-23 15:12:59 UTC
From: Joe
Topic: 6603 Message: 6611

Great observation! Now, if he takes the antenna coax off and the noise
is still present, it is the tuner.

73, Joe, K1ike

On 12/23/2013 9:43 AM, Craig wrote:
> If you have a mismatched antenna, the background noise will become
> less when the tuner is in bypass since you no longer have the benefit
> of the tuner providing a proper match.
>
> 73, Craig
>

6612. Re: [LDG-auto-tuners] AT-200 Pro Noise Question

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-12-23 15:19:14 UTC
From: Charles Scott
Topic: 6603 Message: 6612

Art:

That may be expected. What kind of antenna are you using it with on 75-40? If the antenna isn't resonant, then there will be more receive signal to your receiver after the tuner has provided a match solution. More signal means more noise, and the lower bands generally have more noise anyway. The received signals should also increase in proportion to the noise in this case. In bypass mode there's no match to the antenna, so less power transfer of received signals to your receiver.

Chuck - N8DNX

On 12/22/2013 2:39 PM, Art Galvez wrote:
>
>
> I am very interested to know what the answer is as well. I have it
> powered from
> my Astron 35A power supply,and I also have the20 amp that I tryed with
> the same results.
> My LDG AT-1000 PRO11 has been noisy since the first day I put it in
> line,
> When I put it in BY-PASS, the noise goes away.
> This however is most prominent on 75/80 and 40 meters.
> Thanks,
> 73 es Happy Holiday's,
> Art

6613. Re: [LDG-auto-tuners] AT-200 Pro Noise Question

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-12-23 15:25:12 UTC
From: Mike Carletta Sr
Topic: 6603 Message: 6613

Santa's Helpers,

First off thank you all for your comments.

My layout to be exact is: 4 antenna's> 4 way switch> AT-200 Pro 11> Flex 3000. system is well grounded.
Here are the results of todays testing:

Freq 80 Meters SWR 1.2;1 Noise level -110 db OFC dipole up 30 ft rig tuner in by-pass, no snow or ice present
Removed:
1) tuner in by-pass -120 db via tune button red LED on for By-Pass
2) no power -140 db power plug removed
3) no ant -140 db removed lead from ant switch

Mu question is the same. Why the difference (-140 db - -110db= 30 db) difference?

Difference varies with band and time of day. This variant is the problem. Going back I often can not repeat my findings.

Seems to me like Tuner has amplifier stage..or possible component is going out of tolerance?

Chuck N8DNX

On Mon, Dec 23, 2013 at 9:43 AM, Craig <cpu_nut@...> wrote:

>
>
> If you have a mismatched antenna, the background noise will become less
> when the tuner is in bypass since you no longer have the benefit of the
> tuner providing a proper match.
>
> 73, Craig
>
> On Dec 22, 2013, at 2:39 PM, Art Galvez <wa7ag@...> wrote:
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> I am very interested to know what the answer is as well. I have it powered
> from
> my Astron 35A power supply,and I also have the20 amp that I tryed with the
> same results.
> My LDG AT-1000 PRO11 has been noisy since the first day I put it in line,
> When I put it in BY-PASS, the noise goes away.
> This however is most prominent on 75/80 and 40 meters.
> Thanks,

> 73 es Happy Holiday's,
> Art
>
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>
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> On Sunday, December 22, 2013 10:36 AM, Craig <cpu_nut@...> wrote:
>
> Okay on that Chuck. It will be interesting when we learn more.
>
> 73, Craig
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> On Dec 22, 2013, at 12:29 PM, cscott@... wrote:
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> Craig:
>
> I don't believe his noise is coming from the tuner CPU. Most likely coming
> from something nearby. Many LDG tuners are actually quite susceptible <https://www.googl
e.com/search?client=firefox-a&hs=308&rls=org.mozilla:en-US:official&q=susceptible&spell=1&
sa=X&ei=3B-3Uo6mI-GdyQHJ4IC4Aw&ved=0CCoQvwUoAA>to
> noise coming in on the power and control lines. I think that's what he's
> getting.
>
> Chuck - N8DNX
>
> *----- Original Message -----*
> *From:* "Craig" <cpu_nut@...>
> *Sent:* Sun, December 22, 2013 11:09
> *Subject:* Re: [LDG-auto-tuners] AT-200 Pro Noise Question
>
>
>
> Every LDG tuner that I know of, battery powered or external D.C. powered,
> the CPU is either turned off or goes to sleep when not transmitting, so it
> may be possible that the tuner is defective?
>
> Craig
>
>
>
>
>

--
Mike Carletta
Carletta Realty
30 Emerald Pt
Rochester,NY 14624
585 594 4697

6614. RE: [LDG-auto-tuners] AT-200 Pro Noise Question

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-12-23 18:49:56 UTC
From: k4ize
Topic: 6603 Message: 6614

OK, this is dumb… but I've been known to say/do dumb things before. I have had my LDG-1000 switch to Ant-2 when I would swear I didn't touch it. Craig's description is what I saw. I suggest you find some kind of signal on one of the suspect bands and carefully note the strength/noise in Bypass; then Tuned, then in Ant-1 and Ant-2. Maybe straight into the XCVR as well. Since you do not need to xmit, try placing a 50-Ohm resistor across the Ant-in to the tuner. Make a simple chart of the results as you go. Put it in a msg and let all us would-be experts look it over. My apologies if the LDG-200 is totally different. Just ignore me.

One final thought then I will shut up. Try powering the TUNER ONLY off a battery. Switching pwr supplies are famous for their noise.

I'll be quiet now… Good luck with this. 73,

Bill – K4IZE

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@...m] On Behalf Of Joe
Sent: Monday, December 23, 2013 10:13 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] AT-200 Pro Noise Question

Great observation! Now, if he takes the antenna coax off and the noise
is still present, it is the tuner.

73, Joe, K1ike

On 12/23/2013 9:43 AM, Craig wrote:
> If you have a mismatched antenna, the background noise will become
> less when the tuner is in bypass since you no longer have the benefit
> of the tuner providing a proper match.
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> 73, Craig
>

This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

[Non-text portions of this message have been removed]

6615. Re: [LDG-auto-tuners] AT-200 Pro Noise Question

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-12-23 16:20:25 UTC
From: Art Galvez
Topic: 6603 Message: 6615

The antenna that I'm using for all bands 75-10 meters is a "Home Brewed"
wire dipole horizontal configuration,that is about 20 feet off the ground , and is laying
on my 3 tab single roof { due to antenna antenna restrictions } .
  I have used MFJ tuners in the past,and didn't notice the noise until after putting
and LDG AT 200 in line,and this past year replaced that LDG 200
with an LDG AT1000PRO11 .
  The dipole is resonant on 75-40 { 2 sets of wire }, and 20 meters .
  The LDG AT1000PRO11 lets me use the wires from 75/80 to 10 meters ,
 since putting the 1000Pro11 in line ,with good signal reports . I have worked
around the world on digital modes with no more than 30 watts outs, { if that makes a
difference,just thought I'd throw that in }.
  Don't get me wrong,I really like the LDG products,I was just wondering about the noise
on 75 and 40 meters .
  73, Merry Christmas everyone,
Art

On Monday, December 23, 2013 7:19 AM, Charles Scott <cscott@...> wrote:

Art:

That may be expected. What kind of antenna are you using it with on
75-40? If the antenna isn't resonant, then there will be more
receive signal to your receiver after the tuner has provided a match
solution. More signal means more noise, and the lower bands
generally have more noise anyway. The received signals should also
increase in proportion to the noise in this case. In bypass mode
there's no match to the antenna, so less power transfer of received
signals to your receiver.

Chuck - N8DNX

On 12/22/2013 2:39 PM, Art Galvez wrote:

I am very interested to know what the answer is as well. I have it powered from
>my Astron 35A power supply,and I also have the20 amp that I
tryed with the same results.
> My LDG AT-1000 PRO11 has been noisy since the first day I put
it in line,
>When I put it in BY-PASS, the noise goes away.
> This however is most prominent on 75/80 and 40 meters.
> Thanks,
>73 es Happy Holiday's,
>Art

6616. Re: [LDG-auto-tuners] AT-200 Pro Noise Question

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-12-23 22:50:45 UTC
From: Hank Greeb
Topic: 6603 Message: 6616

You're missing at least one data point. Take the tuner completely out of the circuit. Use a barrel connector or similar to connect where the tuner is located.

Measure the noise, compare it to the noise with the tuner connected.

That will tell you if it's something happening inside the tuner, or if it's a quirk in your setup.

Another troubleshooting trick would be to find a local ham who operates on the same bands as you, arrange to visit his shack, install your tuner, and see if the results are similar. That could tell if something in your particular setup is amiss, and/or pinpoint the problem to something within the tuner. Diagnosing such a problem from afar, using this forum, is often helpful, but local help is generally orders of magnitude more useful.

To answer your first question. All electronic circuits are subject to defects. You didn't say if the LDG tuner was new out of the box, still in warantee or whether you picked it up at a hamfest, or someone gave it to you with a known defect. In all the above possibities, the answer is "Yes, it could be a defective tuner."

72/73 de n8xx Hg
QRP >99.44% of the time

On 12/23/2013 10:25, Mike Carletta Sr wrote:
>
>
> Santa's Helpers,
>
> First off thank you all for your comments.
>
> My layout to be exact is: 4 antenna's> 4 way switch> AT-200 Pro 11>
> Flex 3000. system is well grounded.
> Here are the results of todays testing:
>
> Freq 80 Meters SWR 1.2;1 Noise level -110 db OFC dipole up 30 ft
> rig tuner in by-pass, no snow or ice present
> Removed:
> 1) tuner in by-pass -120 db via tune button red LED on
> for By-Pass
> 2) no power -140 db power plug removed
> 3) no ant -140 db removed lead from ant
> switch
>

> Mu question is the same. Why the difference (-140 db - -110db= 30 db)
> difference?
>
> Difference varies with band and time of day. This variant is the
> problem. Going back I often can not repeat my findings.
>
> Seems to me like Tuner has amplifier stage..or possible component is
> going out of tolerance?
>
> Chuck N8DNX
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> On Mon, Dec 23, 2013 at 9:43 AM, Craig <cpu_nut@...
> <mailto:cpu_nut@...>> wrote:
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> If you have a mismatched antenna, the background noise will become
> less when the tuner is in bypass since you no longer have the
> benefit of the tuner providing a proper match.
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> 73, Craig
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> On Dec 22, 2013, at 2:39 PM, Art Galvez <wa7ag@...
> <mailto:wa7ag@...>> wrote:
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>> My LDG AT-1000 PRO11 has been noisy since the first day I put
>> it in line,
>> When I put it in BY-PASS, the noise goes away.
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>>> I don't believe his noise is coming from the tuner CPU. Most
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>>> actually quite susceptible *//*
>>> <https://www.google.com/search?client=firefox-a&hs=308&rls=org.mozilla:en-US:official&
q=susceptible&spell=1&sa=X&ei=3B-3Uo6mI-GdyQHJ4IC4Aw&ved=0CCoQvwUoAA>to
>>> noise coming in on the power and control lines. I think that's
>>> what he's getting.
>>> Chuck - N8DNX
>>> *----- Original Message -----*
>>> *From:* "Craig" <cpu_nut@... <mailto:cpu_nut@...>>
>>> *Sent:* Sun, December 22, 2013 11:09
>>> *Subject:* Re: [LDG-auto-tuners] AT-200 Pro Noise Question
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>>> Every LDG tuner that I know of, battery powered or external D.C.
>>> powered, the CPU is either turned off or goes to sleep when not
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>>> Craig
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> --
> Mike Carletta
> Carletta Realty
> 30 Emerald Pt
> Rochester,NY 14624
> 585 594 4697
>

6617. Re: [LDG-auto-tuners] AT-200 Pro Noise Question

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-12-24 00:35:38 UTC
From: cscott@...
Topic: 6603 Message: 6617

Mike:

Your numbers could mean a couple of things. One is that on 80 Meters you may just have a -110 dBm noise level with that antenna when it's tuned since it dropped to -120 when you went to bypass mode.

The other thing is that you went down another 20 dB when you pulled the power cord from the tuner. If the tuner is working correctly, this shouldn't happen. This difference may very well be due to common-mode noise entering the tuner via the power connector. The reason this can happen is that LDG has decided to isolate the control section ground from the RF section ground in many of their tuners. The picture below (if it makes it through the mail list) shows a jumper between the section grounds with a ferrite choke over it. (The picture is not from an AT-200 but will give you the idea.)

The problem with this is that it allows RF noise to enter on the power and control connectors and that RF can then be radiated inside the case by the entire control section of the board. Since the control and RF sections are intermingled on the board, there's plenty of opportunity for coupling of this noise to RF paths inside the tuner. As a result, if you have noisy devices in the area of your equipment, like a computer, some of that noise will likely end up injected into your signal path inside the tuner.

In our case, we had several LDG tuners operating in noisy environments with lots of computers and other equipment nearby, but in one particular case the antenna was several hundred feet away. Simply pulling the power connector (while in bypass) dropped the noise way down at that location. I replaced the choked jumper with just a straight wire and that pretty much eliminated all that extra noise. Doing the same made a couple S-Unit difference at the other locations.

I frankly don't understand why they built them this way, but it's pretty clear doing so is allowing noise around the shack to get into the tuner and into the user's receiver. In many cases I suspect the noise caused by this is below the noise level people see from their antennas, but those who are running computers or other noisy devices around their radios may see more of a problem.

So, that's where I think you are. If you check the higher bands, you might find that pulling the power connector will have a greater improvement. For 80 meters at your location, it may not really make much difference due to the higher noise coming in from your antenna, which varies with conditions (as you seem to report).

Chuck - N8DNX

----- Original Message -----

From: "Mike Carletta Sr" >;mike.carletta@...>

Sent: Mon, December 23, 2013 10:25

Subject: Re: [LDG-auto-tuners] AT-200 Pro Noise Question

Santa's Helpers,

First off thank you all for your comments.

My layout to be exact is: 4 antenna's> 4 way switch> AT-200 Pro 11> Flex 3000. system is well grounded.
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Freq 80 Meters SWR 1.2;1 Noise level -110 db OFC dipole up 30 ft rig tuner in by-pass, no snow or ice present
Removed:
1) tuner in by-pass -120 db via tune button red LED on for By-Pass
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Mu question is the same. Why the difference (-140 db - -110db= 30 db) difference?

Difference varies with band and time of day. This variant is the problem. Going back I often can not repeat my findings.

Seems to me like Tuner has amplifier stage..or possible component is going out of tolerance?

6618. IT-100 4 red lights

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-12-24 08:27:15 UTC
From: <jcp@...>
Topic: 6618 Message: 6618

So I have an IT-100 that i've been using for a couple months with my IC-7600 to tun a G5RVMax antenna across all bands. Worked great till now.

Today i start getting 4 red leds "No RF detected" and no tuning operation. I tried replacing the feedline between radio and the tuner - no change.

I'm thinking that something in the tuner went bad as the radio will tune the antenna itself with its internal tuner (on a subset of the bands) and everything works with the tuner not in the loop.

IS this just a send it back situation? (I asked this question on reddit and someone suggested the tuner's memories being "full" might cause this and i should reset it, but i dont know how to do that.)

'73 de n3CKF

6619. Re: [LDG-auto-tuners] IT-100 4 red lights

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-12-24 13:26:10 UTC
From: Jim Lynch
Topic: 6618 Message: 6619

On 12/24/2013 03:27 AM, jcp@... wrote:
> Today i start getting 4 red leds "No RF detected" and no tuning
> operation. I tried replacing the feedline between radio and the tuner
> - no change.
>
I know this is a silly question but have you power cycled the tuner?

Jim.

6620. Re: [LDG-auto-tuners] AT-200 Pro Noise Question

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-12-24 15:30:10 UTC
From: Craig
Topic: 6603 Message: 6620

It's been a while since I've been under the hood of an AT-200 but does it use latching relays like the lower power tuners, or momentary relays like the AT-1000? If you can hear the relays click when you remove the DC power plug then they are momentary and might explain what you are seeing.

73 and Merry Christmas,

Craig

On Dec 23, 2013, at 10:25 AM, Mike Carletta Sr <mike.carletta@...> wrote:

>
>
> Santa's Helpers,
>
> First off thank you all for your comments.
>
> My layout to be exact is: 4 antenna's> 4 way switch> AT-200 Pro 11> Flex 3000. system is well grounded.
> Here are the results of todays testing:
>
> Freq 80 Meters SWR 1.2;1 Noise level -110 db OFC dipole up 30 ft rig tuner in by-pass, no snow or ice present
> Removed:
> 1) tuner in by-pass -120 db via tune button red LED on for By-Pass
> 2) no power -140 db power plug removed
> 3) no ant -140 db removed lead from ant switch
>
> Mu question is the same. Why the difference (-140 db - -110db= 30 db) difference?
>
> Difference varies with band and time of day. This variant is the problem. Going back I often can not repeat my findings.
>
> Seems to me like Tuner has amplifier stage..or possible component is going out of tolerance?
>
> Chuck N8DNX
>
>
>
> On Mon, Dec 23, 2013 at 9:43 AM, Craig <cpu_nut@...> wrote:
>>
>> If you have a mismatched antenna, the background noise will become less when the tuner is in bypass since you no longer have the benefit of the tuner providing a proper match.
>>
>> 73, Craig

>>
>> On Dec 22, 2013, at 2:39 PM, Art Galvez <wa7ag@...> wrote:
>>
>>> I am very interested to know what the answer is as well. I have it powered from
>>> my Astron 35A power supply,and I also have the20 amp that I tryed with the same
results.
>>> My LDG AT-1000 PRO11 has been noisy since the first day I put it in line,
>>> When I put it in BY-PASS, the noise goes away.
>>> This however is most prominent on 75/80 and 40 meters.
>>> Thanks,
>>> 73 es Happy Holiday's,
>>> Art
>>>
>>>
>>>
>>>
>>> On Sunday, December 22, 2013 10:36 AM, Craig <cpu_nut@...> wrote:
>>>
>>> Okay on that Chuck. It will be interesting when we learn more.
>>>
>>> 73, Craig
>>>
>>> On Dec 22, 2013, at 12:29 PM, cscott@... wrote:
>>>
>>>> Craig:
>>>>
>>>> I don't believe his noise is coming from the tuner CPU. Most likely coming from
something nearby. Many LDG tuners are actually quite susceptible to noise coming in on the
power and control lines. I think that's what he's getting.
>>>>
>>>> Chuck - N8DNX
>>>>
>>>> ----- Original Message -----
>>>> From: "Craig" <cpu_nut@...>
>>>> Sent: Sun, December 22, 2013 11:09
>>>> Subject: Re: [LDG-auto-tuners] AT-200 Pro Noise Question
>>>>
>>>>
>>>>
>>>> Every LDG tuner that I know of, battery powered or external D.C. powered, the CPU is
either turned off or goes to sleep when not transmitting, so it may be possible that the
tuner is defective?
>>>>
>>>> Craig
>
>
>
> --
> Mike Carletta
> Carletta Realty

> 30 Emerald Pt
> Rochester,NY 14624
> 585 594 4697
>
>
>

6621. RE: IT-100 4 red lights

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-12-24 18:13:03 UTC
From: <jcp@...>
Topic: 6618 Message: 6621

So i figured this out and its fixed.

Turns out, i was using Ham Radio Deluxe to do some Digital modes and it has a slider marked "Drive" which had gotten turned down (when i meant to turn down RF Power).

That sets something in the radio that causes it not to generate very much power when the TUNE button is pressed. (or at all acutally).

Turns out, resetting that and reconnecting the tuner and doing a forced manual tune and voila its working like a champ again.

The "not enough RF power" really *was* Not Enough RF Power. I just couldnt figure out why the radio was not generating the power till i had HRD up again and saw that i really wasnt getting power even on FM or RTTY mode.

I still dont know what DRIVE does, but apparently it lowers the output power by a lot.

6622. Re: [LDG-auto-tuners] IT-100 4 red lights

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-12-24 15:21:36 UTC
From: <jcp@...>
Topic: 6618 Message: 6622

yes have power cycled it (and the radio) many times.

6623. Re: [LDG-auto-tuners] IT-100 4 red lights

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-12-24 15:20:56 UTC
From: <jcp@...>
Topic: 6618 Message: 6623

Power cycled tuner: yes, many times.

6624. Re: [LDG-auto-tuners] RE: IT-100 4 red lights

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-12-26 01:22:47 UTC
From: Craig
Topic: 6618 Message: 6624

Ya know I was going to suggest replacing the tuner with a watt meter to check this very issue but got distracted. In any case, I'm glad you figured it out :-)

73, Crag

On Dec 24, 2013, at 1:13 PM, <jcp@...> wrote:

>
>
> So i figured this out and its fixed.
>
>
>
> Turns out, i was using Ham Radio Deluxe to do some Digital modes and it has a slider marked "Drive" which had gotten turned down (when i meant to turn down RF Power).
>
>
>
> That sets something in the radio that causes it not to generate very much power when the TUNE button is pressed. (or at all acutally).
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>
>
> Turns out, resetting that and reconnecting the tuner and doing a forced manual tune and voila its working like a champ again.
>
>
>
> The "not enough RF power" really *was* Not Enough RF Power. I just couldnt figure out why the radio was not generating the power till i had HRD up again and saw that i really wasnt getting power even on FM or RTTY mode.
>
>
>
> I still dont know what DRIVE does, but apparently it lowers the output power by a lot.
>
>
>
>
>
>

6625. Re: IT-100 4 red lights

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-12-26 09:57:27 UTC
From: john g8xgs
Topic: 6618 Message: 6625

seasons greetings to all LDG users but without 4 red lights , best off being green = go go go

now you can shoot me LOL:-)

6626. RE: [LDG-auto-tuners] RE: IT-100 4 red lights

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-12-26 18:18:34 UTC
From: k4ize
Topic: 6618 Message: 6626

<<< I still don't know what DRIVE does, but apparently it lowers the output power by a lot.>>>

The "Drive" control adjusts the level of the signal being sent to the XMITTER. I have a SignaLink that has a physical knob to do this. I set the knob to 12 O'clock, then adjust the mic gain on the XCVR to barely show the first block of ALC while xmitting a data string. You then adjust the interface "Drive" (or whatever) until your power is what you want. The software I often use has a Tune button that sends out a solid tone just for this purpose. I do not use HRD so I cannot be sure in your case. I may take a look at the latest HRD and see how I like it. A "Drive" adjustment that works in SSB and CW would be nice as my radio requires going to a menu to set power. 73

Good job, Bill – K4IZE

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of jcp@pistritto.org
Sent: Tuesday, December 24, 2013 1:13 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] RE: IT-100 4 red lights

So i figured this out and its fixed.

Turns out, i was using Ham Radio Deluxe to do some Digital modes and it has a slider marked "Drive" which had gotten turned down (when i meant to turn down RF Power).

That sets something in the radio that causes it not to generate very much power when the TUNE button is pressed. (or at all acutally).

Turns out, resetting that and reconnecting the tuner and doing a forced manual tune and voila its working like a champ again.

The "not enough RF power" really *was* Not Enough RF Power. I just couldnt figure out why the radio was not generating the power till i had HRD up again and saw that i really wasnt getting power even on FM or RTTY mode.

I still dont know what DRIVE does, but apparently it lowers the output power by a lot.

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[Non-text portions of this message have been removed]

6627. Z100 and FT-897

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-12-28 01:43:17 UTC
From: ko6r
Topic: 6627 Message: 6627

I hope, even though the Z100 is an old model, that someone can give me some ideas about what happened to me today.
I was on 15M with my FT-897 running 100W, and had tuned up using the Z100 quite satisfactorily. In the middle of a CW QSO, my radio went belly-up, did a complete reset, blanking out all my memories and resetting my menus to default values, but it stayed powered up!
Luckily I had used CHIRP a few months ago to make an image file of the radio's mems and menus, so I could upload that and get back to normal. But I'm mystified by what happened: suddenly the swr indicator on the radio went full scale, and blammo!
Googling brought a suggestion that perhaps some RF got from the tuner into the radio, since the tuner sits right on top of the rig. I don't really have any idea what happened, and as soon as I recovered from the shock, I got back on frequency, retuned and carried on as I had been previously. No subsequent problems.
Any ideas or thoughts or flashes of insight very welcome.

Thanks in advance,
Peter KO6R

6628. Re: [LDG-auto-tuners] Z100 and FT-897

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-12-28 05:28:26 UTC
From: Art Galvez
Topic: 6627 Message: 6628

first off.
It's never a good idea to have items stacked one on top of the other like you discribed.
 Second .
 it's never a good idea to have full out put in CW....90 watts is plenty and if your using a tnc,
  the lower the better. I only run 30 watts max in CW on any band,,,,,,,,,,,,
and about 20 max on digital modes.
RF could very possible the culprit.
73, good luck

On Friday, December 27, 2013 9:15 PM, ko6r <ko6r@yahoo.com> wrote:

I hope, even though the Z100 is an old model, that someone can give me some ideas about what happened to me today.
I was on 15M with my FT-897 running 100W, and had tuned up using the Z100 quite satisfactorily. In the middle of a CW QSO, my radio went belly-up, did a complete reset, blanking out all my memories and resetting my menus to default values, but it stayed powered up!
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Any ideas or thoughts or flashes of insight very welcome.

Thanks in advance,
Peter KO6R

6629. RE: [LDG-auto-tuners] Z100 and FT-897

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-12-30 15:49:23 UTC
From: k4ize
Topic: 6627 Message: 6629

Peter,

I have the LDG1000ProII so I do not have the same setup. It does seem strange to me that the SWR indicator would peg and the radio reset with just 100W out. My linear, tuner and exciter are side to side (touching) in a row, left to right. I have had more than one “senior moments” where I forgot to put the linear in standby before re-tuning to a different band/freq. I have both an FT-950 and an FT-857D and have never had this happen. At your 100W, I doubt seriously enough RF got into the rig to cause this. The main result from stacking equipment is the fans staying on due to heat buildup.

If it were me, I would momentarily go key-down (or send dashes) and wiggle all the coax jumpers and power leads. The jump in SWR could also be from a momentary incident with the antenna such as an arc or limb. I once had a heck of a time with a RG-8X jumper that had a single strand of braid rattling around in the PL-259.

Another situation that might apply is a problem with your station grounds.

Good luck es 73, Bill – K4IZE

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Art Galvez
Sent: Saturday, December 28, 2013 12:28 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] Z100 and FT-897

first off.
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and about 20 max on digital modes.
RF could very possible the culprit.
73, good luck

On Friday, December 27, 2013 9:15 PM, ko6r <ko6r@...> wrote:

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the tuner sits right on top of the rig. I don't really have any idea what happened, and as soon as I recovered from the shock, I got back on frequency, retuned and carried on as I had been previously. No subsequent problems.
Any ideas or thoughts or flashes of insight very welcome.

Thanks in advance,
Peter KO6R

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http://www.avast.com

[Non-text portions of this message have been removed]

6630. Re: Z100 and FT-897

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-12-30 15:59:36 UTC
From: ko6r
Topic: 6627 Message: 6630

I think you're right, Art.
I will for sure dial it back to a max. of 50W, and perhaps less, once I find out how I'm getting out.
As for the stack, hmm...I have to look at that. Space considerations in a rather cramped corner.
Thanks for your thoughts.

Peter KO6R

--- In LDG-auto-tuners@yahoogroups.com, Art Galvez <wa7ag@...> wrote:
>
> first off.
> It's never a good idea to have items stacked one on top of the other like you discribed.
> Â Second .
> Â it's never a good idea to have full out put in CW....90 watts is plenty and if your using a tnc,
> Â the lower the better.Â I only run 30 watts max in CW on any band,,,,,,,,,,,,
> and about 20 max on digital modes.
> RF could very possible the culprit.
> 73, good luck
>
>
>
>
>
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> Any ideas or thoughts or flashes of insight very welcome.
>
> Thanks in advance,
> Peter KO6R

>

6631. Re: Z100 and FT-897

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2013-12-31 16:13:45 UTC
From: ko6r
Topic: 6627 Message: 6631

Working on the grounds. Thanks for the reply.
HNY,
Peter K06R

--- In LDG-auto-tuners@yahoogroups.com, "k4ize" <k4ize-bw@...> wrote:
>
> Peter,
>
>
>
> I have the LDG1000ProII so I do not have the same setup. It does seem strange to me that the SWR indicator would peg and the radio reset with just 100W out. My linear, tuner and exciter are side to side (touching) in a row, left to right. I have had more than one â□□senior momentsâ□□ where I forgot to put the linear in standby before re-tuning to a different band/freq. I have both an FT-950 and an FT-857D and have never had this happen. At your 100W, I doubt seriously enough RF got into the rig to cause this. The main result from stacking equipment is the fans staying on due to heat buildup.
>
>
>
> If it were me, I would momentarily go key-down (or send dashes) and wiggle all the coax jumpers and power leads. The jump in SWR could also be from a momentary incident with the antenna such as an arc or limb. I once had a heck of a time with a RG-8X jumper that had a single strand of braid rattling around in the PL-259.
>
>
>
> Another situation that might apply is a problem with your station grounds.
>
>
>
> Good luck es 73, Bill â□" K4IZE
>
>
>
> From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Art Galvez
> Sent: Saturday, December 28, 2013 12:28 AM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: Re: [LDG-auto-tuners] Z100 and FT-897
>
>
>
>
>
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> first off.
> It's never a good idea to have items stacked one on top of the other like you discribed.

> Second .
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> the lower the better. I only run 30 watts max in CW on any band,,,,,,,,,,,
> and about 20 max on digital modes.
> RF could very possible the culprit.
> 73, good luck
>
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>
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>
>
>
> I hope, even though the Z100 is an old model, that someone can give me some ideas about what happened to me today.
> I was on 15M with my FT-897 running 100W, and had tuned up using the Z100 quite satisfactorily. In the middle of a CW QSO, my radio went belly-up, did a complete reset, blanking out all my memories and resetting my menus to default values, but it stayed powered up!
> Luckily I had used CHIRP a few months ago to make an image file of the radio's mems and menus, so I could upload that and get back to normal. But I'm mystified by what happened:
> suddenly the swr indicator on the radio went full scale, and blammo!
> Googling brought a suggestion that perhaps some RF got from the tuner into the radio, since the tuner sits right on top of the rig. I don't really have any idea what happened, and as soon as I recovered from the shock, I got back on frequency, retuned and carried on as I had been previously. No subsequent problems.
> Any ideas or thoughts or flashes of insight very welcome.
>
> Thanks in advance,
> Peter KO6R
>
>
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>
> ---
> This email is free from viruses and malware because avast! Antivirus protection is active.
> http://www.avast.com
>
>
> [Non-text portions of this message have been removed]
>

6632. Where does Bencher LP filter belong in circuit ??

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-01-03 14:40:03 UTC
From: Rick
Topic: 6632 Message: 6632

Where should I add a Bencher LP filter to my Icom 746Pro and AT200ProII ..

Should the path be:

746Pro to Bencher Filter to AT200 to Antenna

or

746 Pro to AT200 to Bencher LP filter to Antenna

Thanks..

Rick N9AJ

6633. Re: [LDG-auto-tuners] Where does Bencher LP filter belong in circuit ??

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-01-03 16:22:02 UTC
From: Leonard K. Pennock
Topic: 6632 Message: 6633

Should probably go between the radio and tuner as filters are designed
to work into a 50 ohm load. Exception would be if the filter doesn't
provide a reasonable 50 ohm load then it should go between the tuner and
the antenna.

On 01/03/2014 07:40 AM, Rick wrote:
> Where should I add a Bencher LP filter to my Icom 746Pro and AT200ProII ..
>
> Should the path be:
>
> 746Pro to Bencher Filter to AT200 to Antenna
>
> or
>
> 746 Pro to AT200 to Bencher LP filter to Antenna
>
> Thanks..
>
> Rick N9AJ
>
>
> ------------------------------------
>
> Yahoo Groups Links
>
>
>

--
Leonard K. Pennock
AD7AS

Those who walk bravely through life, unafraid of loss or failure,
find that they very rarely lose or fail.

6634. AT 600 ProII

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-01-04 11:10:25 UTC
From: <wb2omw@...>
Topic: 6634 Message: 6634

Hello, Does the AT 600 Pro II have a memory backup battery? How long will it last with the power supply turned off? Or should I leave the supply turned on?

For backround info, I have it connected to the Elecraft K3 line, without a tuning cable, and it works great!

Happy New Year!
73
Rob WB2OMW

6635. RE: Where does Bencher LP filter belong in circuit ??

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-01-04 12:29:09 UTC
From: <bb1300@...>
Topic: 6632 Message: 6635

I believe that the basic LDG circuit functions as a low pass filter, and that a separate LPF isn't really necessary.
Mike N3PM

6636. RE: AT 600 ProII

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-01-04 15:34:45 UTC
From: <n2rrr@...>
Topic: 6634 Message: 6636

The settings are stored on the flash area on the CPU. No batteries required!

Happy New Years!
73
Randy N2RRR

6637. RE: AT 600 ProII

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-01-04 15:43:59 UTC
From: <n2rrr@...>
Topic: 6634 Message: 6637

The information on the settings is stored in the flash memory area on the CPU. No batteries needed!

73's
Happy New Year!
Randy N2RRR

6638. Z817 / FT-817 Tuner Won't Switch to PKT.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-01-06 09:26:59 UTC
From: <g0oan@...>
Topic: 6638 Message: 6638

Hello All,

I seem to be having something of a recurring problem with my Z817.

In short when I press the 'Tuning' button, by either holding the button down until the red light goes out, or momentarily, the rig will go into Tx but not switch into Packet mode.

The end result is that a few seconds later the error light will flash and the rig will go back into Rx without the Z817 tuning properly.

The only solution I've found is to turn the rig off and on again, this seems to clear the fault.

I've checked the baud rate and all of the connections on a number of occasions and everything seem to be fine.

Has anyone experienced this before or have any thoughts?

Thanks in advance for any help.

Kind regards,

Sean.
G0OAN.

6639. Re: [LDG-auto-tuners] Z817 / FT-817 Tuner Won't Switch to PKT.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-01-06 15:43:40 UTC
From: Hank Greeb
Topic: 6638 Message: 6639

Sounds like a fault in the FT-817 rig, not the tuner. You ARE using a Yaesu 817 rig, are you not? You ARE punching the TUNE button on the rig, are you not?

n 1/6/2014 04:26, g0oan@... wrote:
>
>
> Hello All,
>
> I seem to be having something of a recurring problem with my Z817.
>
> In short when I press the 'Tuning' button, by either holding the
> button down until the red light goes out, or momentarily, the rig will
> go into Tx but not switch into Packet mode.
>
> The end result is that a few seconds later the error light will flash
> and the rig will go back into Rx without the Z817 tuning properly.
>
> The only solution I've found is to turn the rig off and on again, this
> seems to clear the fault.
>
> I've checked the baud rate and all of the connections on a number of
> occasions and everything seem to be fine.
>
> Has anyone experienced this before or have any thoughts?
>
> Thanks in advance for any help.
>
>
> Kind regards,
>
>
> Sean.
> G0OAN.

6640. Re: [LDG-auto-tuners] Z817 / FT-817 Tuner Won't Switch to PKT.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-01-06 15:45:33 UTC
From: Hank Greeb
Topic: 6638 Message: 6640

Sounds like a fault in the FT-817 rig, not the tuner. You ARE using a Yaesu 817 rig, are you not? You ARE punching the TUNE button on the rig, are you not?

n 1/6/2014 04:26, g0oan@... wrote:
>
>
> Hello All,
>
> I seem to be having something of a recurring problem with my Z817.
>
> In short when I press the 'Tuning' button, by either holding the
> button down until the red light goes out, or momentarily, the rig will
> go into Tx but not switch into Packet mode.
>
> The end result is that a few seconds later the error light will flash
> and the rig will go back into Rx without the Z817 tuning properly.
>
> The only solution I've found is to turn the rig off and on again, this
> seems to clear the fault.
>
> I've checked the baud rate and all of the connections on a number of
> occasions and everything seem to be fine.
>
> Has anyone experienced this before or have any thoughts?
>
> Thanks in advance for any help.
>
>
> Kind regards,
>
>
> Sean.
> G0OAN.

6641. Re: [LDG-auto-tuners] Z817 / FT-817 Tuner Won't Switch to PKT.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-01-06 15:58:58 UTC
From: Jimmy (WB8NBI)
Topic: 6638 Message: 6641

Hank there is no tune button on the radio. Just on the Z817 only.

DE Jimmy (WB8NBI)

From: Hank Greeb
Sent: Monday, January 6, 2014 10:43 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] Z817 / FT-817 Tuner Won't Switch to PKT.

Sounds like a fault in the FT-817 rig, not the tuner. You ARE using a Yaesu 817 rig, are you not? You ARE punching the TUNE button on the rig, are you not?

n 1/6/2014 04:26, g0oan@bethere.co.uk wrote:

Hello All,

I seem to be having something of a recurring problem with my Z817.

In short when I press the 'Tuning' button, by either holding the button down until the red light goes out, or momentarily, the rig will go into Tx but not switch into Packet mode.

The end result is that a few seconds later the error light will flash and the rig will go back into Rx without the Z817 tuning properly.

The only solution I've found is to turn the rig off and on again, this seems to clear the fault.

I've checked the baud rate and all of the connections on a number of occasions and everything seem to be fine.

Has anyone experienced this before or have any thoughts?

Thanks in advance for any help.

Kind regards,

Sean.
G0OAN.

6642. RE: Z817 / FT-817 Tuner Won't Switch to PKT.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-01-06 20:26:09 UTC
From: <g0oan@...>
Topic: 6638 Message: 6642

Hi Guys,

As Jimmy pointed out there is no 'Tune Button' on the FT-817.

The button I was referring to was the 'Tune' button on the Z-817.

Hope this helps.

Sean.

6643. AT-200Pro and ProII

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-01-14 12:48:03 UTC
From: <ad_prasad@...>
Topic: 6643 Message: 6643

Hi group,

What is the difference between Pro version and ProII? I own AT-200Pro that works fine and no problems. Just a curious question.

73
Prasad AB3EH

6644. RE: [LDG-auto-tuners] AT-200Pro and ProII

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-01-14 16:39:41 UTC
From: k4ize
Topic: 6643 Message: 6644

Hi Prasad,

You can run, but you can't hide (from me). I researched the same question before I bought my LDG-1000 ProII. My conclusion was that they are very different animals doing the same job mostly the same way. The obvious difference is the LED bar graphs for power and SWR. One less meter to read with my old eyes! According to LDG, a lot of internal "improvements" are also in the ProII.

I am happy with mine except for the limited power for actually tuning. I cannot "auto-tune while running high power. No big deal – just put the amp in standby and do a quick auto-tune with just the exciter. If I had to do this again, I would stick with the ProII. My old peak reading Swan meter went bad after 30yrs so I plan to buy the optional add-on meter for the 1000ProII. 73,

Bill

K4IZE

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of ad_prasad@...
Sent: Tuesday, January 14, 2014 7:48 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] AT-200Pro and ProII

Hi group,

What is the difference between Pro version and ProII? I own AT-200Pro that works fine and no problems. Just a curious question.

73

Prasad AB3EH

This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

[Non-text portions of this message have been removed]

6645. RE: AT-200Pro and ProII

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-01-15 09:53:19 UTC
From: <michael@...>
Topic: 6643 Message: 6645

Hi Prasad,

The Pro II has an Ant2 LED and a Bypass LED so you can see at a glance which antenna is in use and if the tuning circuit is switched in or not.

Regarding operation/firmware, I guess it differs to control those 2 LEDs but I am note sure if there is a performance gain in the MK2 version.

73

Mike
M0SAZ

6646. Tuner for my HRD-50

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-01-16 15:48:07 UTC
From: <wcbilljohnson@...>
Topic: 6646 Message: 6646

I am in a quandary. I had an LDG 100Pro with my IC-7000 and have a LDG AT-600 proII both past and present worked great.

I am now looking for a tuner for my KX-3 and Hardrock 50.

I was looking at Eham reviews and surprised how many people speak so badly of the LDG product line.

Anyway I plan to use different wire antennas, verticals.

What does the group recommend? I was leaning to the Z 100 Plus but after reading last night might go with a Z 11 Pro II.

Help clear an old fellows head.

Bill J K7BRR

6647. Re: [LDG-auto-tuners] Tuner for my HRD-50

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-01-16 19:05:07 UTC
From: KK2DOG in NY
Topic: 6646 Message: 6647

I've had nothing but great results with both of my LDG auto-tuners.
Those who complain are generally folks' who don't read the manual,
or they're trying to get it to tune while running maximum amplifier output,
or they're trying to tune a barbed-wire fence or rain gutter, etc.

KK2DOG

From: "wcbilljohnson@..." <wcbilljohnson@...>
To: LDG-auto-tuners@yahoogroups.com
Sent: Thursday, January 16, 2014 10:48 AM
Subject: [LDG-auto-tuners] Tuner for my HRD-50

I am in a quandary. I had an LDG 100Pro with my IC-7000 and have a LDG AT-600 proII
both past and present worked great.

I am now looking for a tuner for my KX-3 and Hardrock 50.

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might go with a Z 11 Pro II.

Help clear an old fellows head.

Bill J K7BRR

6648. RE: [LDG-auto-tuners] Tuner for my HRD-50

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-01-16 19:53:48 UTC
From: Bill Husted
Topic: 6646 Message: 6648

I've not only had fine results with LDG products, I've had amazing personal support when I needed help. I'm talking about back and forth emails that offered suggestions, including some that were only tangential to the product - advice that let me do a better job with my station. I've never seen that kind of support from any other company - ham or consumer.

I now own two of the tuners and have owned, over the years, at least that many more.

Bill KQ4YA

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of wcbilljohnson@...
Sent: Thursday, January 16, 2014 10:48 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Tuner for my HRD-50

I am in a quandary. I had an LDG 100Pro with my IC-7000 and have a LDG AT-600 proII both past and present worked great.

I am now looking for a tuner for my KX-3 and Hardrock 50.

I was looking at Eham reviews and surprised how many people speak so badly of the LDG product line.

Anyway I plan to use different wire antennas, verticals.

What does the group recommend? I was leaning to the Z 100 Plus but after reading last night might go with a Z 11 Pro II.

Help clear an old fellows head.

Bill J K7BRR

6649. Re: [LDG-auto-tuners] Tuner for my HRD-50

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-01-16 20:25:58 UTC
From: Tony Brignole
Topic: 6646 Message: 6649

I have several different models and all have worked well. If I was shopping tomorrow I would buy another without any hesitation.

I run about 100 watts max with no amp.

Reading between the lines I think some folks are expecting a little too much!!! You should make an effort to get your antenna as close as you can prior to expecting a tuner to tune it.

With some common sense the LDG tuners have a wide range and will probably tune some things you should not try and tune.

Good Luck with your project.

----- Original Message -----
From: KK2DOG in NY
To: LDG-auto-tuners@yahoogroups.com
Sent: Thursday, January 16, 2014 1:05 PM
Subject: Re: [LDG-auto-tuners] Tuner for my HRD-50

I've had nothing but great results with both of my LDG auto-tuners.
Those who complain are generally folks' who don't read the manual,
or they're trying to get it to tune while running maximum amplifier output,
or they're trying to tune a barbed-wire fence or rain gutter, etc.

KK2DOG

From: "wcbilljohnson@..." <wcbilljohnson@...>
To: LDG-auto-tuners@yahoogroups.com
Sent: Thursday, January 16, 2014 10:48 AM
Subject: [LDG-auto-tuners] Tuner for my HRD-50

I am in a quandary. I had an LDG 100Pro with my IC-7000 and have a LDG AT-600 proII both past and present worked great.

I am now looking for a tuner for my KX-3 and Hardrock 50.

I was looking at Eham reviews and surprised how many people speak so badly of the LDG product line.

Anyway I plan to use different wire antennas, verticals.

What does the group recommend? I was leaning to the Z 100 Plus but after reading last night might go with a Z 11 Pro II.

Help clear an old fellows head.

Bill J K7BRR

6650. Re: [LDG-auto-tuners] Tuner for my HRD-50

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-01-17 02:55:23 UTC
From: Bill Aycock
Topic: 6646 Message: 6650

Bill--
IMHO—Anyone that relies on EHAM reviews is looing at a mixed-up mess. There are too many people with questionable motives on there to have reliability. Over all, what I read of LDG is pretty good, and I read a lot of good things about their support. My own (second hand) LDG AT100 Pro II has worked well for years.
YMMV
Bill—W4BSG

From: wcbilljohnson@...
Sent: Thursday, January 16, 2014 9:48 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Tuner for my HRD-50

I am in a quandary. I had an LDG 100Pro with my IC-7000 and have a LDG AT-600 proII both past and present worked great.

I am now looking for a tuner for my KX-3 and Hardrock 50.

I was looking at Eham reviews and surprised how many people speak so badly of the LDG product line.

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What does the group recommend? I was leaning to the Z 100 Plus but after reading last night might go with a Z 11 Pro II.

Help clear an old fellows head.

Bill J K7BRR

6651. KT-100 Remote Panel advice

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-01-19 00:28:28 UTC
From: Avery
Topic: 6651 Message: 6651

What would I need to do to build a remote panel to duplicate the front panel of the KT-100? This is so I can install the KT-100 remotely from the operating position. It was easy to extend the AT-300 control cable so it works well remotely from a Kenwood transceiver - except on 6 meters, due to limitations on the Kenwood transceiver. The manual does not include a detailed schematic of the tuner, so I need some advice on how to build a remote panel for the KT-100.

Thanks!

73, Avery, WB4RTP

6652. RE: Tuner for my HRD-50

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-01-19 05:24:44 UTC
From: <ve5kc@...>
Topic: 6646 Message: 6652

Hi Bill..

I have a Z11 Pro and it has worked great with every rig I've uses it on..

That includes with a KX3 and RM Italy amp.. I had the KX3 tune button set to 1.5 watts.

The Z11 Pro (II) will tune when you send a carrier to it.. (no interface cable required) It takes less then a watt to tune. The buttons on the front let you manually touch up the tuner if it does not get as good a match as you would like.

It.should work fine for you.

73.. Ken - VE5KC

6653. Re: Tuner for my HRD-50

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-01-19 14:25:09 UTC
From: William C. Johnson
Topic: 6646 Message: 6653

Thanks for all the input. I think I have settled on the LDG Z11 ProII and will order one tomorrow. It looks smaller and more trail ready than my LDG AT 600 ProII. hi hi

It should complement my KX3-Hardrock 50 combo.

Thanks for the Elmerimg all.

Bill J K7BRR

6654. RT-100 Bypass mode?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-01-20 11:13:08 UTC
From: David Birnbaum
Topic: 6654 Message: 6654

Is there some way to have my RT-100 switch to bypass mode where it just connects the input to the antenna?

I want to use this for the times when I use my rig to cover non-ham band SWL. When it's tuned for one of the ham bands it reduces the signals that are out of band.

dave
k2lyv

6655. RE: KT-100 Remote Panel advice

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-01-19 22:22:11 UTC
From: <michael@...>
Topic: 6651 Message: 6655

Hi Avery,

I have the YT-100 which is a simple 3.5mm stereo connector to wire up a switch, but consulting the manual for the KT-100 I see no such facility, only rig control. You can extend that cable though as detailed on page 15 of the manual. Good luck.

73

Mike
M0SAZ

6656. LDG technical support

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-01-20 21:00:44 UTC
From: <axxaa_1@...>
Topic: 6656 Message: 6656

Anybody know the best way to get LDG tech support to respond to queries/purchase requests ? I send a email message and paypal paypal payment for a replacement processor for my AT-200proII tuner. But not had a response from them yet ?.
73's
Simon
ZL2BRG

6657. RE: [LDG-auto-tuners] LDG technical support

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-01-20 21:48:43 UTC
From: Bill Husted
Topic: 6656 Message: 6657

I've always had an immediate response - just using the email. I've contacted them many times for various reasons and that's always held true. So I don't know what to advise.

Bill KQ4YA

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of axxaa_1@yahoo.co.nz
Sent: Monday, January 20, 2014 4:01 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] LDG technical support

Anybody know the best way to get LDG tech support to respond to queries/purchase requests ? I send a email message and paypal paypal payment for a replacement processor for my AT-200proII tuner. But not had a response from them yet ?.

73's

Simon

ZL2BRG

6658. RE: [LDG-auto-tuners] LDG technical support

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-01-21 02:09:44 UTC
From: k4ize
Topic: 6656 Message: 6658

Me, too. They called me by landline, but maybe not to Zed-El land….

Bill

K4IZE

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of Bill Husted
Sent: Monday, January 20, 2014 4:49 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: RE: [LDG-auto-tuners] LDG technical support

I've always had an immediate response - just using the email. I've contacted them many times for various reasons and that's always held true. So I don't know what to advise.

Bill KQ4YA

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of axxaa_1@...
Sent: Monday, January 20, 2014 4:01 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] LDG technical support

Anybody know the best way to get LDG tech support to respond to queries/purchase requests ? I send a email message and paypal paypal payment for a replacement processor for my AT-200proII tuner. But not had a response from them yet ?.

73's

Simon

ZL2BRG

This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

[Non-text portions of this message have been removed]

6659. Re: KT-100 Remote Panel advice

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-01-21 06:18:12 UTC
From: Avery
Topic: 6651 Message: 6659

Mike,
Thanks for the reply. I have extended the rig control cable, and it works well, but the problem is the firmware in the radio thinks that it is connected to an AT-300, and since the AT-300 won't work on 6-meters, it won't allow external antenna tuning on 6-meters even though the KT-100 works fine on 6-meters. So, I have to manually push the tune switch on the front panel of the KT-100 if I want to tune an antenna on 6-meters, and since I mounted the KT-100 near the body of the TS-480, it is not within reach of where I have mounted the control head of the TS-480. Thus my desire to remote the front panel tune switch which is normally redundant on the KT-100. The KT-100 works great using rig control on lower bands.

I am hoping that someone who has modified a KT-100 for an external tune switch will give me some pointers on how best to do this.

73,
Avery, WB4RTP

--- In LDG-auto-tuners@yahoogroups.com, <michael@...> wrote:
>
> Hi Avery,
>
> I have the YT-100 which is a simple 3.5mm stereo connector to wire up a switch, but consulting the manual for the KT-100 I see no such facility, only rig control. You can extend that cable though as detailed on page 15 of the manual. Good luck.
>
> 73
>
> Mike
> M0SAZ
>

6660. Re: KT-100 Remote Panel advice

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-01-21 08:32:33 UTC
From: <michael@...>
Topic: 6651 Message: 6660

Avery, this might be me teaching grandpa to suck eggs but in the tuner manual:

When using the KT-100 with a TS-480SAT, hook the KT-100 to the ANT 1 jack of the TS-480SAT. Set menu #27, “EXTERNAL AT OPERATION MODE” to “At1”. You will have to power off and back on for this setting to take effect.

Also, when you are on 6m, is antenna 1 selected as well?

The TS-480 manual says: If you want to use the external antenna tuner,AT-300 with the TS-480 transceiver, access Menu No. 27 and confirm that “At1” is selected(default). “At2” is reserved for future update.

I wonder if At2 has the command set but without the 6m limitation?

Worth a try I guess?

The only other suggestion would be to modify the KT-100 to have an external switch so you can run a new switch to your operating position, a simple mod I expect, just a wire from the existing switch connections with a switch on the end of it. To make it really smart, a case mounted 3.5mm socket to disconnect the external switch, or change its length.

But I wouldn't do that until speaking to LDG via email or phone as they might have a solution. Sorry I can't be more help. I hope you get a solution.

73

Mike
M0SAZ

---In LDG-auto-tuners@yahoogroups.com, <wb4rtp@...> wrote:

Mike,
Thanks for the reply. I have extended the rig control cable, and it works well, but the problem is the firmware in the radio thinks that it is connected to an AT-300, and since the AT-300 won't work on 6-meters, it won't allow external antenna tuning on 6-meters even though the KT-100 works fine on 6-meters. So, I have to manually push the tune switch on the front panel of the KT-100 if I want to tune an antenna on 6-meters, and since I mounted the KT-100 near the body of the TS-480, it is not within reach of where I have mounted the control head of the TS-480. Thus my desire to remote the front panel tune switch which is normally redundant on the KT-100. The KT-100 works great using rig control on lower bands.

I am hoping that someone who has modified a KT-100 for an external tune switch will give me some pointers on how best to do this.

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Avery, WB4RTP

--- In LDG-auto-tuners@yahoogroups.com mailto:LDG-auto-tuners@yahoogroups.com, <michael@...> wrote:
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> Hi Avery,
>
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> Mike
> M0SAZ
>

6661. RE: Z817 / FT-817 Tuner Won't Switch to PKT.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-01-23 18:10:27 UTC
From: <mikerawson94@...>
Topic: 6638 Message: 6661

Hi Sean, just joined group and read your message. I am having the same problem not found out yet what the problem is regards mike G0DJM

6662. LDG 1000 proII Help

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-01-24 12:45:33 UTC
From: <mikehyman@...>
Topic: 6662 Message: 6662

Is there anyway to interconnect with FTdx-3000 using the Y Cable for auto tuning, I used it with a FT-2000 a while back and can't remember how I had it connected. I guess old age is taking it's toll :-) Any help would be appreciated.

Thanks
Mike
W4OCO

6663. My RT100 Quit Tuning

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-01-24 19:32:53 UTC
From: David ATT
Topic: 6663 Message: 6663

I took the new RT100 that I had been using for the past couple of weeks out of the feed line last night to try another tuner. When I put it back in it acts like it is tuning on the 6 and 10 meter bands; but, ends the cycle with the highest SWR and not the lowest. It doesn't appear to be tuning, when I try on the lower bands as it the SWR meter stays maxed. Temperatures here were in the mid-20's when I was working with it last night. It was not working this morning with temps in the high teens. I have checked all the connections, several times, and it is hooked up correctly. Any suggestions?

6664. AT-600pro no bargraph led

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-01-24 19:48:13 UTC
From: Hank Czerwick
Topic: 6664 Message: 6664

I have a one year old AT-600pro. About 2 months ago it started this thing where the pwr and swr bargraph quit working during tune and transmit. I could unplug the tuner and plug it back in and the problem was fixed. As of yesterday the problem is permanent. The Bargraph lights work if you do something like press the tune button for a full tune, but transmit and tune they are dark.

I know I'm still under warranty, and I sent LDG a e'mail. I was hoping there is some simple cure for this as I had some quality radio time planned for this weekend and I suspect I won't hear from LDG until at least Monday.

Thanks Hank AB2XG

6665. RE: AT-600pro no bargraph led

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-01-24 21:39:36 UTC
From: <davo172@...>
Topic: 6664 Message: 6665

If you sent an email you will hear even on the weekend. Dwayne does great at responding.
David KF5WDJ

6666. RE: AT-600pro no bargraph led

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-01-25 05:40:12 UTC
From: <czerwick.hank@...>
Topic: 6664 Message: 6666

Sweet! Thanks for the reply.

6667. LDG Z-11pro II Store button

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-01-26 23:36:35 UTC
From: <we8st@...>
Topic: 6667 Message: 6667

Hi to the group. I have a new Icom 7200 and bought the LDG Z-11 pro with it. I think I have the tuner functions down pat for the most part. But I am wondering what the store button does. I've looked through the manual several times and don't find really anything about it. I am guessing it stores whatever setting it is set to at the time? When I hit Function> Store, Tune lights breifly, then the 1.5 light flashes once or twice, then then 2.0 and 3.0 lights flash together. Does that mean I stored something?

Thanks, 73 Chris WE8ST

6668. Re: [LDG-auto-tuners] LDG Z-11pro II Store button

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-01-27 04:46:33 UTC
From: Art Galvez
Topic: 6667 Message: 6668

If your LDG Z100 is like my LDG AT-1000pro11.....
  The function then Store buttons means you have
changed the auto tune setting from1.5 to 1.7 and on up
the scale.
  You can set the auto tune function from 1.5 to 3.5 on the Pro 11.
It's in the manual for my 100 Pro 2.

On Sunday, January 26, 2014 5:51 PM, "we8st@..." <we8st@...> wrote:

Hi to the group. I have a new Icom 7200 and bought the LDG Z-11 pro with it. I think I have the tuner functions down pat for the most part. But I am wondering what the store button does. I've looked through the manual several times and don't find really anything about it. I am guessing it stores whatever setting it is set to at the time? When I hit Function> Store, Tune lights breifly, then the 1.5 light flashes once or twice, then then 2.0 and 3.0 lights flash together. Does that mean I stored something?

Thanks, 73 Chris WE8ST

6669. Re: LDG Z-11pro II Store button

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-01-27 11:04:41 UTC
From: WE8ST
Topic: 6667 Message: 6669

On this tuner I think I that function you're talking about is threshold. That is another button on this one. The store button is a secondary function of the tune button on this one. I've pushed the threshold button and the lights show the progression up like you're talking about.

Sent from my iPhone

6670. Selling LDG Z-11Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-01-30 18:01:56 UTC
From: <raybald1138@...>
Topic: 6670 Message: 6670

60 years in Ham Radio and it's time to move along some equipment that is not being used. My one owner, Z-11 Pro is mint, low usage, in original box and includes manual. If interested please contact me off list at: w8qap@wmconnect.com

Thanks, Ray Baldwin W8QAP/DL4FH

6672. KT 100 used on other rig.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-02-03 21:23:37 UTC
From: <km4bj@...>
Topic: 6672 Message: 6672

I think that if I supply the 12 volts and use the tune button on the KT 100 face, that it should work with the field day TS 130. Any problem with this idea or any suggestions?
Any comments welcome, as I sure don't want to ruin the tuner.

6673. Re: LDG tuners - Yaesu with Remote connector

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-02-04 04:52:12 UTC
From: Mike Lichtman
Topic: 6671 Message: 6673

Ken,
I have been using a FT950 with the LDG Pro 200 tuner. I set the AM pwr menu (separate from the other mode power settings) to 10watts or so. I leave the tuner on auto. When I go to a new freq, I switch to AM mode and hit PTT. It quickly tunes. Then I go back to my desired mode and have a QSO.
73 Mike KF6KXG

6674. Re: LDG tuners - Yaesu with Remote connector

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-02-04 09:32:58 UTC
From: <ve5kc@...>
Topic: 6671 Message: 6674

Hi Mike,

Thanks for your input.. I'm not sure if that would be an option for all other Yaesu radios but something to look at.

I see that the FT 950 has a remote jack for the FH-2, so this is possibility a way to simplify auto tuning.

I have rewritten my post on using the remote jack adding more information and fixing a couple of errors.

I hope we can get some feed back on this, maybe LDG will take a closer look at it.

73.. Ken - VE5KC

6676. Use LDG tuners -> Yaesu with Remote connector (rewrite)

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-02-04 09:54:51 UTC
From: <ve5kc@...>
Topic: 6676 Message: 6676

After reviewing my previous post I decide to rewrite parts of this.
I have also included links to where I obtained this information.

Maybe LDG will look closer at this and update their information on using more Yaesu radios.

Yaesu has not been good with providing information with some of the interfacing to radios. I suppose they are hoping you will buy abd use only their accessories. Because of this, we do not know for sure if the use of the remote jack will work on all models.

I searched for information that may answer to this and here is what I have found:

This is suppose to apply to Yaesu rigs that have a remote jack and can use the FH-1 or FH-2. (MFJ - see below)

If your radio has this remote jack, you should be able to connect your tuner and use the tuners tune button. (The FH-1 had a tune button) This should also works for sending a carrier to tune an amplifier. (A menu item on some models lets set the power output for this function)

The remote jack functions depend on the value of resister in series with the center connector of the mono jack connected. This is how the FH-1 or FH-2 remotes work. To use this for the tune function you must use a resister value of 2.5K ohms.

With this cable connected to your tuner, pressing the tune button, on the tuner, should start the tune cycle. Another option for some tuners would be to connect a cable with a switch to the radio, to send a carrier for activating a RF sense tune cycle.

Because the remote jack function is based on the resistance switched into the circuit and is open when no button is pressed, you can use an adapter that lets you connect the tuner and the FH-1 or FH-2 at the same time. MFJ sells a cable (MFJ-5124Y3) for some tuners for connecting to the remote jack. (might work with LDG?) - see below

I don't have a Yaesu transceiver but am looking at buying a FTDX 3000. I also have a friend with a FT 950 who could benefit from using a LDG tuner but must have a simple way of operating it.

I hope that LDG or someone in the group can check this out and report back.

Reference information:

MFJ sells a cable for their auto tuners - MFJ-5124Y3

"The MFJ-5124Y3 cable connects your MFJ-991, MFJ-993, or MFJ-994 Intellituner to your supported Yaesu radio. The cable supports: Yaesu FT-1000MP, FT-1000MP MKV, FT-1000MP MKV Field, FTDX-9000, and any Yaesu radio compatible with the Yaesu FH-1 or FH-2 Remote Control."

http://www.mfjenterprises.com/Product.php?productid=MFJ-5124Y3
http://www.mfjenterprises.com/Product.php?productid=MFJ-5124Y3

Building an Home brew FH-1 Remote Control - (Page 60 - FT-1000MP manual)

Remote control operation is activated by reading a voltage from across the ladder resister network in the keypad matrix as a key is pressed.

http://www.yaesu.com/downloadFile.cfm?FileID=1046&FileCatID=158&FileName=FT%2D1000MP%20Operating%20Manual.pdf&FileContentType=application%2Fpdf http://www.yaesu.com/downloadFile.cfm?FileID=1046&FileCatID=158&FileName=FT%2D1000MP%20Operating%20Manual.pdf&FileContentType=application%2Fpdf
---

Remote Keypad construction - AD5X

http://www.ad5x.com/images/Articles/Ctrl.pdf http://www.ad5x.com/images/Articles/Ctrl.pdf
---

Using the "Remote jack" to tune amplifier - (Yaesu VL-1000 Amplifier manual)

Automatic Amplifier Tune-Up using FT-1000MP Transceiver

When using the VL-1000 in conjunction with the FT-1000MP transceiver, the front panel SET key may be used to initiate an tuning procedure for the amplifier. In order to accomplish this, Menu Item 7-9 on the FT-1000MP must be set to “KEYER” (which is its default value), and a control cable must be connected between the FT-1000MP’s R EMOTE jack and the VL-1000’s BAND-DATA 2 jack. The required wiring for this cable is shown below.

From the amplifiers Band-Data2 connector, Pin 9 connects to ground and Pin 10 to the tip of the remote jack.

http://www.yaesu.com/downloadFile.cfm?FileID=7100&FileCatID=158&FileName=VL%2D1000%5FOM%5FENG%5FE08971004.pdf&FileContentType=application%2Fpdf http://www.yaesu.com/downloadFile.cfm?FileID=7100&FileCatID=158&FileName=VL%2D1000%5FOM%5FENG%5FE08971004.pdf&FileContentType=application%2Fpdf
....

73.. Ken - VE5KC

6677. Problem with CAT Control

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-02-04 03:49:19 UTC
From: <ditloyd@...>
Topic: 6677 Message: 6677

I recently purchased a YT-450 AutoTuner for use with my FT-450 and rig control software. I am unable to use any rig control software. I have tried Flrig, Ham Radio Deluxe (HRD) 5 and HRD 6.
Flrig, HRD 5 and HRD 6 work perfectly using the FT-450 internal tuner. The FT-450 and the YT-450 work perfectly together without Flrig, HRD 5 or HRD6 running.
I’m having the exact problem with all of the above rig control programs....
When using SSB at 100 watts output, I press the tuning button on the YT-450, the tuner completes a tuning cycle and will leave the rig set in AM mode and the RF power set at 50 watts. Sometimes I will find the mic gain set to low.

What I find unexplainable is, when the event above takes place, you can shut down the rig control software completely (no rig control running), manually change the radio back to SSB and 100 watts output, press the tune button again and the Tuner will cycle through a tune cycle and continue to leave the radio in AM mode and set at 50 watts after each tune cycle. This problem will persist until you reboot the tuner by disconnecting the power and powering it back up.. At this point the radio and turner will work perfectly together as long as you do not start up HRD or any rig control software.
I have tried multiple rig control programs, I have tried every combination of setting on the radio and software and computer port you could imagine. I have completely reset the Yaesu to factory defaults. Installed the latest Yaesu firmware. I have tried a different CAT cable.
It appears the tuner is releasing the CAT port back to the computer before it has completed its cycle and instructed the radio to change back to its prior mode and RF output settings.
Anyone else have this problem?

6678. Re: [LDG-auto-tuners] Problem with CAT Control

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-02-05 03:11:47 UTC
From: Brian Denley
Topic: 6677 Message: 6678

Yes I have had similar issues with my YT-450 and my FT-950. Once in a while the YT-450 gets in a mode where it changes my TX output to 50 watts (from 100) and changes my AM carrier output up to 100 watts (up from 50) whenever I do a tune. I never connected the problem to using HRD and I do use that software. The problem has gone away for now but always returns at some time.

Brian KB1VBF

Sent from my iPad

> On Feb 3, 2014, at 10:49 PM, <ditloyd@...> wrote:
>
> I recently purchased a YT-450 AutoTuner for use with my FT-450 and rig control software. I am unable to use any rig control software. I have tried Flrig, Ham Radio Deluxe (HRD) 5 and HRD 6.
>
> Flrig, HRD 5 and HRD 6 work perfectly using the FT-450 internal tuner. The FT-450 and the YT-450 work perfectly together without Flrig, HRD 5 or HRD6 running.
>
> I’m having the exact problem with all of the above rig control programs....
>
> When using SSB at 100 watts output, I press the tuning button on the YT-450, the tuner completes a tuning cycle and will leave the rig set in AM mode and the RF power set at 50 watts. Sometimes I will find the mic gain set to low.
>
>
>
> What I find unexplainable is, when the event above takes place, you can shut down the rig control software completely (no rig control running), manually change the radio back to SSB and 100 watts output, press the tune button again and the Tuner will cycle through a tune cycle and continue to leave the radio in AM mode and set at 50 watts after each tune cycle. This problem will persist until you reboot the tuner by disconnecting the power and powering it back up.. At this point the radio and turner will work perfectly together as long as you do not start up HRD or any rig control software.
>
> I have tried multiple rig control programs, I have tried every combination of setting on the radio and software and computer port you could imagine. I have completely reset the Yaesu to factory defaults. Installed the latest Yaesu firmware. I have tried a different CAT cable.
>
> It appears the tuner is releasing the CAT port back to the computer before it has completed its cycle and instructed the radio to change back to its prior mode and RF output settings.
>
> Anyone else have this problem?
>

>
>
>

6679. Should work fine, Re: KT 100 used on other rig.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-02-05 04:48:18 UTC
From: Avery
Topic: 6672 Message: 6679

Yes, it should work fine, just follow the directions in the manual for using the tune button and the two LED indicators. I tried this out with my KT-100 when I was having trouble with the remote cable I was building, and it worked great. Since I got the remote cable fixed, I haven't used the tune button as it works great from the control head of my TS-480. I have uploaded pictures of my mobile station with the KT-100 in a photo album on this Yahoo group, so you can take a look.

73,
Avery, WB4RTP

--- In LDG-auto-tuners@yahoogroups.com, <km4bj@...> wrote:
>
> I think that if I supply the 12 volts and use the tune button on the KT 100 face, that it should work with the field day TS 130. Any problem with this idea or any suggestions?
> Any comments welcome, as I sure don't want to ruin the tuner.
>

6680. AT600 ProII

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-02-05 14:30:30 UTC
From: <steamerone@...>
Topic: 6680 Message: 6680

Hello,
Has anyone connected their Elecraft K3 to the AT 600 Pro II? If so how did you do it?
73,
Rob WB2OMW

6681. RE: Z817 / FT-817 Tuner Won't Switch to PKT.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-02-06 20:13:52 UTC
From: <g0oan@...>
Topic: 6638 Message: 6681

Hi MIke,

I'm beginning to think it is more of a mechanical failure rather than an electronic one.

I've so far found that when this happens that it has something to do with the connector cable between the Z817 and the rig. Simple pressing on the connector at the back of the rig, the ACC socket, and pushing the connector slightly more firmly into the socket seems to clear the fault and the tuner will operate normally.

Need to have a closer look at it but beginning to suspect a doggy connector / cable.

Hope this helps.

Sean.

6682. Re: [LDG-auto-tuners] RE: Z817 / FT-817 Tuner Won't Switch to PKT.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-02-06 21:36:39 UTC
From: Leonard K. Pennock
Topic: 6638 Message: 6682

Might check that the connector cover isn't two think. I've seen more
than one din connector that required trimming.

On 02/06/2014 01:13 PM, g0oan@... wrote:
>
>
> Hi MIke,
>
>
>
> I'm beginning to think it is more of a mechanical failure rather than an
> electronic one.
>
>
> I've so far found that when this happens that it has something to do
> with the connector cable between the Z817 and the rig. Simple pressing
> on the connector at the back of the rig, the ACC socket, and pushing the
> connector slightly more firmly into the socket seems to clear the fault
> and the tuner will operate normally.
>
>
> Need to have a closer look at it but beginning to suspect a doggy
> connector / cable.
>
>
> Hope this helps.
>
>
>
>
> Sean.
>
>
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>
>
>
>

--
Leonard K. Pennock
AD7AS

Those who walk bravely through life, unafraid of loss or failure,
find that they very rarely lose or fail.

6683. Re: [LDG-auto-tuners] RE: Z817 / FT-817 Tuner Won't Switch to PKT.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-02-06 21:44:06 UTC
From: Michael Walker
Topic: 6638 Message: 6683

I spent 2 solid weeks chasing a CAT problem on a series of FT-8x7 radios I
was testing. The could hear CAT signals, but they were not echoing back.

Turns out it was the pin on the cable end had slid back about 1mm and was
making intermittent connections.

That was last week.

Mike va3mw

On Thu, Feb 6, 2014 at 4:36 PM, Leonard K. Pennock
<leonardpennock@...>wrote:

>
>
> Might check that the connector cover isn't two think. I've seen more
> than one din connector that required trimming.
>
>
> On 02/06/2014 01:13 PM, g0oan@... wrote:
> >
> >
> > Hi MIke,
> >
> >
> >
> > I'm beginning to think it is more of a mechanical failure rather than an
> > electronic one.
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> > on the connector at the back of the rig, the ACC socket, and pushing the
> > connector slightly more firmly into the socket seems to clear the fault
> > and the tuner will operate normally.
> >
> >
> > Need to have a closer look at it but beginning to suspect a doggy
> > connector / cable.
> >
> >
> > Hope this helps.
> >
> >
> >
> >

> > Sean.
> >
> >
> >
> >
> >
> >
>
> --
> Leonard K. Pennock
> AD7AS
>
> Those who walk bravely through life, unafraid of loss or failure,
> find that they very rarely lose or fail.
>
>
>

6684. Re: [LDG-auto-tuners] RE: Z817 / FT-817 Tuner Won't Switch to PKT.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-02-07 12:06:28 UTC
From: <michael@...>
Topic: 6638 Message: 6684

I had a similar problem years ago. When I had intermittant tuning problems, my dealer initially replaced my Z-817 with a Z-817H which was better but still had problems. In the end Yaesu authorised a replacement of the PCB and all was well. It turned out there was an issue with the FT-817 and it was easier to replace the whole board than to fault find.

Mike
M0SAZ

---In LDG-auto-tuners@yahoogroups.com, <va3mw@...> wrote:

I spent 2 solid weeks chasing a CAT problem on a series of FT-8x7 radios I was testing. The could hear CAT signals, but they were not echoing back.

Turns out it was the pin on the cable end had slid back about 1mm and was making intermittent connections.

That was last week.

Mike va3mw

6685. RE: Z817 / FT-817 Tuner Won't Switch to PKT.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-02-08 08:27:48 UTC
From: <mikerawson94@...>
Topic: 6638 Message: 6685

Hi Sean,
thanks for the reply will check my leads again
I contacted ldg and they suggested a full factory reset of the 817 which i havent tried yet
regards
mike
G0DJM

6686. RE: AT600 ProII

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-02-08 18:05:16 UTC
From: <agfox40@...>
Topic: 6680 Message: 6686

Hello Rob ...

I am a K3 owner/user and very new to this group, so I'm not an expert.
Nothing special in the hook-up. I have two antennas, a SteppIR vertical and a OCF windom. I used antenna position #1 on the K3 and connected the
two antennas to the back of the ProII. I've found I can use the "Tune" feature
on the K3 to shoot a few watts down the line to tune the tuner. I have a question or two abt the operation of the 600ProII, but I'll pose that in a seperate note.

73,
Ron, W4ALE
Georgia

6687. RT-100 RC-100 Power Supply

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-02-19 16:41:55 UTC
From: J. Keith Carter
Topic: 6687 Message: 6687

New to the group but an old user of LDG products. Have received my RT-100 and RC-100 and read the manual before pressing forward with stealth antennas. The manual states that a regulated 12 VDc 500 ma power supply is recommended but is not required. Has anyone had experience with the ubiquitous wall warts. A typical 12 volt 500 ma unit gives about 16 or more volts at no load dropping to 12 volts at the spec 500 ma. Would appreciate any input before powering up, many thanks, Keith, VE3JKC

6688. Re: [LDG-auto-tuners] RT-100 RC-100 Power Supply

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-02-20 00:44:11 UTC
From: doug pfaff
Topic: 6687 Message: 6688

Using walwart with some products in ldg product line causes numerous operational problems,try a good quality power supply only or aux 12 dc from your rig.

LDG may have a list of wallwart products they have found that work

Can you elaborate which rig your going to use

The numerous number of complaints in this blog on this walwart issue . if you can avoid the walwart issue do so it should be a lots less troublesome

My older kenwood TS 50 has a tuner jack that has 12 on it to power a tuner.

My dc power source is also a12v battery to provide emcomms operation off gird so one can operate in a disaster.

Think of the recent 10 day toronto power outage and wider southern ontario outage a fomer Ontarioite living in VE5 and VE7 land.

I was in ontario for both major power blackouts in 1965 and 2004 approx so i know from 1st hand experience what happens

Doug VE5DCP
----- Original Message -----
From: J. Keith Carter
To: LDG-auto-tuners@yahoogroups.com
Sent: Wednesday, February 19, 2014 8:41 AM
Subject: [LDG-auto-tuners] RT-100 RC-100 Power Supply

New to the group but an old user of LDG products. Have received my RT-100 and RC-100 and read the manual before pressing forward with stealth antennas. The manual states that a regulated 12 VDc 500 ma power supply is recommended but is not required. Has anyone had experience with the ubiquitous wall warts. A typical 12 volt 500 ma unit gives about 16 or more volts at no load dropping to 12 volts at the spec 500 ma. Would appreciate any input before powering up, many thanks, Keith, VE3JKC

This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

6689. Re: [LDG-auto-tuners] RT-100 RC-100 Power Supply

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-02-22 16:57:18 UTC
From: J. Keith Carter
Topic: 6687 Message: 6689

Many thanks for the replies. The situation that precipitated this request for info goes back to a downsize and condo relocation, so stealth antennas are the name of the game and when LDG announced the remote tuner I ordered one as a possibility for my situation. I do have a few "good" 20 amp supplies and my Omni VII does have an Aux 13.8V 500 ma accessory connector.
However It's power supply, unlike my Icom that I sold that had three accessory connections, does not have accessory connectors. So the situation is that for a clean set up all my Aux connectors are taken. I have used the wall wart with success on other items such as my Autek WM-1 wattmeter, but it came that way. Also I have opened them up and installed a three terminal regulator .
So the bottom line was I just wanted to see what the "other half" was using before I came up with another set of connectors on the existing rig. I would like to thank you all for taking the time to reply to my posting and sharing your thoughts and experiences. Best 73's, Keith, VE3JKC. ex VE2ANC (1950).

On 2/19/2014 7:44 PM, doug pfaff wrote:
>
> Using walwart with some products in ldg product line causes numerous
> operational problems,try a good quality power supply only or aux 12 dc
> from your rig.
> LDG may have a list of wallwart products they have found that work
> Can you elaborate which rig your going to use
> The numerous number of complaints in this blog on this walwart issue .
> if you can avoid the walwart issue do so it should be a lots less
> troublesome
> My older kenwood TS 50 has a tuner jack that has 12 on it to power a
> tuner.
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> off gird so one can operatein a disaster.
> Think of the recent 10 day toronto power outage and wider southern
> ontario outage a fomer Ontarioite living in VE5 and VE7 land.
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> approx so i know from 1st hand experience what happens
> Doug VE5DCP
>
> ----- Original Message -----
> *From:* J. Keith Carter <mailto:j.keith.carter@...>
> *To:* LDG-auto-tuners@yahoogroups.com
> <mailto:LDG-auto-tuners@yahoogroups.com>
> *Sent:* Wednesday, February 19, 2014 8:41 AM
> *Subject:* [LDG-auto-tuners] RT-100 RC-100 Power Supply
>

> New to the group but an old user of LDG products. Have received my
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> with the ubiquitous wall warts. A typical 12 volt 500 ma unit gives
> about 16 or more volts at no load dropping to 12 volts at the spec
> 500
> ma. Would appreciate any input before powering up, many thanks,
> Keith,
> VE3JKC
>
>
>
> ---
> <http://www.avast.com/>
>
> This email is free from viruses and malware because avast!
> Antivirus <http://www.avast.com/> protection is active.
>
>
>

6690. Re: [LDG-auto-tuners] RT-100 RC-100 Power Supply

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-02-22 19:18:40 UTC
From: VE6LB
Topic: 6687 Message: 6690

You didn't mention the LDG tuner model but I run a AT-1000Pro II using a
1 amp wall wart and have never had a problem.

73, Gerry VE6LB

On 22/02/2014 9:57 AM, J. Keith Carter wrote:
>
> Many thanks for the replies. The situation that precipitated this
> request for info goes back to a downsize and condo relocation, so
> stealth antennas are the name of the game and when LDG
> announced the remote tuner I ordered one as a possibility for my
> situation. I do have a few "good" 20 amp supplies and my Omni VII does
> have an Aux 13.8V 500 ma accessory connector.
> However It's power supply, unlike my Icom that I sold that had three
> accessory connections, does not have accessory connectors. So the
> situation is that for a clean set up all my Aux connectors
> are taken. I have used the wall wart with success on other items such
> as my Autek WM-1 wattmeter, but it came that way. Also I have opened
> them up and installed a three terminal regulator .
> So the bottom line was I just wanted to see what the "other half" was
> using before I came up with another set of connectors on the existing
> rig. I would like to thank you all for taking the time
> to reply to my posting and sharing your thoughts and experiences.
> Best 73's, Keith, VE3JKC. ex VE2ANC (1950).
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> On 2/19/2014 7:44 PM, doug pfaff wrote:
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>> Using walwart with some products in ldg product line causes numerous
>> operational problems,try a good quality power supply only or aux 12
>> dc from your rig.
>> LDG may have a list of wallwart products they have found that work
>> Can you elaborate which rig your going to use
>> The numerous number of complaints in this blog on this walwart issue
>> . if you can avoid the walwart issue do so it should be a lots less
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>> My older kenwood TS 50 has a tuner jack that has 12 on it to power a
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>> Think of the recent 10 day toronto power outage and wider southern
>> ontario outage a fomer Ontarioite living in VE5 and VE7 land.
>> I was in ontario for both major power blackouts in 1965 and 2004
>> approx so i know from 1st hand experience what happens
>> Doug VE5DCP
>>

>> ----- Original Message -----
>> *From:* J. Keith Carter <mailto:j.keith.carter@...>
>> *To:* LDG-auto-tuners@yahoogroups.com
>> <mailto:LDG-auto-tuners@yahoogroups.com>
>> *Sent:* Wednesday, February 19, 2014 8:41 AM
>> *Subject:* [LDG-auto-tuners] RT-100 RC-100 Power Supply
>>
>> New to the group but an old user of LDG products. Have received my
>> RT-100 and RC-100 and read the manual before pressing forward with
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>> supply is recommended but is not required. Has anyone had experience
>> with the ubiquitous wall warts. A typical 12 volt 500 ma unit gives
>> about 16 or more volts at no load dropping to 12 volts at the
>> spec 500
>> ma. Would appreciate any input before powering up, many thanks,
>> Keith,
>> VE3JKC
>>
>>
>>
>> ----------
>> <http://www.avast.com/>
>>
>> This email is free from viruses and malware because avast!
>> Antivirus <http://www.avast.com/> protection is active.
>>
>>
>
>

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73, Gerry VE6LB/VA6XDX
DXCC Card Checker- Southern Alberta
VE6 QSL Buro Team Member
http:www.qsl.net/ve6lb/

6691. Re: [LDG-auto-tuners] RT-100 RC-100 Power Supply

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-02-23 00:28:09 UTC
From: J. Keith Carter
Topic: 6687 Message: 6691

Hi Gerry, they are listed in the header or subject line as well as my original posting. The RT-100 tuner and the RC-100 controller. Cheers, Keith, VE3JKC

On 2/22/2014 2:18 PM, VE6LB wrote:
>
>
> You didn't mention the LDG tuner model but I run a AT-1000Pro II using
> a 1 amp wall wart and have never had a problem.
>
> 73, Gerry VE6LB
>
> On 22/02/2014 9:57 AM, J. Keith Carter wrote:
>>
>> Many thanks for the replies. The situation that precipitated this
>> request for info goes back to a downsize and condo relocation, so
>> stealth antennas are the name of the game and when LDG
>> announced the remote tuner I ordered one as a possibility for my
>> situation. I do have a few "good" 20 amp supplies and my Omni VII
>> does have an Aux 13.8V 500 ma accessory connector.
>> However It's power supply, unlike my Icom that I sold that had three
>> accessory connections, does not have accessory connectors. So the
>> situation is that for a clean set up all my Aux connectors
>> are taken. I have used the wall wart with success on other items such
>> as my Autek WM-1 wattmeter, but it came that way. Also I have opened
>> them up and installed a three terminal regulator .
>> So the bottom line was I just wanted to see what the "other half" was
>> using before I came up with another set of connectors on the existing
>> rig. I would like to thank you all for taking the time
>> to reply to my posting and sharing your thoughts and experiences.
>> Best 73's, Keith, VE3JKC. ex VE2ANC (1950).
>>
>> On 2/19/2014 7:44 PM, doug pfaff wrote:
>>>
>>> Using walwart with some products in ldg product line causes numerous
>>> operational problems,try a good quality power supply only or aux 12
>>> dc from your rig.
>>> LDG may have a list of wallwart products they have found that work
>>> Can you elaborate which rig your going to use
>>> The numerous number of complaints in this blog on this walwart issue
>>> . if you can avoid the walwart issue do so it should be a lots less
>>> troublesome
>>> My older kenwood TS 50 has a tuner jack that has 12 on it to power
>>> a tuner.
>>> My dc power source is also a12v battery to provide emcomms

>>> operation off gird so one can operatein a disaster.
>>> Think of the recent 10 day toronto power outage and wider southern
>>> ontario outage a fomer Ontarioite living in VE5 and VE7 land.
>>> I was in ontario for both major power blackouts in 1965 and 2004
>>> approx so i know from 1st hand experience what happens
>>> Doug VE5DCP
>>>
>>> ----- Original Message -----
>>> *From:* J. Keith Carter <mailto:j.keith.carter@...>
>>> *To:* LDG-auto-tuners@yahoogroups.com
>>> <mailto:LDG-auto-tuners@yahoogroups.com>
>>> *Sent:* Wednesday, February 19, 2014 8:41 AM
>>> *Subject:* [LDG-auto-tuners] RT-100 RC-100 Power Supply
>>>
>>> New to the group but an old user of LDG products. Have received my
>>> RT-100 and RC-100 and read the manual before pressing forward with
>>> stealth antennas. The manual states that a regulated 12 VDc 500
>>> ma power
>>> supply is recommended but is not required. Has anyone had
>>> experience
>>> with the ubiquitous wall warts. A typical 12 volt 500 ma unit gives
>>> about 16 or more volts at no load dropping to 12 volts at the
>>> spec 500
>>> ma. Would appreciate any input before powering up, many thanks,
>>> Keith,
>>> VE3JKC
>>>
>>>

6692. Re: [LDG-auto-tuners] RT-100 RC-100 Power Supply

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-02-23 19:31:19 UTC
From: Joshua Mesilane
Topic: 6687 Message: 6692

It depends what type of wall wart it is.

Older wall warts with transformers were seldom regulated and if they were, it was pretty crude.

If however your wall wart is a newer, lighter, smaller, switchmode unit then you should be fine. I gave up on unregulated wall warts a long time ago and now only use the switchmode version.

Also. If you're handy with veto board, you could crack open a transformer wall wart, rip our the internals and make your own bridge rectifier, ripple cap and a simple 7812 regulator and problem solved :)

VK3XJM
0416 039 082
http://www.zindello.com.au/
josh@zindello.com.au

> On 23 Feb 2014, at 11:28, "J. Keith Carter" <j.keith.carter@sympatico.ca> wrote:
>
> Hi Gerry, they are listed in the header or subject line as well as my original posting. The RT-100 tuner and the RC-100 controller. Cheers, Keith, VE3JKC
>
>> On 2/22/2014 2:18 PM, VE6LB wrote:
>>
>>
>> You didn't mention the LDG tuner model but I run a AT-1000Pro II using a 1 amp wall wart and have never had a problem.
>>
>> 73, Gerry VE6LB
>>
>>> On 22/02/2014 9:57 AM, J. Keith Carter wrote:
>>>
>>> Many thanks for the replies. The situation that precipitated this request for info goes back to a downsize and condo relocation, so stealth antennas are the name of the game and when LDG
>>> announced the remote tuner I ordered one as a possibility for my situation. I do have a few "good" 20 amp supplies and my Omni VII does have an Aux 13.8V 500 ma accessory connector.
>>> However It's power supply, unlike my Icom that I sold that had three accessory connections, does not have accessory connectors. So the situation is that for a clean set up all my Aux connectors
>>> are taken. I have used the wall wart with success on other items such as my Autek WM-1 wattmeter, but it came that way. Also I have opened them up and installed a three terminal regulator .

>>> So the bottom line was I just wanted to see what the "other half" was using before I came up with another set of connectors on the existing rig. I would like to thank you all for taking the time
>>> to reply to my posting and sharing your thoughts and experiences. Best 73's, Keith, VE3JKC. ex VE2ANC (1950).
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>>>>
>>>> LDG may have a list of wallwart products they have found that work
>>>>
>>>> Can you elaborate which rig your going to use
>>>>
>>>> The numerous number of complaints in this blog on this walwart issue . if you can avoid the walwart issue do so it should be a lots less troublesome
>>>>
>>>> My older kenwood TS 50 has a tuner jack that has 12 on it to power a tuner.
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>>>> My dc power source is also a12v battery to provide emcomms operation off gird so one can operate in a disaster.
>>>>
>>>> Think of the recent 10 day toronto power outage and wider southern ontario outage a fomer Ontarioite living in VE5 and VE7 land.
>>>>
>>>> I was in ontario for both major power blackouts in 1965 and 2004 approx so i know from 1st hand experience what happens
>>>>
>>>>
>>>> Doug VE5DCP
>>>> ----- Original Message -----
>>>> From: J. Keith Carter
>>>> To: LDG-auto-tuners@yahoogroups.com
>>>> Sent: Wednesday, February 19, 2014 8:41 AM
>>>> Subject: [LDG-auto-tuners] RT-100 RC-100 Power Supply
>>>>
>>>>
>>>> New to the group but an old user of LDG products. Have received my
>>>> RT-100 and RC-100 and read the manual before pressing forward with
>>>> stealth antennas. The manual states that a regulated 12 VDc 500 ma power
>>>> supply is recommended but is not required. Has anyone had experience
>>>> with the ubiquitous wall warts. A typical 12 volt 500 ma unit gives
>>>> about 16 or more volts at no load dropping to 12 volts at the spec 500
>>>> ma. Would appreciate any input before powering up, many thanks, Keith,
>>>> VE3JKC
>
>

6693. Anyone have a JT-11P Jupiter Auto-Tuner available?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-02-24 05:10:24 UTC
From: <vtat1271@...>
Topic: 6693 Message: 6693

Curious if anyone has a JT-11P auto tuner for the Ten Tec Jupiter laying about. I realize it's unlikely as these were permanent-install internal auto-tuners. But I've got a Jupiter with no tuner in it, and I'd prefer to put an LDG unit into it versus buying the factory's auto-tuner.

Please email me directly off-list if you have one. My email address is surf_boy82@yahoo.com if it's not listed.

Thanks,

Chris/KF6AJM

6694. Ferrite material in RBA transformers

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-02-26 15:43:52 UTC
From: <g4bbh@...>
Topic: 6694 Message: 6694

Due to accidental use at 100W with no antenna connected the core in my RBA-4:1 has cracked so a rebuild it necessary. My first accident in about 8 years of use. I know it is an FT-125 but not sure what material it is - possibly type 43 or it could be type K? Fortunately I photographed the internals some years ago so can see it is 14 turn bifilar and the connections tally with the manual. Just need to know what core material is needed if anyone knows.
Dick G4BBH

6695. Re: [LDG-auto-tuners] Ferrite material in RBA transformers

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-02-26 16:18:35 UTC
From: Michael Walker
Topic: 6694 Message: 6695

What colour is it?

I suspect that type 2, 43, 61 or K would work, but I am guessing.

Mike va3mw

On Wed, Feb 26, 2014 at 10:43 AM, <g4bbh@...> wrote:

>
>
> Due to accidental use at 100W with no antenna connected the core in my
> RBA-4:1 has cracked so a rebuild it necessary. My first accident in about
> 8 years of use. I know it is an FT-125 but not sure what material it is -
> possibly type 43 or it could be type K? Fortunately I photographed the
> internals some years ago so can see it is 14 turn bifilar and the
> connections tally with the manual. Just need to know what core material is
> needed if anyone knows.
> Dick G4BBH
>
>

6696. Re: [LDG-auto-tuners] Ferrite material in RBA transformers

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-02-26 16:47:55 UTC
From: <g4bbh@...>
Topic: 6694 Message: 6696

This seems to be plain dark grey or black unpainted ferrite. Looking at my Amidon catalogue I see the T125 size is only listed in type K so guess that must be it. Not going to be so easy to obtain type K as type 43. TYpe K has an initial permeability of 290 compared to type 43 with .an initial permeability of 850. I'm not sure if Amidon colour their ferrite cores anyway. I know the iron cores are coloured, for example I use a lot of type 2 (red) iron cores on HF.
Dick G4BBH

6697. Re: [LDG-auto-tuners] Ferrite material in RBA transformers

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-02-26 18:23:18 UTC
From: J. Keith Carter
Topic: 6694 Message: 6697

Back in the good old days LDG published the manuals with parts lists for their products. The then BA-1 4:1 Balun manual had a parts list and it then used the T-130-2 (Amidon etc.) which was a red colored core. I think that they have since changed to a ferrite core but I don't know the spec. I built one with a T-200-2 and while it works it is not as good as 2 Wireman bead baluns in a 4:1 true current configuration that I built later . Good Luck, Keith, VE3JKC.

On 2/26/2014 10:43 AM, g4bbh@... wrote:
>
> Due to accidental use at 100W with no antenna connected the core in my
> RBA-4:1 has cracked so a rebuild it necessary. My first accident in
> about 8 years of use. I know it is an FT-125 but not sure what
> material it is - possibly type 43 or it could be type K?
> Fortunately I photographed the internals some years ago so can see it
> is 14 turn bifilar and the connections tally with the manual. Just
> need to know what core material is needed if anyone knows.
> Dick G4BBH
>
>

6698. Re: [LDG-auto-tuners] Ferrite material in RBA transformers

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-02-26 21:12:22 UTC
From: <ldgyahoo@...>
Topic: 6694 Message: 6698

We got our design from the Sevick transmission line book. At the time, about everyone was making 2KW baluns, So we scaled the design down to 200 watts for 100 watt applications.

Dwayne Kincaid
LDG

6700. Re: AT-1000 PRO II For Sale

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-03-02 10:00:53 UTC
From: Brian Woloshin
Topic: 6699 Message: 6700

You have a resonant antenna on order for all HF bands? Antenna sounds too good to be true. What antenna is that?

I wouldn't be in too much of a hurry to part with that AT-1000 pro II.

73,

Brian
N7BMW

6701. Re: [LDG-auto-tuners] Re: AT-1000 PRO II For Sale

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-03-02 16:53:48 UTC
From: VE6LB
Topic: 6699 Message: 6701

Would be interesting for sure.

Most low band antenna are not flat across the band especially on 80
(unless it's a SteppIR).

Most triband beams are not flat across 20 (unless it's a SteppIR).

73, Gerry VE6LB

On 02/03/2014 3:00 AM, Brian Woloshin wrote:
> You have a resonant antenna on order for all HF bands? Antenna sounds
> too good to be true. What antenna is that?
>
> I wouldn't be in too much of a hurry to part with that AT-1000 pro II.
>
> 73,
>
> Brian
> N7BMW
>
>

--

73, Gerry VE6LB/VA6XDX
DXCC Card Checker- Southern Alberta
VE6 QSL Buro Team Member
http:www.qsl.net/ve6lb/

6702. RE: [LDG-auto-tuners] AT-1000 PRO II For Sale

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-03-02 02:26:19 UTC
From: k4ize
Topic: 6699 Message: 6702

If I had not just bought one, I would take you up on this offer. That said, unless $$$ is a priority, you might want to hold on to it. Except for the Stepper line I have seen very few “resonant” antennas with any gain or good front-to-back that cover entire bands. I have mostly tuned Yagis and am surprised at the recv gain I get from fine-tuning with the 1000Proll. I can only assume that it helps on xmit. Most antennas are pretty narrow-banded.

Good luck es 73,

Bill

K4IZE

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of mikelebron@...
Sent: Saturday, March 01, 2014 2:48 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] AT-1000 PRO II For Sale

For Sale:
LDG AT-1000 PRO II Tuner (Latest Model with Latest Firmware)
Original Box
Original Packing
Original Manual
Original Power Cable

This unit is in like new condition (mint mint mint). I purchased it August 2013 paired up with my FTDX3k and my AL-80B amp. I already have on order a resonant antenna thus this is now excess to my needs. I have the original receipt if you would like to have it.

Price: $365 + shipping

http://forums.qrz.com/showthread.php?426604-LDG-AT-1000-PRO-II-Auto-Tuner

---
This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

[Non-text portions of this message have been removed]

6703. FS LDG AT600 pro 2

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-03-02 15:08:21 UTC
From: <ernest.pollard@...>
Topic: 6703 Message: 6703

I have a LDG AT600 pro 2 for sale. It was purchased in 9/2013 and i just got a bigger amp and have to get something else. It comes with the manual, power cord and shipping box. Asking $265 shipped, I have pics to send if you want.

thanks, Ernie WA1IWD

6704. Re: [LDG-auto-tuners] AT-1000 PRO II For Sale

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-03-02 21:46:21 UTC
From: Craig
Topic: 6699 Message: 6704

I have a Carolina Windom 80 and it does a great job of covering the advertised bands including 30, 17 and 12 meters. I get consistently good performance.

Will be curious as to which one he's getting.

73, Craig

On Mar 1, 2014, at 9:26 PM, "k4ize" <k4ize-bw@...> wrote:

> If I had not just bought one, I would take you up on this offer. That said, unless $$$ is a priority, you might want to hold on to it. Except for the Stepper line I have seen very few “resonant” antennas with any gain or good front-to-back that cover entire bands. I have mostly tuned Yagis and am surprised at the recv gain I get from fine-tuning with the 1000Proll. I can only assume that it helps on xmit. Most antennas are pretty narrow-banded.
>
>
>
> Good luck es 73,
>
>
>
> Bill
>
> K4IZE
>
>
>
> From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of mikelebron@...
> Sent: Saturday, March 01, 2014 2:48 PM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: [LDG-auto-tuners] AT-1000 PRO II For Sale
>
>
>
>
>
>
> For Sale:
> LDG AT-1000 PRO II Tuner (Latest Model with Latest Firmware)
> Original Box
> Original Packing
> Original Manual
> Original Power Cable
>
> This unit is in like new condition (mint mint mint). I purchased it August 2013 paired up with my FTDX3k and my AL-80B amp. I already have on order a resonant antenna thus this is

now excess to my needs. I have the original receipt if you would like to have it.
>
>
> Price: $365 + shipping
>
>
>
> http://forums.qrz.com/showthread.php?426604-LDG-AT-1000-PRO-II-Auto-Tuner
>
>
>
>
>
> ---
> This email is free from viruses and malware because avast! Antivirus protection is
active.
> http://www.avast.com
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo Groups Links
>
>
>

6705. RE: AT-1000 PRO II For Sale

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-03-02 22:52:28 UTC
From: <mikelebron@...>
Topic: 6699 Message: 6705

Not all hf bands...hex beam... 6 to 20 and 40 I use and end fed (which I dont use my amp on as it can't handle it)

I don't have the space for 80 or 160...

The tuner is paying for some of the hex...

I lowered the price to 355 plus shipping firm....

6706. Re: [LDG-auto-tuners] RE: AT-1000 PRO II For Sale

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-03-03 14:07:17 UTC
From: Craig
Topic: 6699 Message: 6706

Interesting antenna, thanks for sharing. 73, Craig

On Mar 2, 2014, at 5:52 PM, <mikelebron@...> wrote:

>
>
> Not all hf bands...hex beam... 6 to 20 and 40 I use and end fed (which I dont use my amp on as it can't handle it)
>
> I don't have the space for 80 or 160...
>
> The tuner is paying for some of the hex...
>
> I lowered the price to 355 plus shipping firm....
>
>
>

6707. LDG Z-11Pro and LDG Z-11Pro II differences

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-03-05 23:22:27 UTC
From: <robert@...>
Topic: 6707 Message: 6707

Looking for a list of the LDG Z-11Pro and LDG Z-11Pro II differences...Uncle Google doesn't seem to help...

73 de Robert AA5FR

PS: Had the LDG Z-11Pro for several years and love it....haven't used it in a while but getting ready to put up some new antennas and wanted to see if the upgrade was worth doing.

6708. Re: [LDG-auto-tuners] LDG Z-11Pro and LDG Z-11Pro II differences

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-03-06 00:33:43 UTC
From: doug pfaff
Topic: 6707 Message: 6708

Contact Dwayne at LDG on this forum for accurate facts or call there tech support folks
Doug VE5DCP

----- Original Message -----
From: robert@...
To: LDG-auto-tuners@yahoogroups.com
Sent: Wednesday, March 05, 2014 3:22 PM
Subject: [LDG-auto-tuners] LDG Z-11Pro and LDG Z-11Pro II differences

Looking for a list of the LDG Z-11Pro and LDG Z-11Pro II differences...Uncle Google doesn't seem to help...

on this forum for accurate fact

73 de Robert AA5FR

PS: Had the LDG Z-11Pro for several years and love it....haven't used it in a while but getting ready to put up some new antennas and wanted to see if the upgrade was worth doing.

This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

6709. RE: LDG Z-11Pro and LDG Z-11Pro II differences

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-03-06 02:18:09 UTC
From: <ve5kc@...>
Topic: 6707 Message: 6709

A search of messages in this Yahoo group will give u this answer:
https://groups.yahoo.com/neo/groups/LDG-auto-tuners/info
https://groups.yahoo.com/neo/groups/LDG-auto-tuners/info

Message #4073
http://groups.yahoo.com/group/LDG-auto-tuners/message/4073
http://groups.yahoo.com/group/LDG-auto-tuners/message/4073
- - - - - - - - - - - -
Re: Z11-PRO II

The only spec that changed is the operating voltage. It's now 6 to 16 volts at 300 mA. That allows 4 AA batteries to power it for about a year. You can even use a 9V battery for a weekend or two.

Dwayne Kincaid
LDG
- - - - - - - - - - - - -
73.. Ken - VE5KC

6710. RE: LDG Z-11Pro and LDG Z-11Pro II differences

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-03-06 03:58:35 UTC
From: <robert@...>
Topic: 6707 Message: 6710

Thanks Dwayne....have never used batteries on mine but did understand that there was an issue using rechargables @1.2v ....

73, Robert AA5FR

6711. clearing memorys in a LDG 600 model 1

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-03-08 00:24:58 UTC
From: <jamesbisch2001@...>
Topic: 6711 Message: 6711

Hello all

Could sombody tell me how to clear the memorys on a 600 model 1 I changed antennas and wanted
to start new settings

Thanks

Len

6712. Re: [LDG-auto-tuners] clearing memorys in a LDG 600 model 1

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-03-08 02:47:00 UTC
From: Jimmy (WB8NBI)
Topic: 6711 Message: 6712

There is no way to clear memories. Just start tuning the new antenna.

DE Jimmy (WB8NBI)

From: jamesbisch2001@...
Sent: Friday, March 7, 2014 7:24 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] clearing memorys in a LDG 600 model 1

Hello all

Could sombody tell me how to clear the memorys on a 600 model 1 I changed antennas and wanted
to start new settings

Thanks

Len

6713. Re: [LDG-auto-tuners] clearing memorys in a LDG 600 model 1

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-03-08 04:45:39 UTC
From: <jamesbisch2001@...>
Topic: 6711 Message: 6713

Thanks Jimmy,

Appreciate the info

Len WA7ZXZ

6715. RT100

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-03-14 22:01:51 UTC
From: <lkubis@...>
Topic: 6715 Message: 6715

Anyone used a RT100 without a balun to feed a non-coax fed antenna like a vertical?
Did it work out well?

Cheers!
Lloyd
VE3ERQ

6716. Re: RT100

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-03-15 10:14:25 UTC
From: David Birnbaum
Topic: 6715 Message: 6716

I've got my RT-100 at the base of a 21 foot vertical with a 2' top hat loading. The RT-100 will tune it on all ham bands 80m and up, most to essentially 1:1, although it gets to 1.5:1 on a few places.

My only reservation is to limit my power on 80 m because my calculations show about 20% loss in the tuner (the reisistance is quite low and very capacitive on 80). I have some concern about power loss on 40, but I run 100w max so that's not likely to be a problem.

dave
k2lyv

6717. full tune or memory tune

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-03-20 12:01:26 UTC
From: <larrylb@...>
Topic: 6717 Message: 6717

Hello I'm a new owner of a LDG AT-200 PROII I have always used a mechanical tuner when I first saw one of these LDG tuners
in action I knew I had to have one.
I don't fully understand how to tell if it uses full scan or memory scan when I key up.
sometimes looking at the LED's the bypass and the ant 2 LED's are lit.
I don't know if it is in auto or manual tune.
I have read and reread the manual but this old mind doesn't function like it once did.
any help would be nice.

Larry KB8EMD

6718. RT-100 wierd behavior

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-03-22 13:14:28 UTC
From: David Birnbaum
Topic: 6718 Message: 6718

I have my RT-100 at the base of my 21' vertical. It works fine except for one glitch: the best SWR is > 3:1 from 14070 to 14080. On either side of this frequency band the SWR is 1:1. When I press the button to do a re-tune, it searches, seems to find a SWR lower than 3:1 (transient) but then settles on something greater (4:1? 5:1 -- my meter doesn't show exact value).

Any suggestions?

dave
k2lyv

6719. Re: [LDG-auto-tuners] RT-100 wierd behavior

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-03-25 23:20:55 UTC
From: Garry Foster
Topic: 6718 Message: 6719

Yes change your antenna or feed line length slightly..

On Sat, Mar 22, 2014 at 9:14 AM, David Birnbaum <dbirnbau@...> wrote:

>
>
> I have my RT-100 at the base of my 21' vertical. It works fine except for
> one glitch: the best SWR is > 3:1 from 14070 to 14080. On either side of
> this frequency band the SWR is 1:1. When I press the button to do a
> re-tune, it searches, seems to find a SWR lower than 3:1 (transient) but
> then settles on something greater (4:1? 5:1 -- my meter doesn't show exact
> value).
>
> Any suggestions?
>
> dave
> k2lyv
>
>
>

6720. Re: weird behavior

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-03-26 22:14:35 UTC
From: David Birnbaum
Topic: 6720 Message: 6720

Doesn't make sense, but tried it anyway. Shortened antenna by 1 foot; no change. Very narrow bandwidth is what's weird; OK (1:1) at 14067.5 or 14082.5 but way high between 070 and 080. Even if I tune it at 067.5, SWR jumps as soon as I go up. Also tuner finds lower SWR setting but continues until settling at higher SWR.

6721. KT-100 on a Yaesu FT-897D

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-03-30 15:22:57 UTC
From: <w6gq@...>
Topic: 6721 Message: 6721

Me being the cheapo I am, I have an 897D and instead of buying a new tuner, how hard would it be to use the KT-100 on the 897? How would I go about doing that?

6722. Re: [LDG-auto-tuners] KT-100 on a Yaesu FT-897D

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-03-30 16:00:44 UTC
From: Leonard K. Pennock
Topic: 6721 Message: 6722

Won't work, sell the KT100 on eBay and get a YT100, AT100 or AT200.

On 03/30/2014 08:22 AM, w6gq@... wrote:
>
>
> Me being the cheapo I am, I have an 897D and instead of buying a new
> tuner, how hard would it be to use the KT-100 on the 897? How would I go
> about doing that?
>
>

--
Leonard K. Pennock
AD7AS

Those who walk bravely through life, unafraid of loss or failure,
find that they very rarely lose or fail.

6723. Re: [LDG-auto-tuners] KT-100 on a Yaesu FT-897D

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-03-30 16:34:49 UTC
From: Tom Chesek
Topic: 6721 Message: 6723

Leonard replied “Won’t work...” and he might be correct but he doesn’t provide any details as to why he is adamant about it. If it were me I would try applying power to the KT-100 via the ground pins (quan 2) and the +12vdc pin as per the picture on page 15 of the manual. I would construct the simple cable/switch to use on the FT-897/857 that puts the radio into “Transmit Request” cw mode and see if the tuner tries to tune by rf sensing (see ACC jack on page 18 of FT-897 manual). If not I would press the tune button on the tuner while still pressing the button on the radio and see if it tunes. You only loose a little time and won’t hurt anything.

Since the FT-897 can be battery operated portable I recommend the LDG Z-11PROII. It runs on batteries or an external 12vdc power source, handles .1 to 125 watts and can be used with any radio. You won’t be locked into a specific brand radio with this tuner.

Good luck and let us know how you make out if you try my suggestion.

Tom K3TVC

From: Leonard K. Pennock
Sent: Sunday, March 30, 2014 12:00
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] KT-100 on a Yaesu FT-897D

Won't work, sell the KT100 on eBay and get a YT100, AT100 or AT200.

On 03/30/2014 08:22 AM, w6gq@... wrote:
>
>
> Me being the cheapo I am, I have an 897D and instead of buying a new
> tuner, how hard would it be to use the KT-100 on the 897? How would I go
> about doing that?
>
>

--
Leonard K. Pennock
AD7AS

Those who walk bravely through life, unafraid of loss or failure,
find that they very rarely lose or fail.

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1432 / Virus Database: 3722/6770 - Release Date: 03/30/14

6724. RE: [LDG-auto-tuners] KT-100 on a Yaesu FT-897D

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-03-30 21:11:37 UTC
From: kf7wxz
Topic: 6721 Message: 6724

I use the kt-100 on my 857d. You need to make a power cable to provide 12v. Switch the radio to 5 watts and AM mode and follow the manual tuning directions for the kt-100. The radio is only connected to the tuner with the antenna connections. You are not using CAT control.
73, Marcus, kf7wxz

--- Original Message ---

From: w6gq@...
Sent: March 30, 2014 8:39 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] KT-100 on a Yaesu FT-897D

Me being the cheapo I am, I have an 897D and instead of buying a new tuner, how hard would it be to use the KT-100 on the 897? How would I go about doing that?

6725. FS: RT-100 Remote Tuner & RC-100 Bias Tee

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-04-04 19:10:52 UTC
From: <phil-z@...>
Topic: 6725 Message: 6725

For Sale: New LDG RC-100 Remote Tuner and RC-100 Bias Tee. Purchased in October, 2013 when they first came out, but never installed. Tested units, work OK but will not be using. With original cartons, manual and accessories. Price $220.00 shipped CONUS. PayPal OK or money-order. Contact off-list. Thanks.
Phil N3ZP
phil-z at comcast.net mailto:phil-z@comcast.net

6726. S9v43, RT100 & RC100

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-04-15 03:04:35 UTC
From: JDO
Topic: 6726 Message: 6726

I have a question. The subject combination worked for a time and then quit tuning. I had a LDG 1:1 Balun inline as a connector. I have tried a 4:1 Unun and a pigtail. Nothing seems to work. Any ideas what to try next ?
Thanks, David

Sent from my iPhone

6727. LDG Alpha Delta Pathfinder SWR LCD indication not working.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-04-19 03:50:32 UTC
From: <froby@...>
Topic: 6727 Message: 6727

I have an Alpha Delta Pathfinder. I think it is still working ok, but I am not getting the bar graph or the numerical indication of the SWR on the LCD panel.

It was working and I really have not been using the tuner much etc.

I know this unit is old and not supported anymore, but just wondering if any has any idea of where to look on the circuit board.
I read an older post on this group today and replaced a couple of diodes, but to no avail.

WA6JFK

6728. Re: [LDG-auto-tuners] LDG Alpha Delta Pathfinder SWR LCD indication not working.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-04-19 22:27:12 UTC
From: wa9dgm@...
Topic: 6727 Message: 6728

They were built by ldg. 73 John

On Apr 18, 2014, at 20:50, <froby@earthlink.net> wrote:

> I have an Alpha Delta Pathfinder.
>
> I think it is still working ok, but I am not getting the bar graph or the numerical indication of the SWR on the LCD panel.
>
> It was working and I really have not been using the tuner much etc.
>
> I know this unit is old and not supported anymore, but just wondering if any has any idea of where to look on the circuit board.
> I read an older post on this group today and replaced a couple of diodes, but to no avail.
>
> WA6JFK
>

6729. SWR bridge adjustment of a Z11

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-04-20 21:44:27 UTC
From: <philip.g7jur@...>
Topic: 6729 Message: 6729

Can anyone help. I have a Z11 I built from a kit.
What is the procedure for adjusting the SWR bridge.
Philip g7jur

6731. Re: SWR bridge adjustment of a Z11

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-04-21 21:15:11 UTC
From: <philip.g7jur@...>
Topic: 6729 Message: 6731

With help from Albert, and investigation from myself, this is how its done.

With 10 watts forward power at 14 MHz adjust the cap for minimum voltage on REV test point (I got 10mV) then you set FWD pot to give 3 volts on the FWD test point.
Then reverse the TX and ANT connectors and adjust the REV pot to give 3 volts on the REV test point.
I then connected a dummy load of 25 ohms this will give a SWR of 2 to 1. the amber LED lit indicating a SWR 2.0

That is how I found mine was set-up, and that's how I remembered it to be.

6732. Re: weird behavior

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-04-28 17:32:32 UTC
From: <jcaplins@...>
Topic: 6720 Message: 6732

As was said earlier try changing the antenna feedline length - This may have more effect than changing the antenna length. I also have a RT100 and so far it has worked excellently. This past week I took it on a trip to N Dakota to visit my stepson. His apartment was on the third floor. I used an alligator clip to his window frame for one side of the antenna, set the RT on the ledge and just dropped the wire outside the window for the other side. Have no idea where it was resonate but it tuned up clear across the 40/20/15/10 meter bands without a hiccup.

6733. Re: S9v43, RT100 & RC100

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-04-28 17:38:00 UTC
From: <jcaplins@...>
Topic: 6726 Message: 6733

Not sure I understand, was the balun put between the tuner and the rig? If so you may have shorted the power injector to ground thru the balun. Check the power injector for output voltage.

6734. RE: [LDG-auto-tuners] Re: S9v43, RT100 & RC100

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-04-28 18:17:06 UTC
From: David Overton
Topic: 6726 Message: 6734

It is a unun and it is between the turner and the antenna. There is nothing between the tuner and the power injector.

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of jcaplins@hotmail.com
Sent: Monday, April 28, 2014 12:38 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: S9v43, RT100 & RC100

Not sure I understand, was the balun put between the tuner and the rig? If so you may have shorted the power injector to ground thru the balun. Check the power injector for output voltage.

6735. RE: [LDG-auto-tuners] Re: weird behavior

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-04-28 22:03:05 UTC
From: Larry Syverson
Topic: 6720 Message: 6735

It never ceases to amaze me how resourceful HAMs are… that's almost as good a using the rain gutter as an antenna. Seriously, I was talking to a guy in Canada one night on the 40M band that was using his rain gutter as an antenna! HAMs could probably solve half the world's problems if they'd turn things over to us. J

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com] On Behalf Of jcaplins@...
Sent: Monday, April 28, 2014 10:33 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: weird behavior

As was said earlier try changing the antenna feedline length - This may have more effect than changing the antenna length.

I also have a RT100 and so far it has worked excellently. This past week I took it on a trip to N Dakota to visit my stepson. His apartment was on the third floor. I used an alligator clip to his window frame for one side of the antenna, set the RT on the ledge and just dropped the wire outside the window for the other side. Have no idea where it was resonate but it tuned up clear across the 40/20/15/10 meter bands without a hiccup.

6736. AT 1000 Pro11 noise

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-04-30 12:13:44 UTC
From: <wa7ag@...>
Topic: 6736 Message: 6736

I don't know if this "issue" has been discussed or not.
I have an LDG AT1000Pro11 that I have had for about a year now,and

after it tunes,my noise floor is at least a seven or eight on my
YAESU FT 857D.

If I turn the tuner off,the noise goes away,and the SWR goes back up.
Sounds like there RF coming from the tuner itself .
The power supply is on the floor about two feet away from the radio and
tuner,and I have a power strip that feeds the 12 volts to the radio
and tuner,and external meters . I also have ferrit beads on all power

leads .I might add that the noise is not just limited to a few bands,
but all from 10 to 75 meters .
I bought this tuner new,and the noise has been there the whole time.
Anyone else have this "issue " ?
73,
Art
wa7ag

6737. Re: [LDG-auto-tuners] AT 1000 Pro11 noise

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-04-30 14:24:39 UTC
From: VE6LB
Topic: 6736 Message: 6737

It depends if the noise level increase is due to power supply noise of just best antenna matching.

My noise level goes up significantly when the tuner has a good match as opposes to a bypassed bad match, especially on the lower bands. I'm using a 43' vertical. I think you can tell is this is the case base on Signal to Noise ration. A bad match will have the same S/N, just a lower level.

The only other noise source likely is from the power supply. If you think that might the source, try a 1 amp or better 12 volt power supply. Some say wall warts have been noisy (mine is fine).

73,
Gerry VE6LB/VA6XDX
DXCC, VUCC, WAS Card Checker-Southern Alberta
VE/VA6 QSL Bureau Team
(403) 251-0384
ve6lb@...
http://www.qsl.net/ve6lb/
From: wa7ag@...
Sent: Wednesday, April 30, 2014 06:13
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] AT 1000 Pro11 noise

I don't know if this "issue" has been discussed or not.

I have an LDG AT1000Pro11 that I have had for about a year now,and

after it tunes,my noise floor is at least a seven or eight on my

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but all from 10 to 75 meters .

I bought this tuner new,and the noise has been there the whole time.

Anyone else have this "issue " ?

73,

Art

wa7ag

6738. Re: [LDG-auto-tuners] AT 1000 Pro11 noise

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-04-30 15:04:52 UTC
From: cpu_nut
Topic: 6736 Message: 6738

It's most like just noise on the band because of a good match. SWR works both ways on receive and transmit. Try disconnecting the antenna with the power supply on and I bet the noise goes away. Unless the antenna is right next to your house it will show the noise is just from the band and due to a better match.

73,

Craig

From: "wa7ag@..." <wa7ag@...>
To: LDG-auto-tuners@yahoogroups.com
Sent: Wednesday, April 30, 2014 8:13 AM
Subject: [LDG-auto-tuners] AT 1000 Pro11 noise

I don't know if this "issue" has been discussed or not.
 I have an LDG AT1000Pro11 that I have had for about a year now,and

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  Sounds like there RF coming from the tuner itself .
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but all from 10 to 75 meters .
  I bought this tuner new,and the noise has been there the whole time.
Anyone else have this "issue " ?
73,
Art
wa7ag

6739. Re: [LDG-auto-tuners] AT 1000 Pro11 noise

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-04-30 15:15:57 UTC
From: Tom Chesek
Topic: 6736 Message: 6739

ditto here.

Tom K3TVC

From: VE6LB
Sent: Wednesday, April 30, 2014 10:24
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] AT 1000 Pro11 noise

It depends if the noise level increase is due to power supply noise of just best antenna matching.

My noise level goes up significantly when the tuner has a good match as opposes to a bypassed bad match, especially on the lower bands. I'm using a 43' vertical. I think you can tell is this is the case base on Signal to Noise ration. A bad match will have the same S/N, just a lower level.

The only other noise source likely is from the power supply. If you think that might the source, try a 1 amp or better 12 volt power supply. Some say wall warts have been noisy (mine is fine).

73,
Gerry VE6LB/VA6XDX
DXCC, VUCC, WAS Card Checker-Southern Alberta
VE/VA6 QSL Bureau Team
(403) 251-0384
ve6lb@...
http://www.qsl.net/ve6lb/
From: wa7ag@...
Sent: Wednesday, April 30, 2014 06:13
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] AT 1000 Pro11 noise

I don't know if this "issue" has been discussed or not.

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leads .I might add that the noise is not just limited to a few bands,

but all from 10 to 75 meters .

I bought this tuner new,and the noise has been there the whole time.

Anyone else have this "issue " ?

73,

Art

wa7ag

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1432 / Virus Database: 3722/6906 - Release Date: 04/28/14

6740. Re: [LDG-auto-tuners] AT 1000 Pro11 noise

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-04-30 15:51:32 UTC
From: Jimmy (WB8NBI)
Topic: 6736 Message: 6740

Same here good match on antenna more noise bad match less noise.

DE Jimmy (WB8NBI)

From: Tom Chesek
Sent: Wednesday, April 30, 2014 11:15 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] AT 1000 Pro11 noise

ditto here.

Tom K3TVC

From: VE6LB
Sent: Wednesday, April 30, 2014 10:24
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] AT 1000 Pro11 noise

It depends if the noise level increase is due to power supply noise of just best antenna matching.

My noise level goes up significantly when the tuner has a good match as opposes to a bypassed bad match, especially on the lower bands. I'm using a 43' vertical. I think you can tell is this is the case base on Signal to Noise ration. A bad match will have the same S/N, just a lower level.

The only other noise source likely is from the power supply. If you think that might the source, try a 1 amp or better 12 volt power supply. Some say wall warts have been noisy (mine is fine).

73,
Gerry VE6LB/VA6XDX
DXCC, VUCC, WAS Card Checker-Southern Alberta
VE/VA6 QSL Bureau Team
(403) 251-0384
ve6lb@telus.net
http://www.qsl.net/ve6lb/
From: wa7ag@...
Sent: Wednesday, April 30, 2014 06:13
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] AT 1000 Pro11 noise

I don't know if this "issue" has been discussed or not.

I have an LDG AT1000Pro11 that I have had for about a year now,and

after it tunes,my noise floor is at least a seven or eight on my

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and tuner,and external meters . I also have ferrit beads on all power

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but all from 10 to 75 meters .

I bought this tuner new,and the noise has been there the whole time.

Anyone else have this "issue " ?

73,

Art

wa7ag

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1432 / Virus Database: 3722/6906 - Release Date: 04/28/14

6741. LDG RT-11

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-05-02 21:39:04 UTC
From: <ki8du1@...>
Topic: 6741 Message: 6741

I have a bad Capacitor : C30 on my LDG - RT-11 autuner. The board Version is LDG V3.3G. Can anyone give me the value of the Cap? Mine is fried.

Thanks in Advance

Roger / KI8DU

6742. Re: [LDG-auto-tuners] LDG RT-11

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-05-02 22:09:32 UTC
From: cpu_nut
Topic: 6741 Message: 6742

Does it look similar in size to C29 and C31? If so, it is the same as those, 0.01uF and you can get the voltage rating from the other ones.

Considering where it is in the circuit, there may be other damage. Did you have a lightning strike?

73, Craig

From: "ki8du1@..." <ki8du1@...>
To: LDG-auto-tuners@yahoogroups.com
Sent: Friday, May 2, 2014 5:39 PM
Subject: [LDG-auto-tuners] LDG RT-11

I have a bad Capacitor : C30 on my LDG - RT-11 autuner. The board Version is LDG V3.3G. Can anyone give me the value of the Cap? Mine is fried.

Thanks in Advance

Roger / KI8DU

6743. Re: [LDG-auto-tuners] LDG RT-11

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-05-03 00:15:52 UTC
From: <ki8du1@...>
Topic: 6741 Message: 6743

Okay.... to my surprise I emailed LDG about 20 mins after 5PM eastern. I quickly got a response back from Dwayne. He said that C30 was 150 pF.

The closest that I can find in the junk box is a 220pF. The only thing is, I don't see a voltage rating for the 221 cap. If there is no marking for voltage tolerances, what would be the expected rating since its not marked. I think that I need at least a 500V rated cap.

So what would a 221 tolerance indicate since there is no rating or marking ? And do you think the plain ole 221 will suffice?

FYI C29 = 82pF, C31 = 330pf @ 1Kv

Thanks again

Roger

6744. Re: [LDG-auto-tuners] LDG RT-11

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-05-03 12:21:32 UTC
From: Craig
Topic: 6741 Message: 6744

Looks like you have a different PCB version than I do. Those value progressions seem to indicate they are the RF tuning capacitors (each step is approximately double) so you probably should find a 150 pF. I don't know the voltage rating.

73, Craig

On May 2, 2014, at 8:15 PM, <ki8du1@...> wrote:

>
>
> Okay.... to my surprise I emailed LDG about 20 mins after 5PM eastern. I quickly got a response back from Dwayne. He said that C30 was 150 pF.
>
>
>
> The closest that I can find in the junk box is a 220pF. The only thing is, I don't see a voltage rating for the 221 cap. If there is no marking for voltage tolerances, what would be the expected rating since its not marked. I think that I need at least a 500V rated cap.
>
>
>
> So what would a 221 tolerance indicate since there is no rating or marking ? And do you think the plain ole 221 will suffice?
>
>
>
> FYI C29 = 82pF, C31 = 330pf @ 1Kv
>
>
>
> Thanks again
>
>
>
> Roger
>
>
>
>

6745. Re: [LDG-auto-tuners] LDG RT-11

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-05-03 17:10:08 UTC
From: morsenut
Topic: 6741 Message: 6745

Sent from my LG Optimus G™, an AT&T 4G LTE smartphone

------ Original message ------
From: Craig
Date: 5/3/2014 8:21 AM
To: LDG-auto-tuners@yahoogroups.com;
Subject:Re: [LDG-auto-tuners] LDG RT-11

Looks like you have a different PCB version than I do. Those value progressions seem to indicate they are the RF tuning capacitors (each step is approximately double) so you probably should find a 150 pF. I don't know the voltage rating.

73, Craig

On May 2, 2014, at 8:15 PM, <ki8du1@juno.com> wrote:

Okay.... to my surprise. UN. Nbbno bin. Boo no b. Bbmk. Ibinm nah. n n. Bmm v mm mmnmv, hmm cm up. K. Uu bmp Chinook non mm mm,bi. Noon n uvnnk mm ? Cm.n. no. Nmo I emailed LDG about 20 mins after 5PM eastern. I quickly got a response back from Dwayne. He said that C30 was 150 pF.

The closest that I can find in the junk box is a 220pF. The only thing is, I don't see a voltage rating for the 221 cap. If there is no marking for voltage tolerances, what would be the expected rating since its not marked. I think that I need at least a 500V rated cap.

So what would a 221 tolerance indicate since there is no rating or marking ? And do you think the plain ole 221 will suffice?

FYI C29 = 82pF, C31 = 330pf @ 1Kv

Thanks again

Roger

6746. Re: [LDG-auto-tuners] LDG RT-11

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-05-03 16:37:48 UTC
From: ki8du1@juno.com
Topic: 6741 Message: 6746

Well I found a 220pF 1kv cap from the junk box closest to the value that I could come up with and installed it. It didn't fix the tuning issues of the auto tuner. How ever it does work ok on 10 mtrs.

On a couple other bands it will tune up (good swr) but as I continue with a dead key up, the swr steadily/slowly increases to (too) high SWR readings.

So its looking like there is another issue of a component breaking down somewhere . :(

I've searched for other components for warming temps but could not find any others heating up.

I did not see any other visual indications of component failure so I guess I'm just out of luck. LDG will not send a schematic :(

Guess 'm outta luck

Roger

Roger / KI8DU in WV

~ Sent via my Darned HP 6400 3.2 GHz Dual Core PC ~

****

Please note: message attached

From: Craig <cpu_nut@...>
To: "LDG-auto-tuners@yahoogroups.com" <LDG-auto-tuners@yahoogroups.com>
Subject: Re: [LDG-auto-tuners] LDG RT-11
Date: Sat, 3 May 2014 08:21:32 -0400

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[Non-text portions of this message have been removed]

6747. Re: [LDG-auto-tuners] LDG RT-11

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-05-04 18:16:56 UTC
From: Craig
Topic: 6741 Message: 6747

You really should get a 150pF and try it before you write off the tuner. The progression of the tuning capacitor chain is approximately doubling the value on each leg. The 220pF is close to triple the value of the one below and only 2/3 of the one above. This could be confusing the tuning algorithm.

Maybe LDG will send you one if you ask?

73, Craig

On May 3, 2014, at 4:37 PM, "ki8du1@..." <ki8du1@...> wrote:

> Well I found a 220pF 1kv cap from the junk box closest to the value that I could come up with and installed it. It didn't fix the tuning issues of the auto tuner. How ever it does work ok on 10 mtrs.
>
>
> On a couple other bands it will tune up (good swr) but as I continue with a dead key up, the swr steadily/slowly increases to (too) high SWR readings.
>
>
> So its looking like there is another issue of a component breaking down somewhere
> . :(
>
>
> I've searched for other components for warming temps but could not find any others heating up.
>
>
> I did not see any other visual indications of component failure so I guess I'm just out of luck. LDG will not send a schematic :(
>
>
> Guess 'm outta luck
>
>
> Roger
>
>
>
>
>
> Roger / KI8DU in WV
>
>
> ~ Sent via my Darned HP 6400 3.2 GHz Dual Core PC ~
>

>
> **
>
>
> Please note: message attached
>
>
> From: Craig <cpu_nut@...>
> To: "LDG-auto-tuners@yahoogroups.com" <LDG-auto-tuners@yahoogroups.com>
> Subject: Re: [LDG-auto-tuners] LDG RT-11
> Date: Sat, 3 May 2014 08:21:32 -0400
>
>
>
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> --
> Old School Yearbook Pics
> View Class Yearbooks Online Free. Search by School & Year. Look Now!
> http://thirdpartyoffers.juno.com/TGL3131/53651b9a9faa71b9a51abst01duc
>
>
> [Non-text portions of this message have been removed]
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> ------------------------------------
>
> Yahoo Groups Links
>
>
>

6748. ft-817nd for sale!!

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-05-05 00:25:59 UTC
From: <mbled2@...>
Topic: 6748 Message: 6748

hello group

I am selling my barely used yaesu ft-817nd. included in the auction are: yaesu 817nd with original box and documentation, rt systems version 4 programming software cd, rt systems usb-62b programming cable, extra yaesu e-dc-6 power cable, original hand mic (mh-31), original ac adaptor (pa-48b), original rechargeable battery (fhb-85), AA battery tray, original rubber duck antenna with both long and short tips, original carry strap, the after market peg-leg kit has been installed, the yaesu txco-9 has been installed, the w4rt collins mechanical 2.3khz filter has been installed, this radio was purchased in may 2013 with the hopes of joining me on a back packing trip however that never happened and i used it mainly as a bedside shortwave receiver, i have not transmitted on hf due to not having a tuner. the radio has always been in a non-smoking environment, the serial number is: 3e230842. THERE IS A SCRATCH ON THE TOP CASE COVER LID PLEASE SEE PHOTOS, when removing screws to remove the top lid and install the optional filter the screwdriver slipped, i was bummed as this happened on day one i had not even powered it up yet, other than the scratch the radio is in excellent condition. item is sold as-is no warranty, no returns, no refunds, item is shipped only to addresses in the 48 continental united states, payment via paypal only, SHIPPING IS FREE!! If the winning bid is with the "buy it now option" or the winning amount is above the $800.00 buy it now price i will include the pictured fun cube dongle pro + at no extra charge.

please copy/paste this link to view the auction:
http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=261472028759

or search ebay for item number: 261472028759
thank you and 73

ab8wl

6749. YT-100 with Yaesu FT-857D and RT Systems USB-62 cable

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-05-08 16:35:11 UTC
From: <rds@...>
Topic: 6749 Message: 6749

Hi,

have a problem with the combo above.

The YT-100 is connected with the FT-857D via the CAT cable. Tuning without no problem, everything is ok.

If I connect the RT Systems USB-62 cable with the Computer port at the YT-100 the Tuner doesn't work anymore, means no tuning cycles.

I have this problem too even if the software is not running and the cable is not connected with the compuer.

Any idea ?

Many thanks in advance

Rolf

6750. LDG AT-200 PRO11 AUTOTUNER

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-05-11 09:56:34 UTC
From: tylee891@...
Topic: 6750 Message: 6750

Hi,

Can you help me...when i tune on low power about 8 watts the swr is very low 1.1....when i switch on my amplifier and transmit it is 2.1 swr how can i reduce the swr when amlplifier is working....

thanks jim tylee g4rek

6751. Re: [LDG-auto-tuners] LDG AT-200 PRO11 AUTOTUNER

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-05-11 11:11:16 UTC
From: Jimmy (WB8NBI)
Topic: 6750 Message: 6751

What time of Amp do you have?

DE Jimmy (WB8NBI)

From: mailto:LDG-auto-tuners@yahoogroups.com
Sent: Sunday, May 11, 2014 5:56 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] LDG AT-200 PRO11 AUTOTUNER

Hi,

Can you help me...when i tune on low power about 8 watts the swr is very low 1.1....when i switch on my amplifier and transmit it is 2.1 swr how can i reduce the swr when amlplifier is working....

thanks jim tylee g4rek

6752. Re: [LDG-auto-tuners] LDG AT-200 PRO11 AUTOTUNER

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-05-11 11:48:01 UTC
From: Jim Tylee
Topic: 6750 Message: 6752

Hi,
Its the kl 300-p amplifier
jim g4rek

On Sun, May 11, 2014 at 12:11 PM, 'Jimmy (WB8NBI)'
wb8nbi@...[LDG-auto-tuners]
<LDG-auto-tuners@yahoogroups.com> wrote:

>
>
> What time of Amp do you have?
>
> DE Jimmy (WB8NBI)
>
> *From:* mailto:LDG-auto-tuners@yahoogroups.com<LDG-auto-tuners@yahoogroups.com>
> *Sent:* Sunday, May 11, 2014 5:56 AM
> *To:* LDG-auto-tuners@yahoogroups.com
> *Subject:* [LDG-auto-tuners] LDG AT-200 PRO11 AUTOTUNER
>
>
>
> Hi,
>
> Can you help me...when i tune on low power about 8 watts the swr is
> very low 1.1....when i switch on my amplifier and transmit it is 2.1 swr
> how can i reduce the swr when amlplifier is working....
>
> thanks jim tylee g4rek
>
>
>

6753. Re: [LDG-auto-tuners] LDG AT-200 PRO11 AUTOTUNER

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-05-11 13:57:49 UTC
From: Charles Scott
Topic: 6750 Message: 6753

Jim:

Just to make sure, is the tuner installed on the output of the amplifier
or between the radio and the amplifier?

What bands and what kind of antenna are you using?

Chuck - N8DNX

On 5/11/2014 5:56 AM, tylee891@... [LDG-auto-tuners] wrote:
>
>
> Hi,
>
> Can you help me...when i tune on low power about 8 watts the swr
> is very low 1.1....when i switch on my amplifier and transmit it is
> 2.1 swr how can i reduce the swr when amlplifier is working....
>
> thanks jim tylee g4rek
>
>
>
>

--
Charles Scott, President
Gaslight Media
120 E. Lake Street
Petoskey, MI 49770
http://www.gaslightmedia.com

E-Mail: cscott@...
Office: 231-487-0692

6754. Re: [LDG-auto-tuners] LDG AT-200 PRO11 AUTOTUNER

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-05-11 14:36:29 UTC
From: Jim Tylee
Topic: 6750 Message: 6754

Yes its installed correctly after the amplifier doublet aerial plugged
into the AT-200 PR0 11 TUNER....Is it possible the amplifier is putting out
something it should not be ?????
IF i key up 150 watts out after tuning on low power 7 watts am the
reading is 2.1 swr in this state can i using the front controls on the
tuner to reduce this high swr????
thanks jim tylee g4rek

On Sun, May 11, 2014 at 2:57 PM, Charles Scott
cscott@gaslightmedia.com[LDG-auto-tuners]
<LDG-auto-tuners@yahoogroups.com> wrote:

>
>
> Jim:
>
> Just to make sure, is the tuner installed on the output of the amplifier
> or between the radio and the amplifier?
>
> What bands and what kind of antenna are you using?
>
> Chuck - N8DNX
>
>
> On 5/11/2014 5:56 AM, tylee891@... [LDG-auto-tuners] wrote:
>
> Hi,
>
> Can you help me...when i tune on low power about 8 watts the swr is
> very low 1.1....when i switch on my amplifier and transmit it is 2.1 swr
> how can i reduce the swr when amlplifier is working....
>
> thanks jim tylee g4rek
>
>
> --
> *Charles Scott*, President
> Gaslight Media
> 120 E. Lake Street
> Petoskey, MI 49770
> http://www.gaslightmedia.com
>
> E-Mail: cscott@gaslightmedia.com
> Office: 231-487-0692
>

>
>

6755. Re: [LDG-auto-tuners] LDG AT-200 PRO11 AUTOTUNER

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-05-12 00:48:31 UTC
From: Charles Scott
Topic: 6750 Message: 6755

Jim:

Good on the installation and antenna.

My next question is what are you using to measure the SWR and is it sensitive enough for good reflected power readings at 8W forward power? A 2.1 SWR at 8W forward is less than a watt. Some SWR meters don't read that so well. If your reflected power is below the detection level at low power, then it will read 1:1 and as you increase power and get to the point where the reflected power is being properly detected, you'll start to see higher SWR indicated.

It is possible, however, that there's problems with your antenna, balun, feed-line and such that would cause the effective tuning of the antenna to shift slightly at higher power. However, you should look at your measurements first.

Messing with the tuner solution at high power will put additional stress on the relay contacts and may not be advisable unless the tuner is rated for tuning at that power level.

Chuck - N8DNX

On 5/11/2014 10:36 AM, Jim Tylee tylee891@... [LDG-auto-tuners] wrote:
>
>
> Yes its installed correctly after the amplifier doublet aerial
> plugged into the AT-200 PR0 11 TUNER....Is it possible the amplifier
> is putting out something it should not be ?????
> IF i key up 150 watts out after tuning on low power 7 watts am the
> reading is 2.1 swr in this state can i using the front controls on the
> tuner to reduce this high swr????
> thanks jim tylee g4rek

6756. AT-1000PROII Antenna Switching

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-05-15 18:00:48 UTC
From: joshua_meadowcroft@...
Topic: 6756 Message: 6756

Hi All,
I'm new to the group. I've search the forum but haven't seen my question. If it's around please provide a link. Thanks.

I'm in a planing stage for building a remote operation station away from the base shack. I'd like to be ale to remotely tune and switch between antennas. I have an FT-857d and using Ham Radio Deluxe on the base station laptop. I'd like to be able to log into my station from other QTH's and be able to switch and tune antennas. Hope that makes sense.

Anyway, I'm interested in the AT-1000PROII because it can tune when it's keyed. However, it only has 2 antenna connections. I'm looking at the RCS-10L also.

Can the AT-1000II and RCS-10L be linked somehow? Does LDG have another devise that can link to the AT-1000II to offer more switching option?

Thanks - 73,
Joshua
K4TBJ

6757. Re: [LDG-auto-tuners] LDG AT-200 PRO11 AUTOTUNER

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-05-15 08:38:06 UTC
From: asiviero@...
Topic: 6750 Message: 6757

Hi all,
I recently purchased in Italy the above AT. While the shack was unattended by me, for a home emergency, the computer started transmission, for a Ham Radio Deluxe malfunctioning or any other mysterious reason, and the rig ic718 continued to transmit for 15 minutes. When I went back to the shack, the AT was very hot, smoking a bit, and the rig as well. Switched off at once, after one hour switched on again, and it worked, but with a very bad smell. For few days I used it, but the smell was increasing, so I decided to give a look, openng the box.
One toroid was completely burned, but still working even if with a big resistance, and therefore a heat generation. Consequently, the adjacent relays was partly fused, and that was the smell, because the burned toroid was still heating the relay.
I think that this problem, using a 100watt rig like Icom IC718, on an AT Tuner that should stand 200watts, should not happen.
Anyhow, I asked LDG the service manual to repair the tuner, and LDG (Dwayne Kincaid of LDG Electronics Inc) replyed me that:
Hello,
We do not have a service manual for the tuner.
Dwayne Kincaid

So I asked at least a schematic diagram of the tuner, and:
Schematics are not available.

was the answer!
Astonishing, after sales service inexistent, same quality as the tuner, claimed to be built for 200watts max power and burned by 100watts, even for 15minutes continuosly.
Do you think that I'll recommend the tuner for quality and company service?
Attilio IU2BRO

6758. Re: [LDG-auto-tuners] LDG AT-200 PRO11 AUTOTUNER

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-05-15 19:00:08 UTC
From: roland@...
Topic: 6750 Message: 6758

I have a YT-450 which I use with my FT-950. I have not left my rig on but I have had a similar problem.
Same reply from LDG too.
I don't understand why they won't let us have the circuit etc. All other reputable manufacturers will or do supply the circuit. Maybe they just want to make more money with the repair business.
They told me to send my unit back to them. The costs involved in sending it back to the States is just not practical.
I have heard of others that have had these sorts of problems.
Looks to me as if their products need to be down rated.
None of my friends who use the internal ATU in their rigs have had problems and that includes Kenwood, Icom and Yaesu.

Don't think I will buy LDG again, might be better to go for one of the Icom marine ATUs which you can pick up at every reasonable price on eBay from time to time.
Roley G3VIR

---In LDG-auto-tuners@yahoogroups.com, <asiviero@...> wrote :

Hi all,
I recently purchased in Italy the above AT. While the shack was unattended by me, for a home emergency, the computer started transmission, for a Ham Radio Deluxe malfunctioning or any other mysterious reason, and the rig ic718 continued to transmit for 15 minutes. When I went back to the shack, the AT was very hot, smoking a bit, and the rig as well. Switched off at once, after one hour switched on again, and it worked, but with a very bad smell.
For few days I used it, but the smell was increasing, so I decided to give a look, openng the box.
One toroid was completely burned, but still working even if with a big resistance, and therefore a heat generation. Consequently, the adjacent relays was partly fused, and that was the smell, because the burned toroid was still heating the relay.
I think that this problem, using a 100watt rig like Icom IC718, on an AT Tuner that should stand 200watts, should not happen.
Anyhow, I asked LDG the service manual to repair the tuner, and LDG (Dwayne Kincaid of LDG Electronics Inc) replyed me that:
Hello,
We do not have a service manual for the tuner.
Dwayne Kincaid

So I asked at least a schematic diagram of the tuner, and:
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was the answer!
Astonishing, after sales service inexistent, same quality as the tuner, claimed to be built for 200watts max power and burned by 100watts, even for 15minutes continuosly.
Do you think that I'll recommend the tuner for quality and company service?
Attilio IU2BRO

6759. Re: [LDG-auto-tuners] AT-1000PROII Antenna Switching

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-05-15 19:17:34 UTC
From: james fisher
Topic: 6756 Message: 6759

I plan on doing the same, except two antenna options are enough.
Can [would you want to] put up a multi-band antenna, which is what I have now.

I should have two multi-band ants which should cover all I need.
Is it possible to switch antennas remotely using the LDG AT-1000 Proll ?
If so how?

Thanks
James
On Thursday, May 15, 2014 12:05 PM, "joshua_meadowcroft@yahoo.com [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:

Hi All,
I'm new to the group. I've search the forum but haven't seen my question. If it's around please provide a link. Thanks.

I'm in a planing stage for building a remote operation station away from the base shack. I'd like to be ale to remotely tune and switch between antennas. I have an FT-857d and using Ham Radio Deluxe on the base station laptop. I'd like to be able to log into my station from other QTH's and be able to switch and tune antennas. Hope that makes sense.

Anyway, I'm interested in the AT-1000PROII because it can tune when it's keyed. However, it only has 2 antenna connections. I'm looking at the RCS-10L also.

Can the AT-1000II and RCS-10L be linked somehow? Does LDG have another devise that can link to the AT-1000II to offer more switching option?

Thanks - 73,
Joshua
K4TBJ

6760. Re: [LDG-auto-tuners] AT-1000PROII Antenna Switching

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-05-15 20:00:38 UTC
From: joshua_meadowcroft@...
Topic: 6756 Message: 6760

switching remotely is another ingredient in the mix. I've heard the LDG DTS-6 (no longer in production) can be configured. The following link has been a starting point for me. Seems very thorough .... it also seems like there's got to be an easier way.

HF Remote http://web.paulbunyan.net/jcrisman/index_files/W0JECProjects2.htm

http://web.paulbunyan.net/jcrisman/index_files/W0JECProjects2.htm

HF Remote http://web.paulbunyan.net/jcrisman/index_files/W0JECProjects2.htm Introduction to Operating HF Remote In order to operate your HF station remotely you will need: Rig(s) that can be controlled by the home computer throu...

View on web.paulbunyan.net
http://web.paulbunyan.net/jcrisman/index_files/W0JECProjects2.htm
Preview by Yahoo

6761. Re: AT-1000PROII Antenna Switching

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-05-15 20:04:49 UTC
From: joshua_meadowcroft@...
Topic: 6756 Message: 6761

I would like to have the option of having he more antenna's available. That's why I'd like the RCS-10L. It's got 8 antenna connections. It's probably over kill but it's only $20 more then the RCS-4L that gives 4 connections. Mind as well get 8. :)

6762. Re: [LDG-auto-tuners] LDG AT-200 PRO11 AUTOTUNER

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-05-15 23:13:31 UTC
From: ki8du1@...
Topic: 6750 Message: 6762

I just experienced the same thing from LDG last week.

A couple weeks ago I bought an IC-706 and an older LDG RT-11. It took me a couple days to try out my new purchase. It was "all" to be in working condx.

Well when I hooked it all up I discovered the tuner was not working correctly. So I opened the box (tunner case) and noticed right off that a cap was fried.

So, I called LDG and they identified the value of the cap for me. Since the cap was fried I expected other parts nearby to be damage as well.

When I called them up (actually all correspondence was via emails) they offered to send me a new cap and any other parts that may be needed. I then asked them for a schematic.

At that point they ask me why I needed a schematic? (duh!) The answer also was - no.

What it is, is LDG schematics are proprietary documents. In other words they won't give out schematics period !

After that, all I could do was to probe around to check a few other parts but couldn't locate any other defective components or burnt traces.

Since I did not have, or could not find a cap locally, I decided to use the closest rated cap that I had in the parts box. I installed it but still no glory.

In reading one of the email replies from LDG they told me that I could send it in to them and that there would be no charges for an evaluation (that was good news) and they would let me know of my options forthcoming.

I was reluctant to send it to them, simply because I contemplated whether or not the juice would be worth the squeeze. ($$$)

So now, I'm awaiting for a response from them. At that time I'll make the decision as to to write the tuner off or simply buy another tuner.

As for you looking for a specific tuner, model etc; Do your research on the particular tuner(s) that you have in mind. You can find out by reading the reviews of any said tuner. Then, determine what Product & Manufacturer to Order from.

Just Google the product you are interested, Look for Eham.net reviews.

Eham.net is your friend..... look up your "interest" and read the reviews of

any said tuner. It may sway you one way or the other.
Good luck,

Roger / KI8DU in WV

6763. Re: [LDG-auto-tuners] LDG AT-200 PRO11 AUTOTUNER

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-05-16 13:49:03 UTC
From: Garry Foster
Topic: 6750 Message: 6763

Sadly this has always been thier attitude. In fact their first tunner they refused to supply source code even though it was a lead article in QST. It was enough of an issue to me that I dropped my subscription to QST at that time and have never subscribed again. And sure enough there were issues with the code and revisions were issued. I assume we veryone had to pay for the newer code. The schematic was shown in the qst article and is basically unchanged in all latter units that I have looked at. Only component values and processors seem to change.
On May 16, 2014 9:29 AM, "ki8du1@... [LDG-auto-tuners]" <
LDG-auto-tuners@yahoogroups.com> wrote:

>
>
> I just experienced the same thing from LDG last week.
>
> A couple weeks ago I bought an IC-706 and an older LDG RT-11. It took me a
> couple days to
> try out my new purchase. It was "all" to be in working condx.
>
> Well when I hooked it all up I discovered the tuner was not working
> correctly. So I
> opened the box (tunner case) and noticed right off that a cap was fried.
>
> So, I called LDG and they identified the value of the cap for me. Since
> the cap was fried
> I expected other parts nearby to be damage as well.
>
> When I called them up (actually all correspondence was via emails) they
> offered to send
> me a new cap and any other parts that may be needed. I then asked them for
> a schematic.
>
> At that point they ask me why I needed a schematic? (duh!) The answer also
> was - no.
>
> What it is, is LDG schematics are proprietary documents. In other words
> they won't give
> out schematics period !
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> After that, all I could do was to probe around to check a few other parts
> but couldn't
> locate any other defective components or burnt traces.
>
> Since I did not have, or could not find a cap locally, I decided to use
> the closest rated

> cap that I had in the parts box. I installed it but still no glory.
>
> In reading one of the email replies from LDG they told me that I could
> send it in to them
> and that there would be no charges for an evaluation (that was good news)
> and they would
> let me know of my options forthcoming.
>
> I was reluctant to send it to them, simply because I contemplated whether
> or not the
> juice would be worth the squeeze. ($$$)
>
> So now, I'm awaiting for a response from them. At that time I'll make the
> decision as to
> to write the tuner off or simply buy another tuner.
>
> As for you looking for a specific tuner, model etc; Do your research on
> the particular
> tuner(s) that you have in mind. You can find out by reading the reviews of
> any said
> tuner. Then, determine what Product & Manufacturer to Order from.
>
> Just Google the product you are interested, Look for Eham.net reviews.
>
>
> Eham.net is your friend..... look up your "interest" and read the reviews
> of
> any said tuner. It may sway you one way or the other.
> Good luck,
>
>
> Roger / KI8DU in WV
>
>

6764. Re: [LDG-auto-tuners] LDG AT-200 PRO11 AUTOTUNER

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-05-16 18:28:50 UTC
From: ldgyahoo@...
Topic: 6750 Message: 6764

Hello All,

This thread stops now as it's degraded to misinformation and intentional incorrect information.

First, we supplied schematics for all the units that we provided as kits. After that, the units became less user serviceable because of surface mount parts and we still have not found the need to include them. If a toroid is damaged, you can “look” at the toroid and figure out the size and the number of windings on it. If a relay is bad, the part number it printed on the top of the relay. If the relay is smoked, the part number is still on the next relay over. If all that fails, you can e-mail us and we will tell you what it is. As we continue to use smaller and smaller surface mount parts, it’s becoming increasingly difficult for the user to service the unit.

Second, what only one person has mentioned is the fact that we will help anyone by e-mail with any question that they may have with identifying any part in any circuit. In addition, we will assist in troubleshooting any circuit that the customer may feel has an issue. Since nearly all of our products are microprocessor controlled, it’s is very difficult for the user to ascertain what a particular circuit is doing without knowing what the processor is doing so troubleshooting to a particular part is very limited.

Roger is banned for posting intentionally posting incorrect information. We told him what the part was, but he put in an incorrect part in and it still didn’t work. He failed to mention we offered to send him the correct replacement part at no charge.

Attillo is also banned for intentionally failing to mention that we offered to assist him in identifying any parts that he felt needed to be replaced. He quoted every e-mail except the one where the answers were offered.

Gary Foster is put on moderated for incorrectly implying that there were issues with the original code and a fee was charged for new revisions. For that model, there were no issues and we provided a free service to reprogram any processor as we added new features.

Roley is also put on moderated as he incorrectly implied that we wanted to make more money in the repair business. Our repair service has one of the lowest (if not the lowest) rates in the industry. You can send any product back to us at any time and we will check it out at no charge. If you feel the quote is too high, we will send it back to you at no charge and pay the shipping.

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We don’t mind seeing comments good or bad in this group. If you think a product sucks, tell the group why. However, don’t make up stuff and don’t lie.

Dwayne Kincaid
LDG

6765. Re: [LDG-auto-tuners] LDG AT-200 PRO11 AUTOTUNER

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-05-16 19:12:58 UTC
From: David Evans
Topic: 6750 Message: 6765

It is a shame that these steps have to be taken. I have always had great service from LDG customer support. When I thought I had a problem with an out of warranty item LDG checked the unit out and sent it back to me at no charge. In addition, they were kind enough to let me know what my error was.
I would recommend their products anytime and am considering their new remote tuner.

Thanks,
David
kd7uch@...

6766. Re: [LDG-auto-tuners] LDG AT-200 PRO11 AUTOTUNER

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-05-16 13:54:34 UTC
From: Roy Appleton
Topic: 6750 Message: 6766

Jeez is this turning into a "whine fest" about LDG wanting to protect their business?
Roy
WA0YMH
Sent from my Nexus 7 FHD
On May 16, 2014 8:49 AM, "Garry Foster garry.foster1@gmail.com
mailto:garry.foster1@gmail.com [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com
mailto:LDG-auto-tuners@yahoogroups.com> wrote:

6767. Re: [LDG-auto-tuners] LDG AT-200 PRO11 AUTOTUNER

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-05-16 19:19:14 UTC
From: Jimmy (WB8NBI)
Topic: 6750 Message: 6767

Well said Dwayne. I for one have always have very good service from you and everyone else at your company. Thanks for the great product and service.

DE Jimmy (WB8NBI)

From: mailto:LDG-auto-tuners@yahoogroups.com
Sent: Friday, May 16, 2014 2:28 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] LDG AT-200 PRO11 AUTOTUNER

Hello All,

This thread stops now as it's degraded to misinformation and intentional incorrect information.

First, we supplied schematics for all the units that we provided as kits. After that, the units became less user serviceable because of surface mount parts and we still have not found the need to include them. If a toroid is damaged, you can “look” at the toroid and figure out the size and the number of windings on it. If a relay is bad, the part number it printed on the top of the relay. If the relay is smoked, the part number is still on the next relay over. If all that fails, you can e-mail us and we will tell you what it is.

As we continue to use smaller and smaller surface mount parts, it’s becoming increasingly difficult for the user to service the unit.

Second, what only one person has mentioned is the fact that we will help anyone by e-mail with any question that they may have with identifying any part in any circuit. In addition, we will assist in troubleshooting any circuit that the customer may feel has an issue. Since nearly all of our products are microprocessor controlled, it’s is very difficult for the user to ascertain what a particular circuit is doing without knowing what the processor is doing so troubleshooting to a particular part is very limited.

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Dwayne Kincaid

LDG

6768. Re: [LDG-auto-tuners] LDG AT-200 PRO11 AUTOTUNER

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-05-16 19:45:39 UTC
From: VE6LB
Topic: 6750 Message: 6768

I need to add a positive prospective to this discussion.

I purchased a factory rebuilt AT-1000PRO from Cheap Ham. After a short time I had a smoking problem and as I could ID the fried bits, I contacted Dwayne who immediately sent me good parts. After replacing the parts, the problem re-occurred and I again contacted Dwayne who immediately offered to replace the unit with a shinny new AT-1000PROII which has been working flawlessly for the last year. It cost me 2 way shipping but well worth it.

Needless to say, I'm more than happy with LDG's products and service.

73,
Gerry VE6LB/VA6XDX #1 HR
DXCC, VUCC, WAS Card Checker-Southern Alberta
VE/VA6 QSL Bureau Team
(403) 251-0384
ve6lb@...
http://www.qsl.net/ve6lb/

From: mailto:LDG-auto-tuners@yahoogroups.com
Sent: Friday, May 16, 2014 12:28
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] LDG AT-200 PRO11 AUTOTUNER

Hello All,

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Dwayne Kincaid

LDG

6769. RE: [LDG-auto-tuners] LDG AT-200 PRO11 AUTOTUNER

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-05-16 19:46:00 UTC
From: Bill Husted
Topic: 6750 Message: 6769

On at least three occasions I had questions about a tuner and needed help. Not only did I get that help from Dwayne he also spent two days exchanging emails back and forth on a non-tuner related station problem. Nothing at all to do with the tuner - so there was no obligation to help. But he did. The help was volunteered, not requested. That is service way beyond I had any right to expect.

I am not a homer or a fan boy. I'm as cynical as the next person when that's needed. I'm sorry it took the note from Dwayne to bring me out of the weeds. But I have been well pleased with the products (I own two of the tuners) and extremely pleased with the service. I have no dog in the fight as far as schematics. But, from personal experience with the company, its products and service, I'm more than pleased.

Bill KQ4YA

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com]
Sent: Friday, May 16, 2014 2:29 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] LDG AT-200 PRO11 AUTOTUNER

Hello All,

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As we continue to use smaller and smaller surface mount parts, it’s becoming increasingly difficult for the user to service the unit.

Second, what only one person has mentioned is the fact that we will help anyone by e-mail with any question that they may have with identifying any part in any circuit. In addition, we will assist in troubleshooting any circuit that the customer may feel has an issue. Since nearly all of our products are microprocessor controlled, it’s is very difficult for the user to ascertain what a particular circuit is doing without knowing what the processor is doing so troubleshooting to a particular part is very limited.

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Dwayne Kincaid

LDG

[Non-text portions of this message have been removed]

6770. Re: [LDG-auto-tuners] LDG AT-200 PRO11 AUTOTUNER

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-05-16 20:17:47 UTC
From: ldgyahoo@...
Topic: 6750 Message: 6770

Folks,

Let's get back to the regularly scheduled programming.

Dwayne
LDG

6771. Re: [LDG-auto-tuners] LDG AT-200 PRO11 AUTOTUNER

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-05-16 20:33:01 UTC
From: Dan Thayer
Topic: 6750 Message: 6771

More like a responsible businessman protecting his company's hard-earned reputation from folks engaging in prevarication.
Dan, W1CDT

> On May 16, 2014, at 9:54, "Roy Appleton twelveoclockhigh@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:
>
> Jeez is this turning into a "whine fest" about LDG wanting to protect their business?
>
> Roy
> WA0YMH
>
> Sent from my Nexus 7 FHD
>
> On May 16, 2014 8:49 AM, "Garry Foster garry.foster1@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:
>
>
>

6772. Hello

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-05-16 21:44:35 UTC
From: Stanley Adams
Topic: 1793 Message: 6772

I want to address the general AT600Pro users and I wonder what is the best type of general dipole to put up?? a 80 meter (60 ft) per side or 120 ft per side?? What is some of the general consensus and I understand it will only work up to about a 10:1 SWR Curve

Stanley B Adams
Memphis, TN
901-373-7785
stanleybadams@...

I am changing e-mail accounts. Please update your records.
Thank you

6773. AT-100pro buzzing

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-05-17 03:09:36 UTC
From: wb5jc@...
Topic: 6773 Message: 6773

I have an AT-100pro that I think isn't happy. I have used it in the past on 6M and done ok, but now whenever I unkey, it broadcast a buzz on the air. It last for about 3-5 seconds. Anyone had this happen?

If not, how is LDG repair as far as pricing goes?

I paid 50 bucks for it used 2 years ago and feel like I have my money's worth out of it.

6774. Re: [LDG-auto-tuners] Hello

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-05-17 05:11:54 UTC
From: KK2DOG in NY
Topic: 1793 Message: 6774

I'm using a 120' "QSO King" end-fed wire with an Ameritron AL-811 amplifier and it works GREAT!
I also use the antenna for low-power digital stuff like JT-9 and JT-65 and have excellent results as well.
Here's a couple of links:

QSO King: http://tinyurl.com/l9swhrs

eHam reviews: http://www.eham.net/reviews/detail/9943

My Icom 706MKIIG, the QSO King, and the LDG 600...it doesn't get any easier!

KK2DOG

From the REAL upstate New York in grid FN24

From: "'Stanley Adams' stanleybadams@... [LDG-auto-tuners]"
<LDG-auto-tuners@yahoogroups.com>
To: LDG-auto-tuners@yahoogroups.com
Sent: Friday, May 16, 2014 5:44 PM
Subject: [LDG-auto-tuners] Hello

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Stanley B Adams
Memphis, TN
901-373-7785
stanleybadams@...
I am changing e-mail accounts. Please update your records.
Thank you

6775. Re: [LDG-auto-tuners] Hello

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-05-17 13:02:38 UTC
From: Art Galvez
Topic: 1793 Message: 6775

I'm using a "Home Brew " fan dipole { laying on the three tab shingles on my roof,
a Yaesu FT857D,at times ,an AL 811A,and an LDG 1000Pro2 . 75/80 to six meters,
SSB AND JT65/JT9 ....from 10 watts up to 500 watts SSB,30 watts MAX on digital.
  Great tuner !! I started off with and LDG AT11,and as my power increased,so did the
power handling tuner . A friend recommended the LDG 1000PRO2 to me when I asked
for advice on an autotuner to handle the AL811A.   He put me on the right track,and
I am very happy with the LDG line of tuners .I also use the FTL meter !
  Great support as well,as I had to send a used LDG At 600 in for repair...about a
 week and a half turn-a-round , I recommend the LDG line of tuners to everyone that ask's.
73,
Art
WA7AG

6776. RE: [LDG-auto-tuners] LDG AT-200 PRO11 AUTOTUNER

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-05-19 13:21:47 UTC
From: Tony Brignole
Topic: 6750 Message: 6776

I have 3 LDG tuners and have had great luck with all of them. I must admit I don’t do anything too strange or complicated and I try to adjust and cut to get the best possible match before committing it to the tuner for help.

The only issue I have is that they have made me lazy since they work so well. They tune stuff that probably shouldn’t be tuned.

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com]
Sent: Friday, May 16, 2014 2:46 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] LDG AT-200 PRO11 AUTOTUNER

I need to add a positive prospective to this discussion.

I purchased a factory rebuilt AT-1000PRO from Cheap Ham. After a short time I had a smoking problem and as I could ID the fried bits, I contacted Dwayne who immediately sent me good parts. After replacing the parts, the problem re-occurred and I again contacted Dwayne who immediately offered to replace the unit with a shinny new AT-1000PROII which has been working flawlessly for the last year. It cost me 2 way shipping but well worth it.

Needless to say, I’m more than happy with LDG’s products and service.

73,
Gerry VE6LB/VA6XDX #1 HR
DXCC, VUCC, WAS Card Checker-Southern Alberta
VE/VA6 QSL Bureau Team
(403) 251-0384

ve6lb@...

http://www.qsl.net/ve6lb/

From: mailto:LDG-auto-tuners@yahoogroups.com

Sent: Friday, May 16, 2014 12:28

To: LDG-auto-tuners@yahoogroups.com

Subject: Re: [LDG-auto-tuners] LDG AT-200 PRO11 AUTOTUNER

Hello All,

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Dwayne Kincaid

LDG

6777. Re: [LDG-auto-tuners] LDG AT-200 PRO11 AUTOTUNER

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-05-19 14:23:19 UTC
From: Tom Chesek
Topic: 6750 Message: 6777

I have a Z-11ProII and a AT-1000ProII and both work nicely. I did have a self inflicted issue once where I was calling CQ on a popular part of 40 meters and didn't hear anything. It turns out that I had the antenna coax physically disconnected from the tuner. The AT-1000ProII was absorbing all of the 100 watts from my transmitter and showing a good match on the meter, so watch out regardless which model you are using! Thankfully no harm was done.

Tom K3TVC

From: mailto:LDG-auto-tuners@yahoogroups.com
Sent: Monday, May 19, 2014 09:21
To: LDG-auto-tuners@yahoogroups.com
Subject: RE: [LDG-auto-tuners] LDG AT-200 PRO11 AUTOTUNER

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VE/VA6 QSL Bureau Team
(403) 251-0384

6778. LDG RT-100 Remote Tuner Service

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-05-20 16:17:36 UTC
From: David Overton
Topic: 6778 Message: 6778

FYI All,

I have a RT-100 remote tuner controlled by a RC-100 to tune a S9v43. All LDG products. I had a problem when the tuner started stopping on high SWR - not low. After trying a number of variables trying to correct this, posting on here and email exchanges with Dewayne, I sent the tuner in for repairs. When it returned, No Joy! I then tried posting on here, again with no luck. And then, I sent it in a second time with the controller and power supply. Just got it back yesterday and this time it works. Persistence pays off; but, my hat is off to LDG for the great service after the sale.

Thanks You LDG and Dewayne,

David

6779. 44 foot CF Zepp issues

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-05-22 01:18:40 UTC
From: ka9p@...
Topic: 6779 Message: 6779

Happy for any thoughts on the following before I try to pull out a Smith chart for the first time in 20 years.....

I have trouble with my 44 ft CF zepp with about 100 ft of 450 ohm ladder line and the AT100 Pro2 - on 10 and 12, it hunts like crazy, and tho eventually settles in, remains unhappy with the slightest change in frequency, and it won't tune at all on 12.

Tonight I stuck a simple analyzer on the system to look at what the tuners sees - which is at the unbalanced input of the 4:1 balun suggested for open wire line, an SWR is around 8-9:1 on 10 and 12, and >10 on 15 >350 ohms as indicated on the analyzer), so I'm not surprised at the tuner being unhappy. 20 tunes fine at 6:1 and 17 great at 2.5:1. 40 even tunes well even though I have an indicated >10 SWR per the analyzer.

What I'd like to know is what to try next - whether it might be a good idea to change to a 1:1 balun, change feedline length, or whether I might have RF in the tuner, which is remotely located from the shack. Everything is pretty much balanced and grounded and has clamp-on toroids at the appropriate spots to fix common mode issues (I think).

Thanks for any thoughts.

73 Scott

6780. Re: [LDG-auto-tuners] 44 foot CF Zepp issues

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-05-22 02:27:11 UTC
From: Bill Aycock
Topic: 6779 Message: 6780

Scott--
I had a similar problem, **MODELING ONLY** with an OCF 40M dipole. For education purposes, I scanned the antenna from 7 mHz to 30 mHz, and found surprising anomalies on 10M.
I then used the ARRL Transmission Line Program, TLW3. and found that the characteristics were Very sensitive to the length of the Ladder Line.
This line IS low loss, but it can act as a transformer, or a trap. You might try TLW, and vary the feeder length to see. Doing it for real should also be easy, by splicing in extra length, as a test. On high HF frequencies, 1/4 wave multiples are everywhere on long lines.
Bill—W4BSG

From: mailto:LDG-auto-tuners@yahoogroups.com
Sent: Wednesday, May 21, 2014 8:18 PM
To: ldg-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] 44 foot CF Zepp issues

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Thanks for any thoughts.

73 Scott

6781. Re: [LDG-auto-tuners] 44 foot CF Zepp issues

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-05-22 10:56:22 UTC
From: doug pfaff
Topic: 6779 Message: 6781

Bill your right today's software programs take the dredgery out of miles of detailed calculations on paper. You must also understand the associated theory behind the program and the various interactions that occur..

There are certain length of transmission line to avoid.

I had replied also about using a high impedance balun from Jerry Sevicks Transmission Line Transformer Book.

Remember you can substitues resistive values on a test bench
for balun testing to appear like a antenna is attached.

A voltage ballun is only a step up /down transformer depending which way you insert it.

Not sure if the originator is wanting to specific frequency correct or use a broad brush band approach.

A question can result in 10000 answers if specific are not stated.

Doug VE5DCP

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----- Original Message -----
From: 'Bill Aycock' billaycock@... [LDG-auto-tuners]
To: LDG-auto-tuners@yahoogroups.com
Sent: Wednesday, May 21, 2014 8:27 PM
Subject: Re: [LDG-auto-tuners] 44 foot CF Zepp issues

Scott--
I had a similar problem, **MODELING ONLY** with an OCF 40M dipole. For education purposes, I scanned the antenna from 7 mHz to 30 mHz, and found surprising anomalies on 10M.
I then used the ARRL Transmission Line Program, TLW3. and found that the characteristics were Very sensitive to the length of the Ladder Line.
This line IS low loss, but it can act as a transformer, or a trap. You might try TLW, and vary the feeder length to see. Doing it for real should also be easy, by splicing in extra length, as a test. On high HF frequencies, 1/4 wave multiples are everywhere on long lines.
Bill—W4BSG

From: mailto:LDG-auto-tuners@yahoogroups.com
Sent: Wednesday, May 21, 2014 8:18 PM
To: ldg-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] 44 foot CF Zepp issues

Happy for any thoughts on the following before I try to pull out a Smith chart for the first time in 20 years.....

I have trouble with my 44 ft CF zepp with about 100 ft of 450 ohm ladder line and the AT100 Pro2 - on 10 and 12, it hunts like crazy, and tho eventually settles in, remains unhappy with the slightest change in frequency, and it won't tune at all on 12.

Tonight I stuck a simple analyzer on the system to look at what the tuners sees - which is at the unbalanced input of the 4:1 balun suggested for open wire line, an SWR is around 8-9:1 on 10 and 12, and >10 on 15 >350 ohms as indicated on the analyzer), so I'm not surprised at the tuner being unhappy. 20 tunes fine at 6:1 and 17 great at 2.5:1. 40 even tunes well even though I have an indicated >10 SWR per the analyzer.

What I'd like to know is what to try next - whether it might be a good idea to change to a 1:1 balun, change feedline length, or whether I might have RF in the tuner, which is remotely located from the shack. Everything is pretty much balanced and grounded and has clamp-on toroids at the appropriate spots to fix common mode issues (I think).

Thanks for any thoughts.

73 Scott

This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

6782. Re: [LDG-auto-tuners] 44 foot CF Zepp issues

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-05-22 10:33:12 UTC
From: doug pfaff
Topic: 6779 Message: 6782

Do not try a 1:1 balun as it reflects the antenna impedance value back to the tuner at the high values you have indicated below.

Go back and read up on some basic antenna theory and see the impedance with frequency change curve. Remember your antenna is a complex load of r-l-c values.

todays analyzer just make measurement easier but everything goes back to basic theory

You need to wind a custom balun out of Jerry Sevick book Transmission Line Transformers for a high impedance load at the receiver end of the transmission line eg your balunced line(350 ohm).your input impedance value from your profile graph and is specific at that one frequency

Make sure you profile each band from band edge to band edge(or your area of interest)) so you know the exact impedance your tuner sees.Remember the baic XL formula where the impedance changes with frequency.

The Smith Chart will only be accurate at the specific frequencies you profile and will give you lump values you need to add at that frequency.

The tuner is only trying to give you a 50 ohm load that the transmitter is happy with by inserting the L-C values remember the xc value is the opposite of xl and leave you with only the r value of the antenna

Most hams forget that fixing the antenna is the only solution

Go look at the impedance input spec for your tuner and the ranges it can accept.

Doug VE5DCP

----- Original Message -----
From: ka9p@... [LDG-auto-tuners]
To: ldg-auto-tuners@yahoogroups.com
Sent: Wednesday, May 21, 2014 7:18 PM
Subject: [LDG-auto-tuners] 44 foot CF Zepp issues

Happy for any thoughts on the following before I try to pull out a Smith chart for the first time in 20 years.....

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Thanks for any thoughts.

73 Scott

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http://www.avast.com

6783. ft857d ldg200 pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-05-23 02:04:27 UTC
From: andythebrave@...
Topic: 6783 Message: 6783

I have an ft857d and ldg 200 pro I am trying to figure out if the acc port has failed I press the tune button on the ldg but get no key up on ft 857d when it should be tuning. The cable is the correct way round it was workimg then suddenly stopped. has anybody experienced this and what the solution I currently have to use Morse key to tune.
How do I check for the tune sending out the tuning signal
Andy M0nst

6784. LDG YT450 married to Yaesu FT-450

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-05-24 20:42:46 UTC
From: nf.mayes@...
Topic: 6784 Message: 6784

I can't seem to get this combination to work. I've been in contact with LDG and they say that they no longer have a FT-950 to check out the Menu Settings. I believe that the law requires that servicing a product extends to 7 years past the end-of-life.

Anyway:

Does the FT-950 get set to "itu" or "Etu" to work with the YT-450?

I am using the FT-950, HRD 6x, WSJT-X and get the internal tuner to work fine on my 40-20-10-6 OCF. I wish to use it on 15m, which means a tuner is needed.

Where am I going wrong?

Neil K7IPP

6785. Re: [LDG-auto-tuners] LDG YT450 married to Yaesu FT-450

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-05-25 03:39:11 UTC
From: Brian Denley
Topic: 6784 Message: 6785

Neil:
Are you using the specific serial port settings for your transceiver in the YT-450 manual?
I have used the YT-450 with my FT-950 for a couple of years with no connection problems.

Brian KB1VBF

Sent from my iPad

> On May 24, 2014, at 4:42 PM, "nf.mayes@... [LDG-auto-tuners]"
<LDG-auto-tuners@yahoogroups.com> wrote:
>
> I can't seem to get this combination to work. I've been in contact with LDG and they say that they no longer have a FT-950 to check out the Menu Settings. I believe that the law requires that servicing a product extends to 7 years past the end-of-life.
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> Where am I going wrong?
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>
> Neil K7IPP
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6786. RE: [LDG-auto-tuners] LDG YT450 married to Yaesu FT-450

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-05-25 04:22:04 UTC
From: Neil Mayes
Topic: 6784 Message: 6786

Brian,

Yes, I am using the specific serial port settings and I am using an old style RS-232 port into my computer and between the FT-950 and YT-950.

I finally got it to work by trial and error.

Evidently, the "Etu/itu" setting in the FT-950 menu has no affect on the operation. Your opinion or experience?

What seems to matter is that the front panel "TUNE" button on the FT-950 must be off. This is not spelled out in the YT-450 Manual.

It would also have been very nice if the people at LDG had added 2 more LED's to the front of the unit - one indicating "inline" and the other indicating "straight through". So, that created some operator error, because you can't look at the unit and know what state it is in.

Neil, K7IPP

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com]
Sent: Saturday, May 24, 2014 8:39 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] LDG YT450 married to Yaesu FT-450

Neil:

Are you using the specific serial port settings for your transceiver in the YT-450 manual?

I have used the YT-450 with my FT-950 for a couple of years with no connection problems.

Brian KB1VBF

Sent from my iPad

On May 24, 2014, at 4:42 PM, "nf.mayes@cox.net [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:

I can't seem to get this combination to work. I've been in contact with LDG and they say that they no longer have a FT-950 to check out the Menu Settings. I believe that the law requires that servicing a product extends to 7 years past the end-of-life.

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Where am I going wrong?

Neil K7IPP

6787. At-897 power

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-05-25 15:35:46 UTC
From: bwhitej
Topic: 6787 Message: 6787

I have an AT-897 (not pro) and I need to run a seperate power cord to power it.
My FT-897 wont power it up. Would someone let me know the pinout on the tuner.
Thank you
Brian
Ke5irc

Sent from my Verizon Wireless Tablet

6788. Re: [LDG-auto-tuners] LDG YT450 married to Yaesu FT-450

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-05-26 03:23:44 UTC
From: Brian Denley
Topic: 6784 Message: 6788

Neil:
Yep you got it. The TUNE button has to be off. I have to say that my YT-450 worked great and tuned just about anything. Last month I replaced it with an AT-600 Pro II because I bought a 600 watt solid state linear. The new tuner won't tune as well as the YT-450 but I can't put 600 watts through the 450. I miss the little guy!

Brian KB1VBF

Sent from my iPad

> On May 25, 2014, at 12:22 AM, "'Neil Mayes' nf.mayes@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:
>
> Brian,
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>
> Yes, I am using the specific serial port settings and I am using an old style RS-232 port into my computer and between the FT-950 and YT-950.
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> I finally got it to work by trial and error.
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> It would also have been very nice if the people at LDG had added 2 more LED's to the front of the unit - one indicating "inline" and the other indicating "straight through". So, that created some operator error, because you can't look at the unit and know what state it is in.
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> Neil, K7IPP
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> Sent: Saturday, May 24, 2014 8:39 PM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: Re: [LDG-auto-tuners] LDG YT450 married to Yaesu FT-450
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> Where am I going wrong?
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> Neil K7IPP
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6789. RE: [LDG-auto-tuners] LDG YT450 married to Yaesu FT-450

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-05-26 05:43:37 UTC
From: Neil Mayes
Topic: 6784 Message: 6789

Brian,

TNX!

I also found out, by trial and error, that the Menu Selection for "Internal/External" (itu/Etu) on the FT-950 doesn't seem to make any difference one way or the other.

In all of this, I have discovered that I have a defective unit, after many e-mails back and forth with LDG.

I finally started asking questions in the form of "is this normal?" That apparently worked the best, because when I got technical, they couldn't answer the questions.

I am sorely disappointed in their tech support and the inadequate manual.

They also do not have a FT-950 anymore to check out problem solutions. I found that to be very un-customer friendly for those of us that bought the unit because the advertising states quite clearly that the unit works with the FT-450 and FT-950.

I am sure that I will be happy with the unit when I get it back (after I send it in), but right now I am very disappointed with customer support and the problematic unit.

Neil, K7IPP

PS Thanks for your feedback.

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com]
Sent: Sunday, May 25, 2014 8:24 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] LDG YT450 married to Yaesu FT-450

Neil:

Yep you got it. The TUNE button has to be off. I have to say that my YT-450 worked great and tuned just about anything. Last month I replaced it with an AT-600 Pro II because I bought a 600 watt solid state linear. The new tuner won't tune as well as the YT-450 but I can't put 600 watts through the 450. I miss the little guy!

Brian KB1VBF

Sent from my iPad

On May 25, 2014, at 12:22 AM, "'Neil Mayes' nf.mayes@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:

Brian,

Yes, I am using the specific serial port settings and I am using an old style RS-232 port into my computer and between the FT-950 and YT-950.

I finally got it to work by trial and error.

Evidently, the "Etu/itu" setting in the FT-950 menu has no affect on the operation. Your opinion or experience?

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Neil, K7IPP

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Sent: Saturday, May 24, 2014 8:39 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] LDG YT450 married to Yaesu FT-450

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Sent from my iPad

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Where am I going wrong?

Neil K7IPP

6790. Re: At-897 power

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-05-26 17:19:28 UTC
From: ldgyahoo@...
Topic: 6787 Message: 6790

The pinout for the mini-DIN-8 CAT connector is in the radio manual.

Dwayne
WD8OYG

6791. Re: [LDG-auto-tuners] 44 foot CF Zepp issues

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-05-26 22:49:09 UTC
From: ka9p@...
Topic: 6779 Message: 6791

Bill - thanks, finally got a chance to add a bit of feedline this weekend, and the good and bands have changed a bit, so I guess I will try TLW and do a little modeling form the safety of the desk rather than the ladder and look for the majic length:) Appreciate the response, 73 Scott

In a message dated 5/21/2014 9:27:25 P.M. Central Daylight Time, LDG-auto-tuners@yahoogroups.com writes:

Scott--
I had a similar problem, **MODELING ONLY** with an OCF 40M dipole. For education purposes, I scanned the antenna from 7 mHz to 30 mHz, and found surprising anomalies on 10M.
I then used the ARRL Transmission Line Program, TLW3. and found that the characteristics were Very sensitive to the length of the Ladder Line.
This line IS low loss, but it can act as a transformer, or a trap. You might try TLW, and vary the feeder length to see. Doing it for real should also be easy, by splicing in extra length, as a test. On high HF frequencies, 1/4 wave multiples are everywhere on long lines.
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Sent: Wednesday, May 21, 2014 8:18 PM
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(mailto:ldg-auto-tuners@yahoogroups.com)
Subject: [LDG-auto-tuners] 44 foot CF Zepp issues

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Thanks for any thoughts.

73 Scott

6792. Re: [LDG-auto-tuners] LDG YT450 married to Yaesu FT-450

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-05-27 01:22:29 UTC
From: Brian Denley
Topic: 6784 Message: 6792

Neil:
Good luck!

Brian KB1VBF

Sent from my iPad

> On May 26, 2014, at 1:43 AM, "'Neil Mayes' nf.mayes@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:
>
> Brian,
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> TNX!
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> I also found out, by trial and error, that the Menu Selection for "Internal/External" (itu/Etu) on the FT-950 doesn't seem to make any difference one way or the other.
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> Neil, K7IPP
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> PS Thanks for your feedback.
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> From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com]
> Sent: Sunday, May 25, 2014 8:24 PM
> To: LDG-auto-tuners@yahoogroups.com
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> Subject: Re: [LDG-auto-tuners] LDG YT450 married to Yaesu FT-450
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> Brian KB1VBF

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> On May 24, 2014, at 4:42 PM, "nf.mayes@... [LDG-auto-tuners]"
<LDG-auto-tuners@yahoogroups.com> wrote:
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> Where am I going wrong?
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> Neil K7IPP
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6793. RE: [LDG-auto-tuners] LDG YT450 married to Yaesu FT-450

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-05-27 02:49:42 UTC
From: Neil Mayes
Topic: 6784 Message: 6793

Tnx!

Neil, K7IPP

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com]
Sent: Monday, May 26, 2014 6:22 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] LDG YT450 married to Yaesu FT-450

Neil:

Good luck!

Brian KB1VBF

Sent from my iPad

On May 26, 2014, at 1:43 AM, "'Neil Mayes' nf.mayes@... [LDG-auto-tuners]"
<LDG-auto-tuners@yahoogroups.com> wrote:

Brian,

TNX!

I also found out, by trial and error, that the Menu Selection for "Internal/External" (itu/Etu) on the FT-950 doesn't seem to make any difference one way or the other.

In all of this, I have discovered that I have a defective unit, after many e-mails back and forth with LDG.

I finally started asking questions in the form of "is this normal?" That apparently worked the best, because when I got technical, they couldn't answer the questions.

I am sorely disappointed in their tech support and the inadequate manual.

They also do not have a FT-950 anymore to check out problem solutions. I found that to be very un-customer friendly for those of us that bought the unit because the advertising states quite clearly that the unit works with the FT-450 and FT-950.

I am sure that I will be happy with the unit when I get it back (after I send it in), but right now I am very disappointed with customer support and the problematic unit.

Neil, K7IPP

PS Thanks for your feedback.

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com]
Sent: Sunday, May 25, 2014 8:24 PM
To: LDG-auto-tuners@yahoogroups.com

Subject: Re: [LDG-auto-tuners] LDG YT450 married to Yaesu FT-450

Neil:

Yep you got it. The TUNE button has to be off. I have to say that my YT-450 worked great and tuned just about anything. Last month I replaced it with an AT-600 Pro II because I bought a 600 watt solid state linear. The new tuner won't tune as well as the YT-450 but I can't put 600 watts through the 450. I miss the little guy!

Brian KB1VBF

Sent from my iPad

On May 25, 2014, at 12:22 AM, "'Neil Mayes' nf.mayes@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:

Brian,

Yes, I am using the specific serial port settings and I am using an old style RS-232 port into my computer and between the FT-950 and YT-950.

I finally got it to work by trial and error.

Evidently, the "Etu/itu" setting in the FT-950 menu has no affect on the operation. Your opinion or experience?

What seems to matter is that the front panel "TUNE" button on the FT-950 must be off. This is not spelled out in the YT-450 Manual.

It would also have been very nice if the people at LDG had added 2 more LED's to the front of the unit - one indicating "inline" and the other indicating "straight through". So, that created some operator error, because you can't look at the unit and know what state it is in.

Neil, K7IPP

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com]
Sent: Saturday, May 24, 2014 8:39 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] LDG YT450 married to Yaesu FT-450

Neil:

Are you using the specific serial port settings for your transceiver in the YT-450 manual?

I have used the YT-450 with my FT-950 for a couple of years with no connection problems.

Brian KB1VBF

Sent from my iPad

On May 24, 2014, at 4:42 PM, "nf.mayes@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:

I can't seem to get this combination to work. I've been in contact with LDG and they say that they no longer have a FT-950 to check out the Menu Settings. I believe that the law requires that servicing a product extends to 7 years past the end-of-life.

Anyway:

Does the FT-950 get set to "itu" or "Etu" to work with the YT-450?

I am using the FT-950, HRD 6x, WSJT-X and get the internal tuner to work fine on my 40-20-10-6 OCF. I wish to use it on 15m, which means a tuner is needed.

Where am I going wrong?

Neil K7IPP

6794. AT-1000PROII and Yaesu Quadra

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-05-27 12:33:25 UTC
From: Mike Parnin
Topic: 6717 Message: 6794

My station consists of a Yaesu FT1000MP and Quadra amp. I'm confused between the semi automatic and automatic modes with an amplifier. The automatic mode tunes the tuner when RF is sensed but the semi automatic mode only tunes when the tuner tune button is pressed. LDG does not provide a cable for the Yaesu FT1000MP. The Quadra uses the the tune jack on the back of the FT1000MP to key it.
It appears that the Quadra must manually be put in standby after transmitting and then changing frequency, in the automatic mode, to prevent the tuner from retuning with the amp activated. Has anyone figured out how to wire the AT1000PROII so the tune button on the tuner in the semi automatic mode will work with this type of setup with the Quadra? Thanks for any suggestions.

Mike, N4EPD

>_____
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>
>
>

6795. Re: [LDG-auto-tuners] AT-1000PROII and Yaesu Quadra

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-05-27 14:18:45 UTC
From: VE6LB
Topic: 6717 Message: 6795

There is circuitry in the tuner that bypasses the unit if you try to tune at over 150 watts. The manual suggests you tune at 20 to 50 watts and only apply full linear power once you’re tuned.

I use semi-auto to tune. I have a macro set up in Logger32 that sets my FT9000 to 30 watts and then turns on the TX at 5 khz above the current VFO frequency. A short press of the tune button on the tuner recalls (in most cases) a tuning solution. I also have a circuit that opens the PTT line (there is an output from the tuner that can be used for this) to the linear to prevent it from keying while tuning.

73,
Gerry VE6LB/VA6XDX #1 HR
DXCC, VUCC, WAS Card Checker-Southern Alberta
VE/VA6 QSL Bureau Team
(403) 251-0384
ve6lb@...
http://www.qsl.net/ve6lb/

From: mailto:LDG-auto-tuners@yahoogroups.com
Sent: Tuesday, May 27, 2014 06:33
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] AT-1000PROII and Yaesu Quadra

My station consists of a Yaesu FT1000MP and Quadra amp. I'm confused between the semi automatic and automatic modes with an amplifier. The automatic mode tunes the tuner when RF is sensed but the semi automatic mode only tunes when the tuner tune button is pressed. LDG does not provide a cable for the Yaesu FT1000MP. The Quadra uses the the tune jack on the back of the FT1000MP to key it.
It appears that the Quadra must manually be put in standby after transmitting and then changing frequency, in the automatic mode, to prevent the tuner from retuning with the amp activated. Has anyone figured out how to wire the AT1000PROII so the tune button on the tuner in the semi automatic mode will work with this type of setup with the Quadra? Thanks for any suggestions.

Mike, N4EPD

6796. Re: [LDG-auto-tuners] AT-1000PROII and Yaesu Quadra

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-05-28 19:04:59 UTC
From: ldgyahoo@...
Topic: 6717 Message: 6796

Gerry,

That is not correct. The tuner will do "nothing" with the relays if there is over 150 watts of RF. The issue here is if there were high RF and the relays went to bypass, then you would still arc the contacts when they released. So, the solution is to never change a relay when the RF is over 150 watts.

Dwayne
LDG

6797. Re: [LDG-auto-tuners] AT-1000PROII and Yaesu Quadra

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-05-29 00:14:26 UTC
From: VE6LB
Topic: 6717 Message: 6797

Dwayne,

Maybe I was less than clear. Also, I don’t have the text of my original comment on this machine.

I believe my problems with the original Pro I had and that you graciously replaces with the ProII had a malfunctioning hi power protection circuit which lead to it demise so I’m now overly protective.

I use the KEY line from the tuner to open a relay in the PPT line to the tuner to disable the linear if the tuner is searching for a solution or just going to a memorize solution.

What I am unclear about is what would have happened before I opened the PTT line if I’m in full auto-tune and I move to a new frequency or band with the linear on. Will the hi power protection circuit drop the tuner into bypass?

In any case, great tuner. I’m also using a borrowed AT-7000 on my IC-706 and It’s also great.

73,
Gerry VE6LB/VA6XDX - #1HR DXCC
DXCC, VUCC, WAS Card Checker-Southern Alberta
VE/VA6 QSL Bureau Team
(403) 251-0384
ve6lb@...
http://www.qsl.net/ve6lb/

From: mailto:LDG-auto-tuners@yahoogroups.com
Sent: Wednesday, May 28, 2014 1:04 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] AT-1000PROII and Yaesu Quadra

Gerry,

That is not correct. The tuner will do "nothing" with the relays if there is over 150 watts of RF. The issue here is if there were high RF and the relays went to bypass, then you would still arc the contacts when they released. So, the solution is to never change a relay when the RF is over 150 watts.

Dwayne
LDG

6798. Re: [LDG-auto-tuners] AT-1000PROII and Yaesu Quadra

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-05-29 10:21:05 UTC
From: ldgyahoo@...
Topic: 6717 Message: 6798

Hi Gerry,

If the RF power is over 150 watts, it will not drop the tuner into bypass. The tuner will do nothing but give an over power error message on the display (on the meter for the AT-1000Pro).

Yes, if the protection circuit failed in the LDG tuner, it may damage the tuner. Fortunately this rarely happens.

Even if the tuner was in full auto mode, if the RF power is over 150 watts, it will not change any relays, but give you the error indication for too much RF power for tuning.

Using the key line available on the back of the tuner to disable the amp while tuning is a great way to configure the amp. This almost guarantees that you will not have dangerous RF power when tuning. The interface application note that describes how to do this is available on our support page for those that are interested.

Dwayne
LDG

---In LDG-auto-tuners@yahoogroups.com, <ve6lb@telus.net> wrote :

Dwayne,

Maybe I was less than clear. Also, I don’t have the text of my original comment on this machine.

I believe my problems with the original Pro I had and that you graciously replaces with the ProII had a malfunctioning hi power protection circuit which lead to it demise so I’m now overly protective.

I use the KEY line from the tuner to open a relay in the PPT line to the tuner to disable the linear if the tuner is searching for a solution or just going to a memorize solution.

What I am unclear about is what would have happened before I opened the PTT line if I’m in full auto-tune and I move to a new frequency or band with the linear on. Will the hi power protection circuit drop the tuner into bypass?

In any case, great tuner. I’m also using a borrowed AT-7000 on my IC-706 and It’s also great.

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(403) 251-0384
ve6lb@telus.net mailto:ve6lb@telus.net
http://www.qsl.net/ve6lb/ http://www.qsl.net/ve6lb/

From: mailto:LDG-auto-tuners@yahoogroups.com mailto:LDG-auto-tuners@yahoogroups.com
Sent: Wednesday, May 28, 2014 1:04 PM
To: LDG-auto-tuners@yahoogroups.com mailto:LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] AT-1000PROII and Yaesu Quadra

Gerry,

That is not correct. The tuner will do "nothing" with the relays if there is over 150 watts of RF. The issue here is if there were high RF and the relays went to bypass, then you would still arc the contacts when they released. So, the solution is to never change a relay when the RF is over 150 watts.

Dwayne
LDG

6799. Re: [LDG-auto-tuners] AT-1000PROII and Yaesu Quadra

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-05-29 14:12:41 UTC
From: VE6LB
Topic: 6717 Message: 6799

Dwayne,

Thanks for the clarification. Makes me more confortable that I'd really have to work at it to flash a relay or 2.

Gerry VE6LB
From: mailto:LDG-auto-tuners@yahoogroups.com
Sent: Thursday, May 29, 2014 4:21 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] AT-1000PROII and Yaesu Quadra

Hi Gerry,

If the RF power is over 150 watts, it will not drop the tuner into bypass. The tuner will do nothing but give an over power error message on the display (on the meter for the AT-1000Pro).

Yes, if the protection circuit failed in the LDG tuner, it may damage the tuner. Fortunately this rarely happens.

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Using the key line available on the back of the tuner to disable the amp while tuning is a great way to configure the amp. This almost guarantees that you will not have dangerous RF power when tuning. The interface application note that describes how to do this is available on our support page for those that are interested.

Dwayne
LDG

---In LDG-auto-tuners@yahoogroups.com, <ve6lb@...> wrote :

Dwayne,

Maybe I was less than clear. Also, I don't have the text of my original comment on this machine.

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ve6lb@...
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From: mailto:LDG-auto-tuners@yahoogroups.com
Sent: Wednesday, May 28, 2014 1:04 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] AT-1000PROII and Yaesu Quadra

Gerry,

That is not correct. The tuner will do "nothing" with the relays if there is over 150 watts of RF. The issue here is if there were high RF and the relays went to bypass, then you would still arc the contacts when they released. So, the solution is to never change a relay when the RF is over 150 watts.

Dwayne
LDG

6800. New RT-100/RC-100 user

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-06-03 16:50:48 UTC
From: Jim.Allen@...
Topic: 6800 Message: 6800

W6OGC here. I just received and put into service the RT-100 and RC-100. At the moment it is matching a home brew S9v31, which is also recently installed.

I cut the wire in the fiberglass pole long, at 33', not thinking of the ramifications for tuning in multiband use. When my analyzer showed some goofy looking readings, I loped off about a foot. The antenna at present has 3 Petowany coils 31' each at the base; a fourth is planned soon.

The tuner could not find a good match on 18.1 Mhz. or on a couple of other bands, >3:1. I have a feeling this has to do with the length of the wire which needs some adjusting. 20M was that way, too, when I tried it with the Icom 706. I would think that a match for a given antenna and feedline would be a good one no matter what transmitter was used. It finds a match using the Omni VI+ but not the Icom 706, very peculiar.

The Icom 706 has its own tuner control circuit. I have a device connected to this, in the absence of the Icom remote autotuner, that gives about 8 seconds tuning cycle. The RT-100 is unable to find a match in that time in many instances, and it starts over with each new cycle. I have to either connect a straight key or switch to AM mode and key the microphone to get a long enough tuning cycle.

I'm looking forward to addressing these anomalies and getting the tuner in full use. Suggestions gratefully received!

73 de W6OGC Jim Allen

6801. Improvements & progress, Re: KT-100 mobile photo album

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-06-08 06:07:55 UTC
From: wb4rtp@...
Topic: 6531 Message: 6801

I have made improvements to my KT-100 mobile installation, and operation is better. The biggest change was to increase the length of the coax from the KT-100 to the antenna feedthrough on the roof to about three feet. This allowed me to increase the number of ferrite beads on the coax, making a current balun, to 11 (from 8 on the 2-foot coax and 3 on the 8-inch coax). These are mostly mix 31, but there are also a few of mix 43 and mix 77 beads. Mix 31 is recommended for HF, while mix 43 works better for VHF and mix 77 works better for MF. Lengthening the coax goes against the recommendations I have read for keeping any coax between the tuner and the antenna as short as possible. I think this works for the KT-100 because additional ferrite beads increase the isolation from antenna currents on the outside of the coax from causing RFI to the tuner. So, now the KT-100 tunes the SG-303 on 75m. Still not very efficient until I insert an 80m coil in the middle. I added a couple of 0.5" I.D. split ferrite beads to the fuel pump power lead, and that helped reduce noise from the fuel pump, so the mobile installation works pretty well 40-10m. Haven't done much more that listen on 75m, so I don't know how well it gets out on 75m.
See the photo album at this link for pictures.

https://groups.yahoo.com/neo/groups/LDG-auto-tuners/photos/albums/1496038453
https://groups.yahoo.com/neo/groups/LDG-auto-tuners/photos/albums/1496038453

73, Avery, WB4RTP

6802. Recommended tuner for FT-102

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-06-08 11:47:16 UTC
From: Giuseppe Marullo
Topic: 6802 Message: 6802

Hello,
I have a FT-857D with a LDG ATA-100 Pro, and so far seems pretty good combination. I use it remotely and with a webcam I can double check everything is fine.

Now....I got a FT-102 and this has much greater punch than the 857.

I am keen to acquire a original FC-102 antenna tuner, but it is not cheap. Despite the wonderful look, the 1.2kW handling capability maybe a LDG tuner would be a wiser investment.

So my question is, is the ATA-600Pro II the only viable substitute?

Thanks in advance.

Giuseppe Marullo
IW2JWW - JN45RQ

6803. Re: Recommended tuner for FT-102

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-06-10 06:36:17 UTC
From: wb4rtp@...
Topic: 6802 Message: 6803

Giuseppe,
From the information I can find about the FT-102, it is a 200W transceiver, so an AT-600 would be a bit of overkill. However, the AT-100 would be a bit light unless you wanted to turn the drive down and let the finals loaf, but the AT-200 should be just right. But, if you just want a substitute for the FC-102, I think that was a manual tuner, so any of the many makes and models of manual tuners rated over 200W should work similarly to the FC-102 (some better than others, look for reviews such as those at eHam.net).

Hope this helps!
73,
Avery, WB4RTP

6804. The AT-600 ProII

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-06-10 13:54:18 UTC
From: rolandbrade@...
Topic: 6804 Message: 6804

I now have my new AT-600 up and running and it works very well. Tunes my Butternut HF9V and my trap inverted L with no problem at all.
The only downer is that it is pretty noisy, but then this shouldn't matter too much as it is pretty quick with the tuning cycle.
In any case once you have been through all the bands/frequencies that you use the memory remembers the positions so it is spot on when you come back to a band/frequency. I use JT65 a lot and it remembers the tuning for each band/JT65 frequency.
The other nice feature is that you can manually change the L/C settings if you want to give a final tweak.
Roley G3VIR

6805. IT-100 Autotuning??

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-06-11 01:21:34 UTC
From: john.brent@...
Topic: 6805 Message: 6805

Im having an issue with my assumptions as to how this tuner works. I have a Z-11 ProII as well as an IT-100. With the Z-11 It would sense what freq I was on, and tune. If it was not a memory It would go threw he tuning process. All I had to do was key up on the mic. With my IT-100, It does not seem to work that way at all. I seem to have to press the tuner/call button every time I change the freq. Is there no auto tuning, it says there are memories, but it always seems to go threw the tuning process as if it was a brand new freq.

Thank you,

John Brent
VA3WPN

6806. LDG AT-1000 pro II and 5 watts

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-06-11 19:58:48 UTC
From: rds@...
Topic: 6806 Message: 6806

"Just key and it tunes! The AT-1000ProII will operate at any power level between 5 and 1,000 watts peak RF input."

This is a sentence out of the LDG website - I'm not sure whether this correct.

I own a very special and very excellent SDR radio (Reuter RDR 54D from a small German company) with 5 watts, max. 6 watts output. With this 5 or 6 watts and the PA at bypass the tuner will not tune.

If the PA is active I will have around 100 watts at 5 watts output or any combination between 1 and 5 watts output with less output at the PA - so enough power for tuning, so normally no problem.

The problem is, that the PA stops working if the SWR will be larger than 1:3 to prevent the PA. That's the dilemma.

5 to 6 watts are not enough output for tuning, if the SWR is > 3 the PA stops.

Is there any chance to adjust the input level of the AT-1000proII that this unit will auto tune at 5 watts as it is described in the advertising ?

Thanks for any comments.

73
Rolf, DO1ZZ

6807. FT 857D and YT-100

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-06-12 08:41:57 UTC
From: rds@...
Topic: 6807 Message: 6807

Hi,

have a FT 857D in my car - head beside the dirver seat black box at the end of the car. Sometimes it would be helpful to have a tuner in ther car and so I thought to buy a YT-100.

Before that I have read in the manual that for a tuning cycle I have to press the tuning buttom at the YT-100 which is fine when the tuner stands beside the radio but not here in the car as described above.

My question now, it is possible to start a tuning cycle with the YT-100 at the FT-857D like with the original Yaesu FC-30 and the respective menue stettings or not ? Or ist there another tuner available from LDG where I can do this (AT-100proII or so) ?

Otherwise I must order the FC-30.

Thanks for your assistance.

73
Rolf, DO1ZZ

6808. yt-100 and autotuning

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-06-12 16:26:26 UTC
From: allister_mclane@...
Topic: 6808 Message: 6808

Hi,

wrote this topic this morning. Seems to have some problems.

Short question. Is it possible to work with an YT-100 and FT857D in the same way like Yaesu FC30 and FT857.
Means pressing the tune buttom at the radfio and not at the tuner. Tuner and radio would be in the back of my car whereas the haed is beside the driver seat. Plan to buy the YT-100 but have read that for tuning I have to press the tune buttom at the tuner, which is not helpful if the tunewr is in the back of the car.

Thanks.

73
Rolf DO1ZZ

6809. Re: [LDG-auto-tuners] FT 857D and YT-100

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-06-12 17:25:32 UTC
From: Jim Allen
Topic: 6807 Message: 6809

The remote autotuner is the RT-100/RC-100 combo. I don't know if it has the range for a mobile antenna.

73 de W6OGC Jim Allen

On Thu, Jun 12, 2014 at 3:41 AM, rds@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:

>
>
> Hi,
>
> have a FT 857D in my car - head beside the dirver seat black box at the
> end of the car.
> Sometimes it would be helpful to have a tuner in ther car and so I thought
> to buy a YT-100.
>

> Before that I have read in the manual that for a tuning cycle I have to
> press the tuning buttom at the YT-100 which is fine when the tuner stands

> beside the radio but not here in the car as described above.
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> My question now, it is possible to start a tuning cycle with the YT-100 at
> the FT-857D like with the original Yaesu FC-30 and the respective menue
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> can do this (AT-100proII or so) ?
>
> Otherwise I must order the FC-30.
>
> Thanks for your assistance.
>
> 73
> Rolf, DO1ZZ
>
>

6810. Re: [LDG-auto-tuners] yt-100 and autotuning

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-06-12 17:28:41 UTC
From: Tom Chesek
Topic: 6808 Message: 6810

Don’t forget that the FT-857 has an accessory jack on the rear where you can configure a push button to place the radio in the transmit mode sending a CW carrier for tuning. It would require another cable run from the rear of the car to the front but would give you additional flexibility in choosing a tuner.

Tom K3TVC

From: mailto:LDG-auto-tuners@yahoogroups.com
Sent: Thursday, June 12, 2014 12:26
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] yt-100 and autotuning

Hi,

wrote this topic this morning. Seems to have some problems.

Short question. Is it possible to work with an YT-100 and FT857D in the same way like Yaesu FC30 and FT857.
Means pressing the tune buttom at the radfio and not at the tuner. Tuner and radio would be in the back of my car whereas the haed is beside the driver seat. Plan to buy the YT-100 but have read that for tuning I have to press the tune buttom at the tuner, which is not helpful if the tunewr is in the back of the car.

Thanks.

73
Rolf DO1ZZ

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1432 / Virus Database: 3955/7164 - Release Date: 06/12/14

6811. Re: IT-100 Autotuning??

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-06-13 05:49:04 UTC
From: wb4rtp@...
Topic: 6805 Message: 6811

John,
The IT-100 is "optimized" for use with Icom radios, but I think it is similar to the KT-100 I have that is intended for use with Kenwood radios. Both of these emulate the autotuner built by the radio manufacturer for use with their radios, so they are limited to what the OEM autotuners could do. For instance, the KT-100 will tune on 6-meters, but since the Kenwood autotuner it replaces could not do so, the Kenwood radio won't allow external tuner operation on 6-meters (it works fine if I manually transmit and press the KT-100 front panel tune button). So, as to your question, yes, you have to press the autotune button on the radio for every new frequency because that is how the radio manufacturer's autotuner worked, and that is how the radio is programmed to expect an external autotuner to work. But, at least the button on the front panel of the radio is convenient.

The KT-100 does have memories. If I return to a frequency I have previously tuned and press the autotune button, the KT-100 will click once (all the relays going to the previously memorized positions), the radio meter shows low SWR, and it is done. If the antenna has changed, the meter shows high SWR, and the KT-100 goes into its autotune sequence with the attendant relay noise.

Now, here is a tip I learned from using the KT-100, which may be applicable to the IT-100. Several commenters have warned that the LDG autotuners are sensitive to RFI. I have seen this in the KT-100, so I now have large ferrite supressors for all three cables connected to the KT-100, input and output coax, and power/control. These act as current-mode baluns. This is in my mobile installation, and you can see pictures in the photo area of this forum.

73,
Avery, WB4RTP

6812. Re: FT 857D and YT-100

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-06-13 06:02:06 UTC
From: wb4rtp@...
Topic: 6807 Message: 6812

Rolf,
I hope my experience with the KT-100 and a Kenwood radio in a mobile installation will be helpful to you. Like you, the KT-100 is installed in the back near the antenna so it is not accessible from the driver's seat where the radio control head is. Instead, there is a multiconductor cable that connects the KT-100 to the radio and supplies power and control signals. With this cable, the Kenwood radio operates as if a Kenwood external autotuner is installed so that the autotuner button on the front panel of the radio activates the KT-100. This was all explained in the manual for the KT-100, so I would hope that the manual for the YT-100 would have a similar explanation. You can see photos of my mobile installation in the photo section of this forum.

73,
Avery, WB4RTP

6813. Z11 Pro II Fine One Day, Won't Tune At All the Next?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-06-13 10:46:58 UTC
From: kirk@...
Topic: 6813 Message: 6813

Hi, gang,

On the eve of the VHF QSO Party, my Z11 Pro II is being weird...

A week ago I replaced an SGC autocoupler that needs TLC with my Z11 Pro II. It's in my attic, and it feeds a 40-meter horizontal loop via a 20-foot length of 600-ohm open-wire line (not ladder line) from 80-6 (not much 80). I set the auto-tune threshold to 2.0 and used it on every band for a week. I never run more than 5-10 W (KX3).

I'm sure there are a few odd impedances in there, as 10 MHz tunes "slowly," but everything was working FB for the duration.

Tonight, however, it simply won't tune at all. On two bands it has a 2.3:1 SWR (okay), but when I send RF on other bands, it doesn't make any attempt to tune.

I power-cycled it, which I can do without accessing the attic hatch, but there was no difference.

Obviously, I need to "blow the hatch" and have a look-see, measure the dc voltage at the jack, force the tuner to do a few manual/full tunes, etc.

But I'm wondering if there's something obvious that I'm missing?

Last week I swept the loop (where the open-wire line connects to the tuner output) with my MiniVNA to see whether a 4:1 balun at the tuner output (between the tuner and the open-wire line) might generally provide better impedances, but I haven't had time to review the numbers, I merely saved the sweep data for later analysis. I can't access the actual feed point, which is on the outside wall of the attic, "many" feet away from the hatch. :) So I had to sweep with the open-wire line attached. I doubt there's an open or short, as an ohmmeter check for end-to-end continuity was normal.

This thing works *really well* for an indoor antenna, but I have been having recurring "goofy" issues with my autotuners for the past few years. The SGC is 15 years old and has seen many an outdoor MN winter, so I have no doubt that it needs relays and/or diodes and/or counter chips, but the Z11 has never been outside and has been treated well since day one.

Thoughts? Help?

As always, I appreciate your insights,

--Kirk, NT0Z

6814. S9 Antennas Discontinued

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-06-14 19:50:12 UTC
From: ldgyahoo@...
Topic: 6814 Message: 6814

While we have plenty of stock of S9 antennas, we've come to the decision to suspend any future production of more S9 antenna units.

The antennas that we have in stock will be available through www.cheapham.com http://www.cheapham.com until the supply is extinguished. They will have an aggressive price structure that will move the remaining antennas at a very rapid pace.

Don't miss out on the discontinued price. These antennas have been successfully proven as good performers for nearly a decade from the original owner, then through LDG.

Dwayne Kincaid
LDG

6815. Re: Z11 Pro II Fine One Day, Won't Tune At All the Next?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-06-14 22:45:44 UTC
From: Mike Lichtman
Topic: 6813 Message: 6815

Kirk,
How hot has the weather been lately where you live? My attic in California gets up to at least 125 degrees F plus on a hot day. Could having the auto tuners in the attic have exposed them to hot temps that fried them? 73 Mike KF6KXG

6816. Re: [LDG-auto-tuners] Re: Z11 Pro II Fine One Day, Won't Tune At All the Next?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-06-15 06:21:06 UTC
From: Kirk Kleinschmidt
Topic: 6813 Message: 6816

Mike,

I live in MN, but attics can still get hot here. Mine sure does.

I opened the hatch to check on the tuner and the exterior case was 120 F according to my non-contact infrared thermometer.

I noticed that the two most right-hand leds were lit, so I power-cycled the box (15V dc measured) and switched it between bypass and tune (just once), and it started working fine (has been all day).

I KNOW the tuner locks up when it's below zero, but I didn't think warm WX (hot attic) would make it fritzy.

I may have to figure out a way to bring a piece of open wire line through the sheetrock ceiling or the wooden attic hatch so I can keep the tuner in the climate-controlled part of the house (by six inches or so).

Last winter I moved the tuner to an upstairs bedroom, just beneath the attic and the loop, and the antenna worked horribly, even with only a 25-foot run of RG-6 between the tuner and the coax/open-wire line transition. It tuned and loaded perfectly, but the antenna went from fantastic to poor in one fell swoop.

Last evening I put 10 new "entities" in the log on 18 and 24 MHz just by answering random, non-contest CQs while running 5 W on CW and SSB (the 6-meter QSO Party was DEAD all day). In its present configuration -- tuner in the attic, loop fed with 20-feet of open-wire line, right to the tuner output, and a 50-60 foot run of RG-6 from the shack to the tuner (choke balun at tuner input and on dc leads) it works great...but if I add a run of coax from the tuner output it becomes a fancy dummy load :)

Maybe I'll have to cool it with thermoelectrics, a Peltier cooler, etc :)

Thanks,

--Kirk, NT0Z

My book, "Stealth Amateur Radio," is now available from
www.stealthamateur.com and on the Amazon Kindle (soon)

>

6817. Re: [LDG-auto-tuners] Re: Z11 Pro II Fine One Day, Won't Tune At All the Next?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-06-15 07:30:25 UTC
From: Furliips Stardust
Topic: 6813 Message: 6817

"Last winter I moved the tuner to an upstairs bedroom, just beneath the attic and the loop, and the antenna worked horribly, even with only a 25-foot run of RG-6 between the tuner and the coax/open-wire line transition. It tuned and loaded perfectly, but the antenna went from fantastic to poor in one fell swoop."

Well, yes. The 25' of RG-6 has huge losses at high SWR. Sure it loads up nice, but all the power is going away before it reaches the open wire line.

LDG suggests using a balun after the tuner, and specifically mentions keeping the coax between the tuner output and the balun short. Preferably under 3'.

At a minimum, I would suggest a 1:1 current balun to properly transition from the UHF connector on the tuner to the open wire line. Personally, I use a 9:1 current balun to feed the 450 ohm ladder line going to my doublet antenna. The coax I use to connect from the balun to the tuner is RG-213, and it's only about 24" long.

Both MFJ and LDG sell a 4:1 current balun. DX Engineering sells a 9:1 as well.

Jeff-1.0
wa6fwi

6818. Re: [LDG-auto-tuners] Re: Z11 Pro II Fine One Day, Won't Tune At All the Next?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-06-15 10:31:08 UTC
From: Kirk Kleinschmidt
Topic: 6813 Message: 6818

Jeff,

Yes, I have been considering the 4:1 current balun. I can mount it directly to the UHF connector, no coax required.

I have used my autotuners with directly fed open-wire line (without the balun) for 15+ years...and they work so well...that I'm reluctant to add anything that might decrease performance :) With a closed loop, as opposed to a doublet, I'm not so sure that electrical balance on the open-wire feeders is really necessary.

I swept the loop with a VNA (at the end of the open-wire line). I will post my impedances in the next day or so (once I extract them from my "war zone" laptop) to see if the balun -- or even a lump-sum L or C -- might tame things a bit.

I have 8 pairs of 22-gauge wire running between the shack and the attic tuner, so I could mount a relay or two if it looks as if that might be useful.

Thanks again,

--Kirk, NT0Z

My book, "Stealth Amateur Radio," is now available from

www.stealthamateur.com and on the Amazon Kindle (soon)

>

6819. Re: [LDG-auto-tuners] Re: Z11 Pro II Fine One Day, Won't Tune At All the Next?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-06-15 11:03:33 UTC
From: Joe
Topic: 6813 Message: 6819

On 6/15/2014 2:21 AM, Kirk Kleinschmidt kirk@...
[LDG-auto-tuners] wrote:
> I may have to figure out a way to bring a piece of open wire line
> through the sheetrock ceiling or the wooden attic hatch so I can keep
> the tuner in the climate-controlled part of the house (by six inches
> or so).

Closet ceilings make a good place to go from attic to living space.
You'll never see the holes.

73, Joe, K1ike

6820. AT-897 Plus minimum SWR

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-06-14 23:14:03 UTC
From: cdruhl@...
Topic: 6820 Message: 6820

Hello group!

I'm a new, happy owner of a AT-897 Plus which has made life easier with the FT0897. I am using a doublet dipole of random size. I can tune pretty much any band for good match but have some quirks with 20 meters.

I attempt a tune on 20M and get back what looks like three flashes on the LED, which in the manual says a match of SWR above 3:1. I get this most of the time. Curious as to how close the match was to 3:1, with one such "three flash" situation on an unused frequency, I dropped the FT-897's power down to 5W, set mode to Phone, and keyed up to find a low match on rig's SWR meter, no power fold back. I increased this up to 90W slowly and got no worse than a 2:1 and never did the HSWR indication arise, though nobody came back to my call. I'm trying to figure out what I'm not seeing or understanding . . .

Very nice tuner, would be hard to go back to manual tuner for what I'm doing here . . .

73 DE N3GBJ Chris

6821. AT-897 Plus and 60 Meters

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-06-16 00:31:04 UTC
From: cdruhl@...
Topic: 6821 Message: 6821

I attempted to work 60 Meters today and notice that the FT-897 and the AT-897 Plus will not communicate when attempting a match on 60 meters, failed tune every time. My multiband antenna has a base SWR of about 5:1 so it should match it, but then I remembered reading in the manual that the tuner automatically puts the FT-897 into AM mode to do its tune magic. We're only allowed SSB and CW on that shared band in USA, and the FT-897 only lets me select SSB or CW, and so I'm guessing FT-897 rejects the command and the AT-897 flashes either a four or five error code to indicate a failed tune cycle.

Is there a workaround for this or am I doing something wrong? I see no reference in the manual to this issue.

Thanks!

6822. Re: [LDG-auto-tuners] AT-897 Plus and 60 Meters

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-06-16 14:06:30 UTC
From: doug pfaff
Topic: 6821 Message: 6822

Try tuning in cw at 10 watts.

Also reduce your swr 5:1 is a horrible match.

Might have been ok with tube rigs but solid state rigs fold back at 2:1.

You need lots of realestate for a antenna in the khz range that 60m is.

The tuner spec say for its input impedance range 6 ohms to 800 ohms

Do you know what your antenna impedance is, what kind of antenna are you using?

Its easier to fix the antenna than blowup your expensive rig

Doug VE5DCP

:

----- Original Message -----
From: cdruhl@... [LDG-auto-tuners]
To: LDG-auto-tuners@yahoogroups.com
Sent: Sunday, June 15, 2014 6:31 PM
Subject: [LDG-auto-tuners] AT-897 Plus and 60 Meters

I attempted to work 60 Meters today and notice that the FT-897 and the AT-897 Plus will not communicate when attempting a match on 60 meters, failed tune every time. My multiband antenna has a base SWR of about 5:1 so it should match it, but then I remembered reading in the manual that the tuner automatically puts the FT-897 into AM mode to do its tune magic. We're only allowed SSB and CW on that shared band in USA, and the FT-897 only lets me select SSB or CW, and so I'm guessing FT-897 rejects the command and the AT-897 flashes either a four or five error code to indicate a failed tune cycle.

Is there a workaround for this or am I doing something wrong? I see no reference in the manual to this issue.

Thanks!

This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

6823. Re: [LDG-auto-tuners] AT-897 Plus and 60 Meters

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-06-16 21:12:34 UTC
From: Bill Aycock
Topic: 6821 Message: 6823

But---- an unmodulated AM carrier IS CW!
Think about it.
Bill—W4BSG

From: mailto:LDG-auto-tuners@yahoogroups.com
Sent: Sunday, June 15, 2014 7:31 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] AT-897 Plus and 60 Meters

I attempted to work 60 Meters today and notice that the FT-897 and the AT-897 Plus will not communicate when attempting a match on 60 meters, failed tune every time. My multiband antenna has a base SWR of about 5:1 so it should match it, but then I remembered reading in the manual that the tuner automatically puts the FT-897 into AM mode to do its tune magic. We're only allowed SSB and CW on that shared band in USA, and the FT-897 only lets me select SSB or CW, and so I'm guessing FT-897 rejects the command and the AT-897 flashes either a four or five error code to indicate a failed tune cycle.

Is there a workaround for this or am I doing something wrong? I see no reference in the manual to this issue.

Thanks!

6824. Re: [LDG-auto-tuners] AT-897 Plus and 60 Meters

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-06-16 22:08:55 UTC
From: Michael Walker
Topic: 6821 Message: 6824

>
> What do you mean your base swr is 5:1?
>

60M isn't resonant with anything else, so I am not surprised it doesn't work.

Regardless of what mode the radio is in, that has nothing to do with the tuning of the antenna.

In order to help you out, we will need to know what you are using for an antenna.

Just because you can get a tuner to tune an antenna, doesn't mean that it will radiate a signal. You might be just turning all that RF energy into heat and that isn't what you want.

Unfortunately good SWR only means the radio is happy. Bad SWR means the radio isn't happy. Still, I'm not surprised you are having issues.

73

Mike va3mw

>
>
> ----- Original Message -----
> *From:* cdruhl@... [LDG-auto-tuners]
> <cdruhl@...t+[LDG-auto-tuners]>
> *To:* LDG-auto-tuners@yahoogroups.com
> *Sent:* Sunday, June 15, 2014 6:31 PM
> *Subject:* [LDG-auto-tuners] AT-897 Plus and 60 Meters
>
>
>
> I attempted to work 60 Meters today and notice that the FT-897 and the
> AT-897 Plus will not communicate when attempting a match on 60 meters,
> failed tune every time. My multiband antenna has a base SWR of about 5:1
> so it should match it, but then I remembered reading in the manual that the
> tuner automatically puts the FT-897 into AM mode to do its tune magic.
> We're only allowed SSB and CW on that shared band in USA, and the FT-897
> only lets me select SSB or CW, and so I'm guessing FT-897 rejects the
> command and the AT-897 flashes either a four or five error code to indicate
> a failed tune cycle.
>
>
> Is there a workaround for this or am I doing something wrong? I see no

> reference in the manual to this issue.
>
>
> Thanks!
>
>
>
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> This email is free from viruses and malware because avast! Antivirus
> <http://www.avast.com/> protection is active.
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6825. RE: [LDG-auto-tuners] AT-897 Plus and 60 Meters

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-06-16 22:25:35 UTC
From: Chris Ruhl
Topic: 6821 Message: 6825

I shared one solution in a different note - since the AT-897 Plus puts FT-897 into SSB mode automatically, I can't tell the AT-897 tuner to use CW for a tune cycle, I drop power to 5W, initiate a tune, key up microphone, and sign with call while the tuner is doing its tune cycle. Works like a charm.

The AT-897 does take care of the 5:1 match; in fact it got it down to 1.5 to 1 - I wasn't attempting to use my doublet dipole fed with ladder line and balun with coax to station without a tuner, I got it to tune by accident and then couldn't get it to do it again - I had enough local noise to set off the tune sequence the first time. My antenna is small but okay for NVIS work.

I only went through this exercise on 60M because a radio friend 60 miles away wanted to work me on 60M, which we did. I can get my small antenna to tune on 80M for CW work and enjoy working guys with straight key in a 500 mile range when band conditions are good.

Thanks, all, for the replies

From: LDG-auto-tuners@yahoogroups.com
[mailto:LDG-auto-tuners@yahoogroups.com]
Sent: Monday, June 16, 2014 10:07 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] AT-897 Plus and 60 Meters

Try tuning in cw at 10 watts.

Also reduce your swr 5:1 is a horrible match.

Might have been ok with tube rigs but solid state rigs fold back at 2:1.

You need lots of realestate for a antenna in the khz range that 60m is.

The tuner spec say for its input impedance range 6 ohms to 800 ohms

Do you know what your antenna impedance is, what kind of antenna are you using?

Its easier to fix the antenna than blowup your expensive rig

Doug VE5DCP

:

----- Original Message -----

From: cdruhl@... [LDG-auto-tuners]
<mailto:cdruhl@...%20%5bLDG-auto-tuners%5d>

To: LDG-auto-tuners@yahoogroups.com

Sent: Sunday, June 15, 2014 6:31 PM

Subject: [LDG-auto-tuners] AT-897 Plus and 60 Meters

I attempted to work 60 Meters today and notice that the FT-897 and the AT-897 Plus will not communicate when attempting a match on 60 meters, failed tune every time. My multiband antenna has a base SWR of about 5:1 so it should match it, but then I remembered reading in the manual that the tuner automatically puts the FT-897 into AM mode to do its tune magic. We're only allowed SSB and CW on that shared band in USA, and the FT-897 only lets me select SSB or CW, and so I'm guessing FT-897 rejects the command and the AT-897 flashes either a four or five error code to indicate a failed tune cycle.

Is there a workaround for this or am I doing something wrong? I see no reference in the manual to this issue.

Thanks!

<http://www.avast.com/>

This email is free from viruses and malware because avast! Antivirus <http://www.avast.com/> protection is active.

6826. RE: [LDG-auto-tuners] AT-897 Plus and 60 Meters

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-06-16 22:13:04 UTC
From: Chris Ruhl
Topic: 6821 Message: 6826

Yes, you are correct, and that much I knew - but the AT-897 can't be programmed to put the FT-897 into CW mode during a tune cycle -- at least I know of no way - perhaps it would be nice if the AT-897 could bet set to go into CW mode for 60M only and send a carrier.

I finally discovered a solution with the help of LDG support and the bit in the manual about anything spoken into the mic is transmitted during a tune cycle: The AT-897 puts the FT-897 into SSB mode on a 60 meter tune cycle, and any audio into the microphone will cause a carrier - so I set power low to be safe, find an empty 60 meter channel, press tune button as normal to initiate a tune cycle, press the mic's PTT, then say my call sign and "testing" or "tuning" into the mic to generate a carrier until the tune cycle is complete and stored into memory, which doesn't take long. That setting will hold me for the other channels and it should take no time now that the memories have it, at least for now.

This is my first shot at auto-tuners and 60M in same boat, been using manual tuners for past 25 years, all new! I wish I had gone the auto-tune route sooner!

73 Chris - N3GBJ

From: LDG-auto-tuners@yahoogroups.com
[mailto:LDG-auto-tuners@yahoogroups.com]
Sent: Monday, June 16, 2014 5:13 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] AT-897 Plus and 60 Meters

But---- an unmodulated AM carrier IS CW!

Think about it.

Bill-W4BSG

6827. RE: [LDG-auto-tuners] AT-897 Plus and 60 Meters

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-06-17 01:25:51 UTC
From: Chris Ruhl
Topic: 6821 Message: 6827

I suspect that I caused confusion by incorrectly formulating my question, my fault. I have an LDG AT-897 and a Yaesu FT-897, a custom match. AT-897 manual points out that the tuner works by the CAT cable connection between tuner and radio. The LDG tuner reads the frequency from the radio, then sets the radio to low power, AM mode, and seeks a match - and the tuning range is very good, much better than the stock Yaesu FC-30. My whole issue was trying to get the radio-tuner combination to do a successful tune on 60M. I was able to follow the instructions in the manual (I did read it cover to cover before working the LDG tuner) but on 60M I got "no RF" or "Lost RF" error messages. I finally learned to tune on 60M by initiating a tune on the AT-897, which puts my FT-897 into low power in SSB mode, and then speak my callsign into the mic repeatedly - which puts a carrier into the tuner -- while it found its match and put all in memory. This gave me a very low match. I just tried to make absolutely sure within reason that nobody was using the frequency (channel, actually) so as to not tune on top of a QSO, and I kept power low.

My apologies, please, for clogging up the board with this. I do thank everybody for trying to help and all is fine now. I always used multi-band antennas of random length from limited space and use ladder line with balun and coax for a feed line and minimized QRM by tuning off-frequency with low power or, better yet, using my MFJ-259B analyzer to get my match with the manual tuner and check my antenna before turning on the radio. I used to keep a chart of match configurations for the two caps and roller inductor for each band or portions thereof, next to the tuner, to make it easier. The procedure for doing an auto tune on 60M seemed to go against all of what I learned early on as a Novice - don't stomp on the other fellow's QSO, tune only on quiet portions of the band, ask if the frequency is in use. This is my first crack at an ATU, ever. I wish I had made the move sooner!! I now spend more time working stations than time off-air changing bands and other adjustments (which was really time consuming when I was using my old boat anchor tube rigs as the tuning process with those rigs can or will conflict with a manual tuner, like two tuners in series, and I could run with a high SWR at times and still have effective contacts. Using compact antennas as I do usually means narrow bandwidth - or sometimes too much which is usually no good!

I was making contacts and using my new LDG tuner just fine - I have a doublet dipole which is more or less the right size for 40M -- my antenna analyzer gives a very low SWR curve in that band with very close to 50 ohms of resistance. My problem happened when I telephoned a friend who lives 60 miles away from me to for a sked to have some HF fun on 40M which we did for a while and then he suggested that we try a channel on 60M for grins as there was no activity over there and I've never had a radio which could do 60M until I acquired the FT-897 a month or so ago. The LDG AT-897 tuner

would not tune on 60M - because the tuner wants to put the radio into AM mode which is locked out by the radio for 60M - the radio only allows SSB or CW and I can't modify the LDG AT-897 to change it to CW for a carrier. I had only been using the tuner for a few hours and had no problems at all until trying to tune up on 60M while on the phone with the other operator - I did get the tuner to work by accident because the microphone was picking up ambient noise but I was getting a message from the tuner (three flashes of the LED after the tune cycle was over) that my match was over 3:1, which didn't make much sense. We had a nice QSO on 60M, I was on 50W, which lasted about fifteen minutes (he copied me 55 to 57) - the FT-897 read an SWR of about 2.5 to 1 - the FT-897's "High SWR" warning never came on.

I took my antenna analyzer and plugged my antenna coax right into it, no tuner, no rig in the loop, and read 5 to 1 SWR because, initially, the tuner was giving the high match apparently because it wasn't getting a good carrier at the time and the process ended prematurely - I forget the exact impedance values but I know the radiation resistance wasn't good, the impedance was too high, efficiency was lousy and my low signal was thus of no surprise and to be expected - so one of my next projects is to home-brew an antenna just for 60M. All of my antennas are compact, compromise home-brews because of severe space restrictions which I cannot control.

So, we're good - and thanks again. Good DX to all! 73 DE N3GBJ

From: LDG-auto-tuners@yahoogroups.com
[mailto:LDG-auto-tuners@yahoogroups.com]
Sent: Monday, June 16, 2014 6:09 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] AT-897 Plus and 60 Meters

What do you mean your base swr is 5:1?

60M isn't resonant with anything else, so I am not surprised it doesn't work.

Regardless of what mode the radio is in, that has nothing to do with the tuning of the antenna.

In order to help you out, we will need to know what you are using for an antenna.

Just because you can get a tuner to tune an antenna, doesn't mean that it will radiate a signal. You might be just turning all that RF energy into heat and that isn't what you want.

Unfortunately good SWR only means the radio is happy. Bad SWR means the radio isn't happy. Still, I'm not surprised you are having issues.

73

Mike va3mw

----- Original Message -----

From: cdruhl@... [LDG-auto-tuners]
<mailto:cdruhl@...+%5bLDG-auto-tuners%5d>

To: LDG-auto-tuners@yahoogroups.com

Sent: Sunday, June 15, 2014 6:31 PM

Subject: [LDG-auto-tuners] AT-897 Plus and 60 Meters

I attempted to work 60 Meters today and notice that the FT-897 and the AT-897 Plus will not communicate when attempting a match on 60 meters, failed tune every time. My multiband antenna has a base SWR of about 5:1 so it should match it, but then I remembered reading in the manual that the tuner automatically puts the FT-897 into AM mode to do its tune magic. We're only allowed SSB and CW on that shared band in USA, and the FT-897 only lets me select SSB or CW, and so I'm guessing FT-897 rejects the command and the AT-897 flashes either a four or five error code to indicate a failed tune cycle.

Is there a workaround for this or am I doing something wrong? I see no reference in the manual to this issue.

Thanks!

<http://www.avast.com/>

This email is free from viruses and malware because avast!
<http://www.avast.com/> Antivirus protection is active.

6828. Re: AT-897 Plus and 60 Meters

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-06-17 18:45:54 UTC
From: michael@...
Topic: 6821 Message: 6828

If you were to do the wideband mod to the radio it should let you tx anywhere on HF in any mode. The mod does remove the auto repeater shift, not sure what it does to the 60m channels but like your repeaters, the channels could be programmed into normal memories anyway.

73

Mike
M0SAZ

6829. Re: [LDG-auto-tuners] LDG AT-200 PRO11 AUTOTUNER

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-06-18 23:19:51 UTC
From: g4jkz@...
Topic: 6750 Message: 6829

Thanks Dwayne, I am a delighted user of one of your AT-200-Pro ll's with my 897D.

Keith (g4jkz)

6830. Issue with relay cycling on Z100Plus tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-06-21 14:23:53 UTC
From: 06nleclair@...
Topic: 6830 Message: 6830

My station:
IC-718
LDG Z-100Plus tuner

W8AMZ 80-6M ocf dipole

When rf output is around 30-40 watts I can hear a relay cycling on the tuner. My radio is configured to only tune when pressing the Tune button. I've tried placing ferrite beads on the tuner power and control leads. I've also placed beads near the the feedpoint of the antenna in addition to the balun that I wound near the feedpoint. I also sent in the tuner but they couldn't find anything wrong with it.

6831. Re: [LDG-auto-tuners] Issue with relay cycling on Z100Plus tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-06-21 17:58:56 UTC
From: Craig
Topic: 6830 Message: 6831

.... And what exactly is the description of the problem?

73, Craig

On Jun 21, 2014, at 10:23 AM, "06nleclair@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:

>
>
> My station:
> IC-718
> LDG Z-100Plus tuner
>
> W8AMZ 80-6M ocf dipole
>
>
> When rf output is around 30-40 watts I can hear a relay cycling on the tuner. My radio is configured to only tune when pressing the Tune button. I've tried placing ferrite beads on the tuner power and control leads. I've also placed beads near the the feedpoint of the antenna in addition to the balun that I wound near the feedpoint. I also sent in the tuner but they couldn't find anything wrong with it.
>
>
>
>
>

6832. Re: Issue with relay cycling on Z100Plus tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-06-21 18:19:07 UTC
From: 06nleclair@...
Topic: 6830 Message: 6832

It's cycling when it's not in a tune cycle. Not an issue on digi modes as I run 15 watts max on those modes but it's very much noticeable on phone.

6833. Re: [LDG-auto-tuners] Re: Issue with relay cycling on Z100Plus tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-06-21 18:42:58 UTC
From: Craig
Topic: 6830 Message: 6833

Okay. I checked the user manual for that model and unfortunately it does not have the feature some of the more advanced tuners have, which is the ability to turn off automatic tuning or adjust the SWR threshold for automatic tuning.

What I would suggest is to wire a switch into the DC power lead and after it tunes, turn it off. It uses latching relays so it will remain at the last tune setting, and this will solve your problem.

73, Craig

On Jun 21, 2014, at 2:19 PM, "06nleclair@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:

>
>
> It's cycling when it's not in a tune cycle. Not an issue on digi modes as I run 15 watts max on those modes but it's very much noticeable on phone.
>
>

6834. Re: [LDG-auto-tuners] Re: Issue with relay cycling on Z100Plus tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-06-21 18:49:19 UTC
From: Leonard K. Pennock (AD7AS)
Topic: 6830 Message: 6834

Put it in semi mode to work around it. Fix rfi issues to fix it. Chokes on DC lead an coax.
--
Leonard K. Pennock (AD7AS)

On June 21, 2014 11:19:07 AM MST, "06nleclair@... [LDG-auto-tuners]"
<LDG-auto-tuners@yahoogroups.com> wrote:
>It's cycling when it's not in a tune cycle. Not an issue on digi modes
>as I run 15 watts max on those modes but it's very much noticeable on
>phone.

6835. Effect of Extending Cable on IT-100 on SWR

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-06-22 06:47:12 UTC
From: ve7rvs@...
Topic: 6835 Message: 6835

I just extended the original 14" cable of my IT-100 (connnected to an Icom IC-7200) by about a foot, using #18 stranded hookup wires and did a pretty good job soldering the wires and put heat shrinks on the joints.

I think my original SWR readings of about 1:1.4 on several favorite freqs now are about 1:1.7. I observed this after did a full tune on my favorite freqs.

Could my extending the cable could have caused this? Does this mean a need for recalibration of the IT-100?

TIA & 73,
Ramon ve7rvs

6836. Re: [LDG-auto-tuners] Effect of Extending Cable on IT-100 on SWR

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-06-22 13:56:00 UTC
From: Jim Allen
Topic: 6835 Message: 6836

Is the "cable" between the two coax, carrying RF? If so, using hook up
wire is a bad idea. No telling what the load looks like going through that.

Use 50 ohm coax between the two.

73 de W6OGC Jim Allen

On Sun, Jun 22, 2014 at 1:47 AM, ve7rvs@... [LDG-auto-tuners] <
LDG-auto-tuners@yahoogroups.com> wrote:

>
>
> I just extended the original 14" cable of my IT-100 (connnected to an Icom
> IC-7200) by about a foot, using #18 stranded hookup wires and did a pretty
> good job soldering the wires and put heat shrinks on the joints.
>
>
> I think my original SWR readings of about 1:1.4 on several favorite freqs
> now are about 1:1.7. I observed this after did a full tune on my favorite
> freqs.
>
>
> Could my extending the cable could have caused this? Does this mean a need
> for recalibration of the IT-100?

>
>
> TIA & 73,
>
> Ramon ve7rvs
>
>
>

6837. RE: [LDG-auto-tuners] Effect of Extending Cable on IT-100 on SWR

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-06-22 15:19:42 UTC
From: Ken Bandy, KJ9B
Topic: 6835 Message: 6837

Ramon, if I understand correctly, you extended the control cable between the tuner and your rig, correct? If this is the case, I would think this should have a minimal to no effect on your SWR. In fact, it appears your measured SWR is still under 1:2. A difference of 3 tenths of a point is negligible. I, personally, don't think you have anything to worry about.

73,

Ken, KJ9B

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com]
Sent: Sunday, June 22, 2014 2:47 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Effect of Extending Cable on IT-100 on SWR

I just extended the original 14" cable of my IT-100 (connnected to an Icom IC-7200) by about a foot, using #18 stranded hookup wires and did a pretty good job soldering the wires and put heat shrinks on the joints.

I think my original SWR readings of about 1:1.4 on several favorite freqs now are about 1:1.7. I observed this after did a full tune on my favorite freqs.

Could my extending the cable could have caused this? Does this mean a need for recalibration of the IT-100?

TIA & 73,

Ramon ve7rvs

6838. Re: [LDG-auto-tuners] Effect of Extending Cable on IT-100 on SWR

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-06-22 14:30:47 UTC
From: Mark
Topic: 6835 Message: 6838

I'm guessing by extending the control wire you moved the unit. See if you have wires that touch crossing at angles. 1.7 is a good SWR. Not a big deal, really.

>_____
> From: "Jim Allen Jim.Allen@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com>
>To: LDG-auto-tuners@yahoogroups.com
>Sent: Sunday, June 22, 2014 9:56 AM
>Subject: Re: [LDG-auto-tuners] Effect of Extending Cable on IT-100 on SWR
>
>
>
>
>Is the "cable" between the two coax, carrying RF? If so, using hook up wire is a bad idea. No telling what the load looks like going through that.
>
>Use 50 ohm coax between the two.
>
>73 de W6OGC Jim Allen
>
>
>
>
>On Sun, Jun 22, 2014 at 1:47 AM, ve7rvs@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:
>
>
>>
>>I just extended the original 14" cable of my IT-100 (connnected to an Icom IC-7200) by about a foot, using #18 stranded hookup wires and did a pretty good job soldering the wires and put heat shrinks on the joints.
>>
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>>
>>
>>Could my extending the cable could have caused this? Does this mean a need for recalibration of the IT-100?
>>
>>
>>TIA & 73,
>>Ramon ve7rvs
>
>
>

>

6839. Re: [LDG-auto-tuners] Effect of Extending Cable on IT-100 on SWR

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-06-22 18:31:19 UTC
From: ve7rvs@yahoo.com
Topic: 6835 Message: 6839

Sorry I assumed all LDG atu had this cable, yes its a control cable that goes between the radio ang the IT-100 not the coaxes. I agree that 1.7 swr is not too bad, its just that if I closely observe my forward power output, it seems to go down slightly, eg, 10W to 9W over 50 sec keyed on JT65, (this could be another issue). Tks

6840. Re: [LDG-auto-tuners] Effect of Extending Cable on IT-100 on SWR

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-06-22 19:00:15 UTC
From: Craig
Topic: 6835 Message: 6840

Some meters don't read perfectly linear so often there is a change of SWR reading at higher power and I've also seen that lower power will often show lower SWR in a bariety of meters. Like the others have recommended, try not to worry about it. Via an online calculator, 1.7:1 is a 6.7% power loss and 1.5:1 is a 4.0% power loss. Not a big difference.

http://www.csgnetwork.com/vswrlosscalc.html

73,

Craig

On Jun 22, 2014, at 2:31 PM, "'ve7rvs@...' ve7rvs@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:

>
>
> Sorry I assumed all LDG atu had this cable, yes its a control cable that goes between the radio ang the IT-100 not the coaxes. I agree that 1.7 swr is not too bad, its just that if I closely observe my forward power output, it seems to go down slightly, eg, 10W to 9W over 50 sec keyed on JT65, (this could be another issue). Tks
>
>
> From: Mark marks146@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com>;
> To: <LDG-auto-tuners@yahoogroups.com>;
> Subject: Re: [LDG-auto-tuners] Effect of Extending Cable on IT-100 on SWR
> Sent: Sun, Jun 22, 2014 2:30:47 PM
>
> I'm guessing by extending the control wire you moved the unit. See if you have wires that touch crossing at angles. 1.7 is a good SWR. Not a big deal, really.
>
> From: "Jim Allen Jim.Allen@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com>
> To: LDG-auto-tuners@yahoogroups.com
> Sent: Sunday, June 22, 2014 9:56 AM
> Subject: Re: [LDG-auto-tuners] Effect of Extending Cable on IT-100 on SWR
>
>
> Is the "cable" between the two coax, carrying RF? If so, using hook up wire is a bad idea. No telling what the load looks like going through that.
>
> Use 50 ohm coax between the two.
>
> 73 de W6OGC Jim Allen
>
>
> On Sun, Jun 22, 2014 at 1:47 AM, ve7rvs@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:

>
> I just extended the original 14" cable of my IT-100 (connnected to an Icom IC-7200) by about a foot, using #18 stranded hookup wires and did a pretty good job soldering the wires and put heat shrinks on the joints.
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> I think my original SWR readings of about 1:1.4 on several favorite freqs now are about 1:1.7. I observed this after did a full tune on my favorite freqs.
>
> Could my extending the cable could have caused this? Does this mean a need for recalibration of the IT-100?
>
> TIA & 73,
> Ramon ve7rvs
>
>
>
>
>
>

6841. Re: [LDG-auto-tuners] Effect of Extending Cable on IT-100 on SWR

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-06-22 19:07:38 UTC
From: Craig
Topic: 6835 Message: 6841

Another way to look at it, from the same calculator, 1.7:1 is a 0.3 dB loss. If an S unit is considered to be 6dB, that is 1/20th of an S unit :-)

73, Craig

On Jun 22, 2014, at 3:00 PM, "Craig cpu_nut@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:

>
>
> Some meters don't read perfectly linear so often there is a change of SWR reading at higher power and I've also seen that lower power will often show lower SWR in a bariety of meters. Like the others have recommended, try not to worry about it. Via an online calculator, 1.7:1 is a 6.7% power loss and 1.5:1 is a 4.0% power loss. Not a big difference.
>
> http://www.csgnetwork.com/vswrlosscalc.html
>
> 73,
>
> Craig
>
> On Jun 22, 2014, at 2:31 PM, "'ve7rvs@...' ve7rvs@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:
>
>>
>> Sorry I assumed all LDG atu had this cable, yes its a control cable that goes between the radio ang the IT-100 not the coaxes. I agree that 1.7 swr is not too bad, its just that if I closely observe my forward power output, it seems to go down slightly, eg, 10W to 9W over 50 sec keyed on JT65, (this could be another issue). Tks
>>
>>
>> From: Mark marks146@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com>;
>> To: <LDG-auto-tuners@yahoogroups.com>;
>> Subject: Re: [LDG-auto-tuners] Effect of Extending Cable on IT-100 on SWR
>> Sent: Sun, Jun 22, 2014 2:30:47 PM
>>
>> I'm guessing by extending the control wire you moved the unit. See if you have wires that touch crossing at angles. 1.7 is a good SWR. Not a big deal, really.
>>
>> From: "Jim Allen Jim.Allen@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com>
>> To: LDG-auto-tuners@yahoogroups.com
>> Sent: Sunday, June 22, 2014 9:56 AM
>> Subject: Re: [LDG-auto-tuners] Effect of Extending Cable on IT-100 on SWR
>>
>>

>> Is the "cable" between the two coax, carrying RF? If so, using hook up wire is a bad idea. No telling what the load looks like going through that.
>>
>> Use 50 ohm coax between the two.
>>
>> 73 de W6OGC Jim Allen
>>
>>
>> On Sun, Jun 22, 2014 at 1:47 AM, ve7rvs@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:
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>> I just extended the original 14" cable of my IT-100 (connnected to an Icom IC-7200) by about a foot, using #18 stranded hookup wires and did a pretty good job soldering the wires and put heat shrinks on the joints.
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>> I think my original SWR readings of about 1:1.4 on several favorite freqs now are about 1:1.7. I observed this after did a full tune on my favorite freqs.
>>
>> Could my extending the cable could have caused this? Does this mean a need for recalibration of the IT-100?
>>
>> TIA & 73,
>> Ramon ve7rvs
>
>
>

6842. YT-450 on FTDX-3000

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-06-22 20:26:44 UTC
From: michael@...
Topic: 6842 Message: 6842

Hi does anyone know if the CAT commands on the YT-450 are compatible with the FTDX-3000?

73

Mike
M0SAZ

6843. Re: [LDG-auto-tuners] Effect of Extending Cable on IT-100 on SWR

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-06-22 23:00:53 UTC
From: Ramon
Topic: 6835 Message: 6843

Thanks to all for your advise.

73 Ramon

On Sunday, June 22, 2014 12:07:48 PM, "Craig cpu_nut@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:

Another way to look at it, from the same calculator, 1.7:1 is a 0.3 dB loss. If an S unit is considered to be 6dB, that is 1/20th of an S unit :-)

73, Craig

On Jun 22, 2014, at 3:00 PM, "Craig cpu_nut@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:

Some meters don't read perfectly linear so often there is a change of SWR reading at higher power and I've also seen that lower power will often show lower SWR in a bariety of meters. Like the others have recommended, try not to worry about it. Via an online calculator, 1.7:1 is a 6.7% power loss and 1.5:1 is a 4.0% power loss. Not a big difference.
>
>
>http://www.csgnetwork.com/vswrlosscalc.html
>
>
>73,
>
>
>Craig
>
>On Jun 22, 2014, at 2:31 PM, "'ve7rvs@...' ve7rvs@yahoo.com [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:
>
>
>Sorry I assumed all LDG atu had this cable, yes its a control cable that goes between the radio ang the IT-100 not the coaxes. I agree that 1.7 swr is not too bad, its just that if I closely observe my forward power output, it seems to go down slightly, eg, 10W to 9W over 50 sec keyed on JT65, (this could be another issue). Tks
>>
>>
>>
>>_____
>> From: Mark marks146@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com>;
>>To: <LDG-auto-tuners@yahoogroups.com>;
>>Subject: Re: [LDG-auto-tuners] Effect of Extending Cable on IT-100 on SWR
>>Sent: Sun, Jun 22, 2014 2:30:47 PM
>>

>>
>>
>>I'm guessing by extending the control wire you moved the unit. See if you have wires that touch crossing at angles. 1.7 is a good SWR. Not a big deal, really.
>>
>>
>>From: "Jim Allen Jim.Allen@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com>
>>>To: LDG-auto-tuners@yahoogroups.com
>>>Sent: Sunday, June 22, 2014 9:56 AM
>>>Subject: Re: [LDG-auto-tuners] Effect of Extending Cable on IT-100 on SWR
>>>
>>>
>>>
>>>
>>>Is the "cable" between the two coax, carrying RF? If so, using hook up wire is a bad idea. No telling what the load looks like going through that.
>>>
>>>Use 50 ohm coax between the two.
>>>
>>>73 de W6OGC Jim Allen
>>>
>>>
>>>
>>>
>>>On Sun, Jun 22, 2014 at 1:47 AM, ve7rvs@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:
>>>
>>>
>>>>
>>>>I just extended the original 14" cable of my IT-100 (connnected to an Icom IC-7200) by about a foot, using #18 stranded hookup wires and did a pretty good job soldering the wires and put heat shrinks on the joints.
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>>>>I think my original SWR readings of about 1:1.4 on several favorite freqs now are about 1:1.7. I observed this after did a full tune on my favorite freqs.
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>>>>
>>>>Could my extending the cable could have caused this? Does this mean a need for recalibration of the IT-100?
>>>>
>>>>
>>>>TIA & 73,
>>>>Ramon ve7rvs
>>>
>>>
>>>

6844. Re: Effect of Extending Cable on IT-100 on SWR

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-06-25 05:56:43 UTC
From: wb4rtp@...
Topic: 6835 Message: 6844

Ramon,
When I first tried to extend the control cable for my KT-100, it didn't work. I had two issues to address before I got it working:

1. Signal integrity: The KT-100 has two control signals plus power and "ground", which is the return for both power and signal. I used CAT-5 cable which has 8 conductors in four twisted pairs. Each pair consists of a solid color insulation and a striped insulation, i.e., green paired with green-white. I connected all of the striped wires to ground. Two of the remaining solid color wires went to power, and the remaining two wires each went to a control signal. This makes sure the twisted wire pairs are properly utilized. I used the diagram in the manual to make sure I had the wires hooked up correctly since the connectors are different at each end. This method gave me proper wire pairing for the control signals which are normal logic levels and can easily be corrupted with ground-loop noise.

2. RFI: Once I had a good control cable, I added a ferrite suppressor to choke RF currents. Specifically, I used an FT-240-31 toroid core, and wound 8 turns of the CAT-5 cable on it. You could use split bead ferrites, but you should install several. Since I have read accounts, and experienced for myself, RFI in LDG tuners, I also installed ferrite beads on the input and output RF coax, which amounts to current baluns. This may be overkill, but it works for me.

73,
Avery, WB4RTP

6845. Re: YT-450 on FTDX-3000

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-06-25 15:30:36 UTC
From: ldgyahoo@...
Topic: 6842 Message: 6845

Hello,

You can download both manuals from the Yaesu web site and look at the CAT commands. You'll find that they are not compatible.

Typically, Yaesu CAT commands go in pairs of radios. FT-857 and F-897, FT-450 and 950, FTDX1200 and 3000, FTDX-5000 and 9000. Then there are singles that are only compatible with themselves: FT-817, FT-100, FT-847, FT-2000.

I may have missed a couple, but you get the picture.

Dwayne Kincaid
WD8OYG

6846. Re: [LDG-auto-tuners] Re: Effect of Extending Cable on IT-100 on SWR

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-06-25 16:23:08 UTC
From: Ramon
Topic: 6835 Message: 6846

Hi Avery,

I much appreciate your followup on my post. I think its a very good idea to use the Cat-5 cable and using a lot of ferrite beads.

The original LDG cable was foil shielded with a bare ground wire in it and so was concerned about the exposed portion of my hookup wires (#18) extension. Very crude but what I did was wrapped my extension with a couple of layers of aluminum foil, overlapping the ground wire, and wrapped the length with electric tape, paying particular attention so that the end that overlaps is tight and put a couple of small cable ties in this area. There was some improvement on my SWR, but still not the same as before, so I might try your advise one weekend.

Thanks & 73,
Ramon VE7RVS

On Tuesday, June 24, 2014 10:56:48 PM, "wb4rtp@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:

Ramon,
When I first tried to extend the control cable for my KT-100, it didn't work. I had two issues to address before I got it working:

1. Signal integrity: The KT-100 has two control signals plus power and "ground", which is the return for both power and signal. I used CAT-5 cable which has 8 conductors in four twisted pairs. Each pair consists of a solid color insulation and a striped insulation, i.e., green paired with green-white. I connected all of the striped wires to ground. Two of the remaining solid color wires went to power, and the remaining two wires each went to a control signal. This makes sure the twisted wire pairs are properly utilized. I used the diagram in the manual to make sure I had the wires hooked up correctly since the connectors are different at each end. This method gave me proper wire pairing for the control signals which are normal logic levels and can easily be corrupted with ground-loop noise.

2. RFI: Once I had a good control cable, I added a ferrite suppressor to choke RF currents. Specifically, I used an FT-240-31 toroid core, and wound 8 turns of the CAT-5 cable on it. You could use split bead ferrites, but you should install several. Since I have read accounts, and experienced for myself, RFI in LDG tuners, I also installed ferrite beads on the input and output RF coax, which amounts to current baluns. This may be overkill, but it works for me.

73,
Avery, WB4RTP

6847. Re: [LDG-auto-tuners] Re: Effect of Extending Cable on IT-100 on SWR

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-06-26 11:07:34 UTC
From: Steen Rudberg
Topic: 6835 Message: 6847

Hi Ramon

Did you reconnect your coax or change position of any of tuner/coax's?

Vy 73 de
5p0o, Steen

----- Original Message -----
From: Ramon ve7rvs@... [LDG-auto-tuners]
To: LDG-auto-tuners@yahoogroups.com
Sent: Wednesday, June 25, 2014 6:23 PM
Subject: Re: [LDG-auto-tuners] Re: Effect of Extending Cable on IT-100 on SWR

Hi Avery,

I much appreciate your followup on my post. I think its a very good idea to use the Cat-5 cable and using a lot of ferrite beads.

The original LDG cable was foil shielded with a bare ground wire in it and so was concerned about the exposed portion of my hookup wires (#18) extension. Very crude but what I did was wrapped my extension with a couple of layers of aluminum foil, overlapping the ground wire, and wrapped the length with electric tape, paying particular attention so that the end that overlaps is tight and put a couple of small cable ties in this area. There was some improvement on my SWR, but still not the same as before, so I might try your advise one weekend.

Thanks & 73,
Ramon VE7RVS

On Tuesday, June 24, 2014 10:56:48 PM, "wb4rtp@... [LDG-auto-tuners]"
<LDG-auto-tuners@yahoogroups.com> wrote:

Ramon,
When I first tried to extend the control cable for my KT-100, it didn't work. I had two issues to address before I got it working:

1. Signal integrity: The KT-100 has two control signals plus power and "ground", which is the return for both power and signal. I used CAT-5 cable which has 8 conductors in four twisted pairs. Each pair consists of a solid color insulation and a striped insulation, i.e., green paired with green-white. I connected all of the striped wires to ground. Two of the remaining solid color wires went to power, and the remaining two wires each went to a control signal. This makes sure the twisted wire pairs are properly utilized. I used the diagram in the manual to make sure I had the wires hooked up correctly since the connectors are different at each end. This method gave me proper wire pairing for the control signals which are normal logic levels and can easily be corrupted with ground-loop noise.

2. RFI: Once I had a good control cable, I added a ferrite suppressor to choke RF currents. Specifically, I used an FT-240-31 toroid core, and wound 8 turns of the CAT-5 cable on it.

You could use split bead ferrites, but you should install several. Since I have read accounts, and experienced for myself, RFI in LDG tuners, I also installed ferrite beads on the input and output RF coax, which amounts to current baluns. This may be overkill, but it works for me.

73,
Avery, WB4RTP

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4592 / Virus Database: 3986/7743 - Release Date: 06/25/14

6848. Re: [LDG-auto-tuners] Re: Effect of Extending Cable on IT-100 on SWR

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-06-26 15:18:35 UTC
From: Ramon
Topic: 6835 Message: 6848

Steen,

Yes I did both.

73 Ramon ve7rvs

On Thursday, June 26, 2014 4:07:34 AM, "'Steen Rudberg' steen.rudberg@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:

☐
Hi Ramon

Did you reconnect your coax or change position of
any of tuner/coax's?

Vy 73 de
5p0o, Steen

----- Original Message -----
>From: Ramon ve7rvs@... [LDG-auto-tuners]
>To: LDG-auto-tuners@yahoogroups.com
>Sent: Wednesday, June 25, 2014 6:23 PM
>Subject: Re: [LDG-auto-tuners] Re: Effect of Extending Cable on IT-100 on SWR
>
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>Hi Avery,
>
>
>I much appreciate your followup on my post. I think its a very good idea to use the Cat-5 cable and using a lot of ferrite beads.
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>The original LDG cable was foil shielded with a bare ground wire in it and so was concerned about the exposed portion of my hookup wires (#18) extension. Very crude but what I did was wrapped my extension with a couple of layers of aluminum foil, overlapping the ground wire, and wrapped the length with electric tape, paying particular attention so that the end that overlaps is tight and put a couple of small cable ties in this area. There was some improvement on my SWR, but still not the same as before, so I might try your advise one weekend.
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>Thanks & 73,
>Ramon VE7RVS
>
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>
>
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>Ramon,
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for both power and signal. I used CAT-5 cable which has 8 conductors in
four twisted pairs. Each pair consists of a solid color insulation and a
striped insulation, i.e., green paired with green-white. I connected all
of the striped wires to ground. Two of the remaining solid color wires
went to power, and the remaining two wires each went to a control
signal. This makes sure the twisted wire pairs are properly
utilized. I used the diagram in the manual to make sure I had the wires
hooked up correctly since the connectors are different at each end. This
method gave me proper wire pairing for the control signals which are normal
logic levels and can easily be corrupted with ground-loop noise.
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>2. RFI: Once I had a good control cable,
I added a ferrite suppressor to choke RF currents. Specifically, I used
an FT-240-31 toroid core, and wound 8 turns of the CAT-5 cable on it.
You could use split bead ferrites, but you should install several. Since
I have read accounts, and experienced for myself, RFI in LDG tuners, I also
installed ferrite beads on the input and output RF coax, which amounts to
current baluns. This may be overkill, but it works for me.
>
>73,
>Avery, WB4RTP
>
>
>No virus found in this message.
>Checked by AVG - www.avg.com
>Version: 2014.0.4592 / Virus
Database: 3986/7743 - Release Date: 06/25/14

6849. Re: [LDG-auto-tuners] Re: Effect of Extending Cable on IT-100 on SWR

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-06-26 19:32:04 UTC
From: Steen Rudberg
Topic: 6835 Message: 6849

Hi Ramon

That is propperly the answer to your question.

You changed some thing in the set up and reconnected it all.

When you reconnect ths "chance" of doing it 100% the same way are 50/50 unless you use a torque wrench.
Also bending coax cables changes things.

Vy 73 de
5p0o, Steen

----- Original Message -----
From: Ramon ve7rvs@... [LDG-auto-tuners]
To: LDG-auto-tuners@yahoogroups.com
Sent: Thursday, June 26, 2014 5:18 PM
Subject: Re: [LDG-auto-tuners] Re: Effect of Extending Cable on IT-100 on SWR

Steen,

Yes I did both.

73 Ramon ve7rvs

On Thursday, June 26, 2014 4:07:34 AM, "'Steen Rudberg' steen.rudberg@...
[LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:

☐

Hi Ramon

Did you reconnect your coax or change position of any of tuner/coax's?

Vy 73 de
5p0o, Steen

----- Original Message -----

From: Ramon ve7rvs@... [LDG-auto-tuners]
To: LDG-auto-tuners@yahoogroups.com
Sent: Wednesday, June 25, 2014 6:23 PM
Subject: Re: [LDG-auto-tuners] Re: Effect of Extending Cable on IT-100 on SWR

Hi Avery,

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The original LDG cable was foil shielded with a bare ground wire in it and so was concerned about the exposed portion of my hookup wires (#18) extension. Very crude but what I did was wrapped my extension with a couple of layers of aluminum foil, overlapping the ground wire, and wrapped the length with electric tape, paying particular attention so that the end that overlaps is tight and put a couple of small cable ties in this area. There was some improvement on my SWR, but still not the same as before, so I might try your advise one weekend.

Thanks & 73,
Ramon VE7RVS

On Tuesday, June 24, 2014 10:56:48 PM, "wb4rtp@mindspring.com [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:

Ramon,
When I first tried to extend the control cable for my KT-100, it didn't work. I had two issues to address before I got it working:

1. Signal integrity: The KT-100 has two control signals plus power and "ground", which is the return for both power and signal. I used CAT-5 cable which has 8 conductors in four twisted pairs. Each pair consists of a solid color insulation and a striped insulation, i.e., green paired with green-white. I connected all of the striped wires to ground. Two of the remaining solid color wires went to power, and the remaining two wires each went to a control signal. This makes sure the twisted wire pairs are properly utilized. I used the diagram in the manual to make sure I had the wires hooked up correctly since the connectors are different at each end. This method gave me proper wire pairing for the control signals which are normal logic levels and can easily be corrupted with ground-loop noise.

2. RFI: Once I had a good control cable, I added a ferrite suppressor to choke RF currents. Specifically, I used an FT-240-31 toroid core, and wound 8 turns of the CAT-5 cable on it. You could use split bead ferrites, but you should install several. Since I have read accounts, and experienced for myself, RFI in LDG tuners, I also installed ferrite beads on the input and output RF coax, which amounts to current baluns. This may be overkill, but it works for me.

73,
Avery, WB4RTP

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4592 / Virus Database: 3986/7743 - Release Date: 06/25/14

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4592 / Virus Database: 3986/7749 - Release Date: 06/26/14

6850. Re: [LDG-auto-tuners] Re: Effect of Extending Cable on IT-100 on SWR

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-06-26 19:59:31 UTC
From: Charles Scott
Topic: 6835 Message: 6850

And...

If the transmission line is not fully "decoupled" from the antenna, or the transmission line is in the near-field of the antenna and there's no effort to limit coupling into the outer shield of the transmission line, the line and anything connected to it becomes to some extent a part of the antenna. If that's the case and there's changes to things connected to the transmission line, even power connections to a tuner, those changes will unavoidably have some effect on the antenna "system" behavior, including possibly slight (or perhaps worse) changes in SWR.

Do you know where your antenna is? Or more correctly, what your antenna is?

Chuck - N8DNX

On 6/26/2014 3:32 PM, 'Steen Rudberg' steen.rudberg@...
[LDG-auto-tuners] wrote:
> □
>
> Hi Ramon
> That is propperly the answer to your question.
> You changed some thing in the set up and reconnected it all.
> When you reconnect ths "chance" of doing it 100% the same way are
> 50/50 unless you use a torque wrench.
> Also bending coax cables changes things.
> Vy 73 de
> 5p0o, Steen

6851. Re: [LDG-auto-tuners] Re: Effect of Extending Cable on IT-100 on SWR

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-06-27 04:07:41 UTC
From: Ramon
Topic: 6835 Message: 6851

Thanks Steen, I guess I was expecting too much from my station and my work on it.

73,
Ramon
VE7RVS

On Thursday, June 26, 2014 12:59:47 PM, "Charles Scott cscott@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:

And...

If the transmission line is not fully "decoupled" from the antenna, or the transmission line is in the near-field of the antenna and there's no effort to limit coupling into the outer shield of the transmission line, the line and anything connected to it becomes to some extent a part of the antenna. If that's the case and there's changes to things connected to the transmission line, even power connections to a tuner, those changes will unavoidably have some effect on the antenna "system" behavior, including possibly slight (or perhaps worse) changes in SWR.

Do you know where your antenna is? Or more correctly, what your antenna is?

Chuck - N8DNX

On 6/26/2014 3:32 PM, 'Steen Rudberg' steen.rudberg@... [LDG-auto-tuners] wrote:

☐
>Hi Ramon
>
>That is propperly the answer to your question.
>
>You changed some thing in the set up and reconnected it all.
>
>When you reconnect ths "chance" of doing it 100% the same way are 50/50 unless you use a torque wrench.
>Also bending coax cables changes things.
>
>Vy 73 de
>5p0o, Steen
>

6852. Kenwood TS-480SAT and LDG AT-1000 Pro II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-07-01 19:05:40 UTC
From: allister_mclane@...
Topic: 6852 Message: 6852

Hi,

maybe a stupid question.

Can I use the Kenwood TS-480SAT with the AT-1000 Pro II ?
I didn't find any cable for the radio to the tuner (like ICOM or YAESU). Is there no cable available for Kenwood ?

This would mean that I have to start a tuning cycle by pressing the Tune-buttom at the tuner or due to an over-SWR condition situation. Am I right or is there a mistake in my thinking ?

Many thanks for your assistance.

Rolf DO1ZZ

6853. Re: YT-450 on FTDX-3000

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-07-02 06:49:04 UTC
From: michael@...
Topic: 6842 Message: 6853

Thanks for the info Dwayne. Looks like an opening for a rig-specific tuner for the FTDX1200/FTDX3000.

73

Mike
M0SAZ

6854. Re: Kenwood TS-480SAT and LDG AT-1000 Pro II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-07-03 21:58:14 UTC
From: af6sa.radio@...
Topic: 6852 Message: 6854

Hi Rolf,

Check that interface at:
AF6SA Projects http://af6sa.com/projects/UTI.html

http://af6sa.com/projects/UTI.html

AF6SA Projects http://af6sa.com/projects/UTI.html AF6SA Amateur Radio Station Web Site

View on af6sa.com http://af6sa.com/projects/UTI.html
Preview by Yahoo

73 de Stefan /AF6SA

6855. Re: [LDG-auto-tuners] Digest Number 2270

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-07-04 17:35:19 UTC
From: Allister McLane
Topic: 6855 Message: 6855

Many thanks Stefan. To make it easy for me. Does your interface work like the cable for example between ICOM IC7000 and AT1000proII,
means pressing the tune buttom at the radio and the tuner starts with tuning ?

73 de Rolf DO1ZZ

"LDG-auto-tuners@yahoogroups.com" <LDG-auto-tuners@yahoogroups.com> schrieb am 9:57 Freitag, 4.Juli 2014:

LDG Auto Antenna Tuners & Accessories

LDG Auto Antenna Tuners & Accessories Group
1 Message
Digest #2270

1a
Re: Kenwood TS-480SAT and LDG AT-1000 Pro II by stefan_n63
Message
1a
Re: Kenwood TS-480SAT and LDG AT-1000 Pro II
Thu Jul 3, 2014 2:58 pm (PDT) . Posted by:
stefan_n63
Hi Rolf,

Check that interface at:
AF6SA Projects http://af6sa.com/projects/UTI.html

http://af6sa.com/projects/UTI.html

AF6SA Projects http://af6sa.com/projects/UTI.html AF6SA Amateur Radio Station Web Site

View on af6sa.com http://af6sa.com/projects/UTI.html
Preview by Yahoo

73 de Stefan /AF6SA
Reply to sender . Reply to group . Reply via Web Post . All Messages (2) . Top ^
Visit Your Group * New Members 3

• Privacy • Unsubscribe • Terms of Use

6856. Re: Kenwood TS-480SAT and LDG AT-1000 Pro II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-07-04 19:15:01 UTC
From: allister_mclane@...
Topic: 6852 Message: 6856

Many thanks Stefan. To make it easy for me. Does your interface work like the cable for example between ICOM IC7000 and AT1000proII,
means pressing the tune buttom at the radio and the tuner starts with tuning ?

73 de Rolf DO1ZZ

6857. Re: Kenwood TS-480SAT and LDG AT-1000 Pro II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-07-05 07:45:10 UTC
From: wb4rtp@...
Topic: 6852 Message: 6857

Rolf,
If you want to use the tune button on the radio control panel, I would recommend the LDG model KT-100. I use a KT-100 with my TS-480SAT and it works great in my mobile installation. I have photos with details in the comments in the photo area of this group. I have a friend who uses a KT-100 with an Icom, but he has to manually press the tune button on the KT-100 and manually set the Icom to low-power CW to get the antenna tuned. You would need to do something similar with the AT-1000 when using it with the TS-480SAT. I think the AT-1000 is overkill for a 100W ratio like the TS-480SAT unless you are planning on adding a linear amplifier to your station.
Hope this helps!
73,
Avery, WB4RTP

6858. Re: Kenwood TS-480SAT and LDG AT-1000 Pro II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-07-05 17:42:48 UTC
From: allister_mclane@...
Topic: 6852 Message: 6858

Hi Avery,

many thanks for your comment.

I own already the AT1000proII and a linear amplifier for another combo, so it makes no sense to buy for each new transceiver the respective tuner. I agree that is not a pleasure to start the tuning cycle by pressing the tune buttom at the tuner especially you are mobile with the transceiver head in front of the car and the rest (black box, tuner etc) in the back.

Again many thanks for your comment.

6859. Re: Kenwood TS-480SAT and LDG AT-1000 Pro II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-07-06 09:12:06 UTC
From: Stanley Adams
Topic: 6852 Message: 6859

Hey Guys, I think that I asked this already but just to remember. Too many marbles have rolled down the hill.

I have a AT-600 with an IC-751A and am wondering if a 120ft dipole on a balun or even no balun should work well on all bands. If I remember the tuner will shut down if it sees more than a 3 or 10:1 SWR.

So what is a good size for a dipole???

Stan
W4SBA
Memphis/Tulsa

6860. Re: Kenwood TS-480SAT and LDG AT-1000 Pro II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-07-07 11:54:17 UTC
From: larrylb@...
Topic: 6852 Message: 6860

Not sure about the 1000 but the 200 proII I have has memories if it has used a frequency before it remembers it and if you transmit
near a stored frequency memory it automatically tunes.
at least I think it does, I'm old and so is my memory :)

6861. Z11ProII issue

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-07-07 19:27:49 UTC
From: Tom Chesek
Topic: 6861 Message: 6861

Has anyone else experienced this tuner tuning when in the Bypass mode? (I am aware of the lockup issue when using VHF) When I've used this tuner in the past it was in a base station configuration and I never tried Bypass until now and my difficulty is when selecting Bypass mode the lights flash 3 times as they should but it still goes through a tune cycle when I transmit. I am using it with my FT-857D and when I monitor the SWR the tuner is definitely tuning in Bypass because you can see the SWR drop while transmitting as well as hear the relay chatter along with lights flashing. Therefore my observation is that although the lights indicate that I am putting the tuner in or out of Bypass mode it is always functioning as if it were not bypassed. It does it with and without the interface cable connected from the radio to the tuner. Am I missing something here?

Tom K3TVC

6862. Re: [LDG-auto-tuners] Z11ProII issue

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-07-07 20:22:06 UTC
From: Leonard K. Pennock
Topic: 6861 Message: 6862

Did you also put it in Semi-Auto mode? Bypass mode is only until the
SWR is above the threshold unless you go to Semi-Auto mode.

On 07/07/2014 12:27 PM, 'Tom Chesek' tchesek@... [LDG-auto-tuners]
wrote:
>
>
> Has anyone else experienced this tuner tuning when in the Bypass mode?
> (I am aware of the lockup issue when using VHF) When I've used this
> tuner in the past it was in a base station configuration and I never
> tried Bypass until now and my difficulty is when selecting Bypass mode
> the lights flash 3 times as they should but it still goes through a tune
> cycle when I transmit. I am using it with my FT-857D and when I monitor
> the SWR the tuner is definitely tuning in Bypass because you can see the
> SWR drop while transmitting as well as hear the relay chatter along with
> lights flashing. Therefore my observation is that although the lights
> indicate that I am putting the tuner in or out of Bypass mode it is
> always functioning as if it were not bypassed. It does it with and
> without the interface cable connected from the radio to the tuner. Am I
> missing something here?
> Tom K3TVC
>
>
>

--
Leonard K. Pennock
AD7AS

Those who walk bravely through life, unafraid of loss or failure,
find that they very rarely lose or fail.

6863. Re: [LDG-auto-tuners] Z11ProII issue

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-07-07 20:47:04 UTC
From: Tom Chesek
Topic: 6861 Message: 6863

Hi Leonard,

That does seem to make the difference although I skimmed the manual again and don't see that in specific wording. I do see "The tuner may also be placed in "bypass" mode where it is electrically removed from the antenna system." To me if it is bypassed it is bypassed, not with caveats. Either way if this is how it is supposed to work I am satisfied. Thanks for your observation and taking the time to reply.

Tom K3TVC

From: mailto:LDG-auto-tuners@yahoogroups.com
Sent: Monday, July 07, 2014 16:22
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] Z11ProII issue

Did you also put it in Semi-Auto mode? Bypass mode is only until the
SWR is above the threshold unless you go to Semi-Auto mode.

6864. Re: [LDG-auto-tuners] Z11ProII issue

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-07-08 03:28:16 UTC
From: Leonard K. Pennock
Topic: 6861 Message: 6864

This is the way all the LDG tuners work. The idea behind bypass is where you have tuned well off the tune (such as band switch) so you are actually getting signal attenuation by the tuner. You can put it in bypass to get some signal strength back. Once you find some place you want to transmit it will tune back up when you start transmitting.

Putting it in Semi just keeps it from trying to tune up when you start transmitting. It also works if you have it locked to a tune. Comes in handy in a mobile where the antenna is moving in the wind and constantly causing the tuner to retune. Find one tune then go semi to keep that tune locked in.

On 07/07/2014 01:47 PM, 'Tom Chesek' tchesek@... [LDG-auto-tuners] wrote:
>
>
> Hi Leonard,
> That does seem to make the difference although I skimmed the manual
> again and don’t see that in specific wording. I do see “The tuner may
> also be placed in “bypass” mode where it is electrically removed from
> the antenna system.” To me if it is bypassed it is bypassed, not with
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> satisfied. Thanks for your observation and taking the time to reply.
> Tom K3TVC
> *From:* mailto:LDG-auto-tuners@yahoogroups.com
> *Sent:* Monday, July 07, 2014 16:22
> *To:* LDG-auto-tuners@yahoogroups.com
> <mailto:LDG-auto-tuners@yahoogroups.com>
> *Subject:* Re: [LDG-auto-tuners] Z11ProII issue
>
> Did you also put it in Semi-Auto mode? Bypass mode is only until the
> SWR is above the threshold unless you go to Semi-Auto mode.
>
>
>
>

--
Leonard K. Pennock
AD7AS

Those who walk bravely through life, unafraid of loss or failure,
find that they very rarely lose or fail.

6865. Re: Kenwood TS-480SAT and LDG AT-1000 Pro II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-07-08 12:11:00 UTC
From: allister_mclane@...
Topic: 6852 Message: 6865

Thanks to all.

"Problem" is solved. The AT1000proII will start tuning if he gets more than 20 watts output or so. The special cable for Icom or Yaesu is only to start the tuning cycle from the transceiver (with reduced output).

Rolf DO1ZZ

6866. LDG 100pro2

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-07-10 15:21:53 UTC
From: andy_peltier@...
Topic: 6866 Message: 6866

Hi all I have a FT-450 and want to put up a 80m g5rv and was wondering if the 100pro2 would be a good match. They say the 200pro2 will tune a 10.1 to 1.1 and don't know what the 100 will do.

73 AJ4LX Andy

6867. Re: LDG 100pro2

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-07-10 16:27:46 UTC
From: Andy Leckart
Topic: 6866 Message: 6867

Why not the YT450?
--
Sent from my Android device with K-9 Mail. Please excuse my brevity.

6868. Re: [LDG-auto-tuners] LDG 100pro2

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-07-10 15:57:13 UTC
From: Jim Allen
Topic: 6866 Message: 6868

The problem you will have with the G5RV is the losses in the feedline, even, or perhaps especially, if a tuner has to match a really high SWR to the transmitter.

I had a standard G5RV up earlier this year, with about 75 or so feet of RG-8X from the tuner in the shack to the feed point of the twin lead matching section. I was perplexed as to why I was receiving few replies on 10M running 5 watts. One of the antenna gurus calculated that the SWR on the feed line between tuner and feed point was something like 60:1, that feed line losses were 12-13 db so that of the 5 watts leaving the transmitter only about .04 watts was making it to the wire to radiate. Some bands were OK but a couple of awful.

If I can suggest, why not run twin lead to the shack and use a balun/tuner there and let the power that heats the feed line get to the antenna to give receivers' AGC a workout?

The dipole with twin lead, matched by a AH-4 remote autotuner in my case, is MUCH better here.

73 de W6OGC Jim Allen

On Thu, Jul 10, 2014 at 10:21 AM, andy_peltier@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:

>

>
> Hi all I have a FT-450 and want to put up a 80m g5rv and was wondering if
> the 100pro2 would be a good match. They say the 200pro2 will tune a 10.1 to
> 1.1 and don't know what the 100 will do.
>
>
> 73 AJ4LX Andy
>
>

>

6869. Re: [LDG-auto-tuners] LDG 100pro2

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-07-10 22:39:09 UTC
From: Leonard K. Pennock
Topic: 6866 Message: 6869

Both will tune to 10:1 at will the AT450. I prefer the AT100 or 200 over the AT450 as I can move them to any radio rather than being locked into a FT450/950.

On 07/10/2014 08:21 AM, andy_peltier@... [LDG-auto-tuners] wrote:
>
>
> Hi all I have a FT-450 and want to put up a 80m g5rv and was wondering
> if the 100pro2 would be a good match. They say the 200pro2 will tune a
> 10.1 to 1.1 and don't know what the 100 will do.
>
>
> 73 AJ4LX Andy
>
>
>
>

--
Leonard K. Pennock
AD7AS

Those who walk bravely through life, unafraid of loss or failure,
find that they very rarely lose or fail.

6870. Re: [LDG-auto-tuners] LDG 100pro2

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-07-11 00:28:18 UTC
From: andy peltier
Topic: 6866 Message: 6870

I might go with the 100pro2 as I have a ts-520 also. Thanks all.
73 AJ4LX

On Thursday, July 10, 2014 6:39 PM, "'Leonard K. Pennock' leonardpennock@...
[LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:

Both will tune to 10:1 at will the AT450. I prefer the AT100 or 200 over
the AT450 as I can move them to any radio rather than being locked into
a FT450/950.

On 07/10/2014 08:21 AM, andy_peltier@... [LDG-auto-tuners] wrote:
>
>
> Hi all I have a FT-450 and want to put up a 80m g5rv and was wondering
> if the 100pro2 would be a good match. They say the 200pro2 will tune a
> 10.1 to 1.1 and don't know what the 100 will do.
>
>
> 73 AJ4LX Andy
>
>
>
>

--
Leonard K. Pennock
AD7AS

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6871. LDG AT 1000PROII

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-07-17 14:55:22 UTC
From: virgilallmond@...
Topic: 6871 Message: 6871

I've not been able to tune up on 80 meters with this new out of the box AT 1000PROII. I tried it this morning with a dummy load and it would not tune on 80 meters.

It tunes my antenna and the dummy load on 40, 20, 17 and 10 meters but not 80.

6872. Re: [LDG-auto-tuners] LDG AT 1000PROII

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-07-17 16:58:42 UTC
From: Bill Aycock
Topic: 6871 Message: 6872

How do you know that it is not tuning to the dummy load on 80? What SWR does your rig say?
Bill—W4BSG

From: mailto:LDG-auto-tuners@yahoogroups.com
Sent: Thursday, July 17, 2014 9:55 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] LDG AT 1000PROII

I've not been able to tune up on 80 meters with this new out of the box AT 1000PROII. I tried it this morning with a dummy load and it would not tune on 80 meters.

It tunes my antenna and the dummy load on 40, 20, 17 and 10 meters but not 80.

6873. Re: [LDG-auto-tuners] LDG AT 1000PROII

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-07-17 16:47:21 UTC
From: Tom Chesek
Topic: 6871 Message: 6873

Since you don’t say if you receive with your antenna I am assuming a basic laboratory situation where you tried to tune an antenna and tune a dummy load but never tried real life to know if any bands actually work. I have had that same model Autotuner tune the 10 meter band with nothing connected so it is possible that with a fault in a coax, connector etc. you could get it to tune on some bands.

Tom K3TVC

From: mailto:LDG-auto-tuners@yahoogroups.com
Sent: Thursday, July 17, 2014 10:55
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] LDG AT 1000PROII

I've not been able to tune up on 80 meters with this new out of the box AT 1000PROII. I tried it this morning with a dummy load and it would not tune on 80 meters.

It tunes my antenna and the dummy load on 40, 20, 17 and 10 meters but not 80.

Posted by: virgilallmond@...

Reply via web post • Reply to sender • Reply to group • Start a New Topic • Messages in this topic (1)

6874. Re: [LDG-auto-tuners] LDG AT 1000PROII

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-07-17 19:39:52 UTC
From: VE6LB
Topic: 6871 Message: 6874

My 1000ProII tunes my 43’ vertical fine. Tuner in the shack and a 4:1 balun at the antenna on about 75’ of RG-213.

73,
Gerry VE6LB/VA6XDX #1 HR
DXCC, VUCC, WAS Card Checker-Southern Alberta
VE/VA6 QSL Bureau Team
(403) 251-0384
ve6lb@...
http://www.qsl.net/ve6lb/

From: mailto:LDG-auto-tuners@yahoogroups.com
Sent: Thursday, July 17, 2014 10:47
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] LDG AT 1000PROII

Since you don’t say if you receive with your antenna I am assuming a basic laboratory situation where you tried to tune an antenna and tune a dummy load but never tried real life to know if any bands actually work. I have had that same model Autotuner tune the 10 meter band with nothing connected so it is possible that with a fault in a coax, connector etc. you could get it to tune on some bands.

Tom K3TVC

From: mailto:LDG-auto-tuners@yahoogroups.com
Sent: Thursday, July 17, 2014 10:55
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] LDG AT 1000PROII

I've not been able to tune up on 80 meters with this new out of the box AT 1000PROII. I tried it this morning with a dummy load and it would not tune on 80 meters.

It tunes my antenna and the dummy load on 40, 20, 17 and 10 meters but not 80.

Posted by: virgilallmond@...

Reply via web post • Reply to sender • Reply to group • Start a New Topic • Messages in this topic (1)

6876. Re: LDG 1000PROII Interface cable

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-07-21 14:10:55 UTC
From: berkshire.tr@...
Topic: 6876 Message: 6876

Sorry I meant found one for the amplifier port. But I need one for the tuner port.

6877. Re: [LDG-auto-tuners] Re: LDG 1000PROII Interface cable

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-07-21 15:15:15 UTC
From: Leonard K. Pennock
Topic: 6876 Message: 6877

Are you trying to just set it up so the tuner can kick the radio in to transmit in order to tune? If so why don't you just use Diodes to do a logic OR of the TX_REQ line so either the tuner of the amp can assert TX_REQ?

Leonard K. Pennock
AD7AS

Those who walk bravely through life, unafraid of loss or failure,
find that they very rarely lose or fail.

On 07/21/2014 07:10 AM, berkshire.tr@... [LDG-auto-tuners] wrote:
>
>
> Sorry I meant found one for the amplifier port. But I need one for the
> tuner port.
>
>

6878. Re: [LDG-auto-tuners] Re: LDG 1000PROII Interface cable

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-07-21 20:06:40 UTC
From: <berkshire.tr@...>
Topic: 6876 Message: 6878

No. I’m trying to set the radio up, when I push the tune button on the radio it sets the radio to cw at min power, then sets the LDG tuner to tune when the tuner is finished it returns the radio to receive.

From: mailto:LDG-auto-tuners@yahoogroups.com
Sent: Monday, July 21, 2014 11:15 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] Re: LDG 1000PROII Interface cable

Are you trying to just set it up so the tuner can kick the radio in to
transmit in order to tune? If so why don't you just use Diodes to do a
logic OR of the TX_REQ line so either the tuner of the amp can assert
TX_REQ?

Leonard K. Pennock
AD7AS

Those who walk bravely through life, unafraid of loss or failure,
find that they very rarely lose or fail.

On 07/21/2014 07:10 AM, berkshire.tr@... [LDG-auto-tuners] wrote:
>
>
> Sorry I meant found one for the amplifier port. But I need one for the
> tuner port.
>
>

6879. Re: [LDG-auto-tuners] Re: LDG 1000PROII Interface cable

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-07-22 03:18:06 UTC
From: Brian Denley
Topic: 6876 Message: 6879

I have the AT-600 proII and as far as I can tell, LDG doesn't support program cables for the 450, 950 (except for the YT-450) or the new FT-1200 and 3000, only older Yaesu xcvrs. It's too bad. I had the YT-450 and it was a pleasure to have it talk to the xcvr and change modes for tuning. Maybe LDG will eventually get the hint and support the new Yaesu models

Brian KB1VBF

Sent from my iPad

> On Jul 21, 2014, at 4:06 PM, "berkshire.tr@gmail.com [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:
>
> No. I’m trying to set the radio up, when I push the tune button on the radio it sets the radio to cw at min power, then sets the LDG tuner to tune when the tuner is finished it returns the radio to receive.
>
> From: mailto:LDG-auto-tuners@yahoogroups.com
> Sent: Monday, July 21, 2014 11:15 AM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: Re: [LDG-auto-tuners] Re: LDG 1000PROII Interface cable
>
>
> Are you trying to just set it up so the tuner can kick the radio in to
> transmit in order to tune? If so why don't you just use Diodes to do a
> logic OR of the TX_REQ line so either the tuner of the amp can assert
> TX_REQ?
>
> Leonard K. Pennock
> AD7AS
>
> Those who walk bravely through life, unafraid of loss or failure,
> find that they very rarely lose or fail.
>
> On 07/21/2014 07:10 AM, berkshire.tr@... [LDG-auto-tuners] wrote:
> >
> >
> > Sorry I meant found one for the amplifier port. But I need one for the
> > tuner port.
> >
> >
>
>

6880. Re: [LDG-auto-tuners] Re: LDG 1000PROII Interface cable

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-07-22 03:29:55 UTC
From: Brian Denley
Topic: 6876 Message: 6880

There IS a cable available from Yaesu for the FT-2000. Any chance the connector is the same for the FT-1200 or FT-3000.

Brian KB1VBF

Sent from my iPad

> On Jul 21, 2014, at 11:18 PM, "Brian Denley b.denley@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:
>
> I have the AT-600 proII and as far as I can tell, LDG doesn't support program cables for the 450, 950 (except for the YT-450) or the new FT-1200 and 3000, only older Yaesu xcvrs. It's too bad. I had the YT-450 and it was a pleasure to have it talk to the xcvr and change modes for tuning. Maybe LDG will eventually get the hint and support the new Yaesu models
>
> Brian KB1VBF
>
> Sent from my iPad
>
>> On Jul 21, 2014, at 4:06 PM, "berkshire.tr@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:
>>
>>
>> No. I’m trying to set the radio up, when I push the tune button on the radio it sets the radio to cw at min power, then sets the LDG tuner to tune when the tuner is finished it returns the radio to receive.
>>
>> From: mailto:LDG-auto-tuners@yahoogroups.com
>> Sent: Monday, July 21, 2014 11:15 AM
>> To: LDG-auto-tuners@yahoogroups.com
>> Subject: Re: [LDG-auto-tuners] Re: LDG 1000PROII Interface cable
>>
>>
>> Are you trying to just set it up so the tuner can kick the radio in to
>> transmit in order to tune? If so why don't you just use Diodes to do a
>> logic OR of the TX_REQ line so either the tuner of the amp can assert
>> TX_REQ?
>>
>> Leonard K. Pennock
>> AD7AS
>>
>> Those who walk bravely through life, unafraid of loss or failure,
>> find that they very rarely lose or fail.
>>
>> On 07/21/2014 07:10 AM, berkshire.tr@... [LDG-auto-tuners] wrote:
>> >

>> >
>> > Sorry I meant found one for the amplifier port. But I need one for the
>> > tuner port.
>> >
>> >
>
>

6881. Re: [LDG-auto-tuners] Re: LDG 1000PROII Interface cable

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-07-22 11:51:55 UTC
From: Jimmy (WB8NBI)
Topic: 6876 Message: 6881

The cable for the FT-2000 only works when you push the tune button on the tuner not the button on the radio. I used a LDG AT-600Pro for a year or so with the FT-2000.

DE Jimmy (WB8NBI)

From: mailto:LDG-auto-tuners@yahoogroups.com
Sent: Monday, July 21, 2014 11:29 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] Re: LDG 1000PROII Interface cable

There IS a cable available from Yaesu for the FT-2000. Any chance the connector is the same for the FT-1200 or FT-3000.

Brian KB1VBF

6882. AT-100ProII and BYPASS mode

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-07-28 15:07:10 UTC
From: alex@...
Topic: 6882 Message: 6882

My AT-100ProII will not come out of bypass mode until I power cycle the tuner.
Last night no bypass, but this moring the bypass light was on.
Any ideas???
Alex
VA3CKI

6883. Re: [LDG-auto-tuners] AT-100ProII and BYPASS mode

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-07-28 18:50:07 UTC
From: Virgil Allmond
Topic: 6882 Message: 6883

Are you trying to initially tune to a new frequency with your amp in standby or operate?

Virgil Allmond 305-744-3774 Home
>770-617-0581 Cell
>
>
>
>
>
>

On Monday, July 28, 2014 2:37 PM, "alex@... [LDG-auto-tuners]"
<LDG-auto-tuners@yahoogroups.com> wrote:

My AT-100ProII will not come out of bypass mode until I power cycle the tuner.
Last night no bypass, but this moring the bypass light was on.
Any ideas???
Alex
VA3CKI

6884. Re: [LDG-auto-tuners] AT-100ProII and BYPASS mode

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-07-28 19:20:03 UTC
From: Terry Berkshire
Topic: 6882 Message: 6884

Try another ant. Connection.
On Jul 28, 2014 2:58 PM, "Virgil Allmond virgilallmond@...
[LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:

>
>
> Are you trying to initially tune to a new frequency with your amp in
> standby or operate?
>
>
> Virgil Allmond
> 305-744-3774 Home
> 770-617-0581 Cell
>
>
>
>
>
>
>
>
> On Monday, July 28, 2014 2:37 PM, "alex@va3cki.com [LDG-auto-tuners]" <
> LDG-auto-tuners@yahoogroups.com> wrote:
>
>
>
> My AT-100ProII will not come out of bypass mode until I power cycle the
> tuner.
> Last night no bypass, but this moring the bypass light was on.
> Any ideas???
> Alex
> VA3CKI
>
>
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>
>
>

6885. RE: [LDG-auto-tuners] AT-100ProII and BYPASS mode

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-07-29 17:13:29 UTC
From: k4ize-bw
Topic: 6882 Message: 6885

I am sure you know already…, but getting the timing down on the button push interval can be a bit critical. I keep an index card handy with the common sequences written down – otherwise, I forget between operating periods. 73,

Bill – K4IZE

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com]
Sent: Monday, July 28, 2014 11:07 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] AT-100ProII and BYPASS mode

My AT-100ProII will not come out of bypass mode until I power cycle the tuner.

Last night no bypass, but this moring the bypass light was on.

Any ideas???

Alex

VA3CKI

This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

[Non-text portions of this message have been removed]

6886. Re: AT-100ProII and BYPASS mode

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-07-30 04:17:46 UTC
From: richarde_97@...
Topic: 6882 Message: 6886

If your tuner appears to be stuck in bypass mode, manually add capacitance or inductance and the tuner should come out of bypass for you. I had the same problem with my 100proII.
Good luck and 73,
Rick, N8GGO.

6887. Re: AT-100ProII and BYPASS mode

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-07-30 14:50:48 UTC
From: ldgyahoo@...
Topic: 6882 Message: 6887

Hello everyone,

The tuner can never be "stuck" in bypass. Bypass is not a mode. It's just the settings of the inductors and capacitor at zero. Bypass is one of the settings the tuner checks for best SWR when tuning. So if no inductors or capacitors is the best answer, that's what it will pick.

We would not recommend adding capacitance or inductance, just to get the bypass LED to go out, but you can do that if the LED bothers you.

Dwayne Kincaid
LDG

6888. Re: AT-100ProII and BYPASS mode

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-08-05 05:37:52 UTC
From: richarde_97@...
Topic: 6882 Message: 6888

1. I stated that the tuner might "Appear" to be stuck. To a newer user of this technology; if they momentarily press the "Tune" button, it may "appear" that the tuner is stuck, or locked in the Bypass Mode.

2. If you are having difficulties with the terminology "Bypass MODE", you may want to have the manual for the 100proII rewritten.
Page 2 under " Tuning" mentions "Bypass Mode", as does
page 5 while discussing the " Bypass LED... "When in Bypass Mode".
and page 14 near the bottom discussing "Bypass Mode" with four more mentions of "Bypass Mode".

This forum may better serve those that have paid good money for their new tuners by answering their sincere questions with useful solutions to their problems rather than with criticism.

73 all and Good Luck,
Rick, N8GGO.

6889. Re: AT-100ProII and BYPASS mode

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-08-06 11:30:40 UTC
From: michael@...
Topic: 6882 Message: 6889

Countering that Rick, if the manual had been read in the 1st place, a lot of questions wouldn't need to be raised on here :).

Mike
M0SAZ

---In LDG-auto-tuners@yahoogroups.com, <richarde_97@...> wrote :

1. I stated that the tuner might "Appear" to be stuck. To a newer user of this technology; if they momentarily press the "Tune" button, it may "appear" that the tuner is stuck, or locked in the Bypass Mode.

2. If you are having difficulties with the terminology "Bypass MODE", you may want to have the manual for the 100proII rewritten.
Page 2 under " Tuning" mentions "Bypass Mode", as does
page 5 while discussing the " Bypass LED... "When in Bypass Mode".
and page 14 near the bottom discussing "Bypass Mode" with four more mentions of "Bypass Mode".

This forum may better serve those that have paid good money for their new tuners by answering their sincere questions with useful solutions to their problems rather than with criticism.

73 all and Good Luck,
Rick, N8GGO.

6890. Re: AT-100ProII and BYPASS mode

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-08-07 12:44:39 UTC
From: alex@...
Topic: 6882 Message: 6890

I keep posting a reply but never see it here.

As I now repeat, The tuner was connected to a dummy load, thus a perfect match. LDG indicated that the tuner will automatically go into "bypass mode" if it sees a perfect match and stay that way until the match goes away from 1:1.
I didn't see anything in the manual that indicates the above condition so I thought there was a defect since I could not toggle the bypass mode.
The tuner is working perfectly.

Alex
VA3CKI/VE3AWS

6891. Re: [LDG-auto-tuners] Re: AT-100ProII and BYPASS mode

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-08-07 14:06:08 UTC
From: Don Sanders
Topic: 6882 Message: 6891

I do a lot of SWLing and I set my LDG 100 PRO to 1:1 match in to a dummy load which sets it to bypass. Then DO NOT Transmit. The antenna will be directly connected to RX. I can then listen 540 Khz to 30 Mhz without a problem.
I do wish The bypass would stay active until needed to deactivate. It is sometimes inconvient for the tuner to start tuning when I have it set in bypass. Overall I like the LDG 100Pro. It gives a match when I think it is perhaps impossible. Makes operation across the whole of 80, 40 and 20 with the fan dipole and 80 to 10 with the 88 ft inverted "L".

Don HC4/W4BWS

On Thu, Aug 7, 2014 at 7:44 AM, alex@... [LDG-auto-tuners] <
LDG-auto-tuners@yahoogroups.com> wrote:

>
>
> I keep posting a reply but never see it here.
>
> As I now repeat, The tuner was connected to a dummy load, thus a perfect
> match. LDG indicated that the tuner will automatically go into "bypass
> mode" if it sees a perfect match and stay that way until the match goes
> away from 1:1.
> I didn't see anything in the manual that indicates the above condition so
> I thought there was a defect since I could not toggle the bypass mode.
> The tuner is working perfectly.
>
> Alex
> VA3CKI/VE3AWS
>
>

--
Dr. Don W4BWS

6892. Re: [LDG-auto-tuners] Re: AT-100ProII and BYPASS mode

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-08-07 14:17:52 UTC
From: Leonard K. Pennock
Topic: 6882 Message: 6892

Just set it to semi mode (Func Auto toggles) Then when you want it to tune give a 1 second push of the tune button and it will start tuning when you transmit.

Leonard K. Pennock
AD7AS

Those who walk bravely through life, unafraid of loss or failure, find that they very rarely lose or fail.

On 08/07/2014 07:06 AM, Don Sanders w4bws1@... [LDG-auto-tuners] wrote:
>
>
> I do a lot of SWLing and I set my LDG 100 PRO to 1:1 match in to a dummy
> load which sets it to bypass. Then DO NOT Transmit. The antenna will be
> directly connected to RX. I can then listen 540 Khz to 30 Mhz without a
> problem.
> I do wish The bypass would stay active until needed to deactivate. It is
> sometimes inconvient for the tuner to start tuning when I have it set in
> bypass. Overall I like the LDG 100Pro. It gives a match when I think it
> is perhaps impossible. Makes operation across the whole of 80, 40 and 20
> with the fan dipole and 80 to 10 with the 88 ft inverted "L".
>
> Don HC4/W4BWS
>
>
> On Thu, Aug 7, 2014 at 7:44 AM, alex@... <mailto:alex@...>
> [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com
> <mailto:LDG-auto-tuners@yahoogroups.com>> wrote:
>
> --
>
> I keep posting a reply but never see it here.
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> As I now repeat, The tuner was connected to a dummy load, thus a
> perfect match. LDG indicated that the tuner will automatically go
> into "bypass mode" if it sees a perfect match and stay that way
> until the match goes away from 1:1.
> I didn't see anything in the manual that indicates the above
> condition so I thought there was a defect since I could not toggle
> the bypass mode.
> The tuner is working perfectly.
>
> Alex
> VA3CKI/VE3AWS

>
>
>
>
> --
> Dr. Don W4BWS
>
>
>

6893. Vaction time at LDG

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-08-08 15:44:21 UTC
From: ldgyahoo@...
Topic: 6893 Message: 6893

Hello All,

Many of our personnel will be on vacation next week (Aug 11-15). So there will be limited tech and shipping support. We should be back to full strength the week of Aug 20.

Thanks,

Dwayne Kincaid
LDG

6894. RE: [LDG-auto-tuners] Vaction time at LDG

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-08-08 22:30:15 UTC
From: w1jwn
Topic: 6893 Message: 6894

Thanks, John W1JWN Sent from my Ham Radio smartphone W1JWN
-------- Original message --------
From: "ldgyahoo@ldgelectronics.com [LDG-auto-tuners]"
Date:08/08/2014 11:44 (GMT-05:00)
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Vaction time at LDG

Hello All, Many of our personnel will be on vacation next week (Aug 11-15). So there will be limited tech and shipping support. We should be back to full strength the week of Aug 20. Thanks, Dwayne Kincaid LDG

6895. Trouble with YT-450 Tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-08-15 05:33:39 UTC
From: nf.mayes@...
Topic: 6895 Message: 6895

I have a Yaesu FT-950 and an LDG YT-450 married up. About a month ago, the control from the PC and Ham Radio Deluxe Quit working, and of course the YT-450 quit working.

My first troubleshooting step was to unplug the serial cable from the tuner and plug it in to the FT-950 directly, and the control was restored. I e-mailed LDG, they said send it in, and I got it back with a note saying that it worked fine and they could find no problem with it. They suggested I try another cable.

So, I tried another cable, tried another serial port, tried another PC, used a USB to Serial adapter and I monitored the performance with a Serial Tester - an inline device with 9 LEDs to indicate the state of each of the 9 serial control lines.

In each instance, connecting directly to the Rig made the serial tester light up like a Christmas Tree. In each case, when I transferred the cable to the Tuner, 4 of the LED's went dark.

So, I believe that the Tuner is not working correctly. I am told by LDG that it is working correctly.

To recap, if the serial cable from the PC is plugged into the Rig, Serial control works. If the serial cable is plugged into the Tuner with a pass through to the Rig, serial control is lost.

What am I missing or not thinking of?

Neil K7IPP

6896. Re: [LDG-auto-tuners] Trouble with YT-450 Tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-08-15 12:05:51 UTC
From: Jimmy (WB8NBI)
Topic: 6895 Message: 6896

Make sure the CAT rate is set to 38,400 in the radio per page 3 of YT-450 manual. Also in HRD.
DE Jimmy (WB8NBI)

From: mailto:LDG-auto-tuners@yahoogroups.com
Sent: Friday, August 15, 2014 1:33 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Trouble with YT-450 Tuner

I have a Yaesu FT-950 and an LDG YT-450 married up. About a month ago, the control from the PC and Ham Radio Deluxe Quit working, and of course the YT-450 quit working.

My first troubleshooting step was to unplug the serial cable from the tuner and plug it in to the FT-950 directly, and the control was restored. I e-mailed LDG, they said send it in, and I got it back with a note saying that it worked fine and they could find no problem with it. They suggested I try another cable.

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What am I missing or not thinking of?

Neil K7IPP

6897. RE: [LDG-auto-tuners] Trouble with YT-450 Tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-08-15 15:30:51 UTC
From: Neil Mayes
Topic: 6895 Message: 6897

It was working, then quit. No changes were made to the cabling, equipment, software, etc. I double checked the three menu items that need to be set on the FT-950. They are all as per spec.

The FT-950 is working correctly with the serial cable from the PC going directly to the FT-950. If I try running the serial cable to the YT-40 and then on to the FT-950, the serial control quits.

My years of experience tell me that the Tuner is at fault, but the factory is saying that it works fine, but they don't have a Yaesu FT-950 to test it with. If that is true, why does the serial control die when it is plugged into the Tuner?

73's, Neil K7IPP

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com]
Sent: Friday, August 15, 2014 5:06 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] Trouble with YT-450 Tuner

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DE Jimmy (WB8NBI)

From: mailto:LDG-auto-tuners@yahoogroups.com

Sent: Friday, August 15, 2014 1:33 AM

To: LDG-auto-tuners@yahoogroups.com

Subject: [LDG-auto-tuners] Trouble with YT-450 Tuner

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My first troubleshooting step was to unplug the serial cable from the tuner and plug it in to the FT-950 directly, and the control was restored. I e-mailed LDG, they said send it in, and I got it back with a note saying that it worked fine and they could find no problem with it. They suggested I try another cable.

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To recap, if the serial cable from the PC is plugged into the Rig, Serial control works. If the serial cable is plugged into the Tuner with a pass through to the Rig, serial control is lost.

What am I missing or not thinking of?

Neil K7IPP

6898. Tuning the YT-100 on 60 meters

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-08-15 18:44:24 UTC
From: hdcoley2@...
Topic: 6898 Message: 6898

If you have not yet discovered a workaround for being able to initiate a tuning procedure of the YT-100 on the pre-programmed 60 meter channels of the FT-857D/FT-897D, the easiest method I found was using the key line on the ACC jack. I have read suggestions of using the CW key line, but that can be a little more involved if you need to switch from electronic keying in order to transmit a CW signal for tuning. And if you intend to operate USB, then it involves switching modes and maybe keying methods as well. This way you can leave settings as they are as the radio will always transmit a CW signal when the ACC key line is closed regardless of mode or other settings.

By closing a connection between the ring and sleeve contacts of the ACC jack, the radio transmits a CW carrier for the duration the contacts are shorted. I fashioned an external momentary switch wired to a 3.5 mm stereo plug connected to the sleeve and ring. The tip is not connected as it is the ALC line. The switch I use is a surface mount tactile momentary switch which can be double sided taped somewhere on the case of the YT-100 and plug the short cable from it into the ACC jack.

Initiate a tuning cycle, and then immediately press and hold the momentary switch and the radio transmits a CW signal for the tuning cycle to complete. As soon as the tuning completes, just release the switch.

Of course power is not reduced, so you may wish to temporarily drop power down while tuning which is what I do, and of course it will usually only be necessary to tune on one unused channel in order to operate on the desired channel.

I personally prefer not to have the MARS/CAP mod on my FT-857D as a workaround.

73, K4FLB

6899. Re: [LDG-auto-tuners] Trouble with YT-450 Tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-08-15 21:41:46 UTC
From: Bill Aycock
Topic: 6895 Message: 6899

Neil--
One of your statements implies that you have two serial cables. Have you made the same Substitution test with both cables? With them reversed (Swapped)?
Bill—W4BSG

From: mailto:LDG-auto-tuners@yahoogroups.com
Sent: Friday, August 15, 2014 10:30 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: RE: [LDG-auto-tuners] Trouble with YT-450 Tuner

It was working, then quit. No changes were made to the cabling, equipment, software, etc. I double checked the three menu items that need to be set on the FT-950. They are all as per spec.

The FT-950 is working correctly with the serial cable from the PC going directly to the FT-950. If I try running the serial cable to the YT-40 and then on to the FT-950, the serial control quits.

My years of experience tell me that the Tuner is at fault, but the factory is saying that it works fine, but they don't have a Yaesu FT-950 to test it with. If that is true, why does the serial control die when it is plugged into the Tuner?

73's, Neil K7IPP

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com]
Sent: Friday, August 15, 2014 5:06 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] Trouble with YT-450 Tuner

Make sure the CAT rate is set to 38,400 in the radio per page 3 of YT-450 manual. Also in HRD.

DE Jimmy (WB8NBI)

From: mailto:LDG-auto-tuners@yahoogroups.com

Sent: Friday, August 15, 2014 1:33 AM

To: LDG-auto-tuners@yahoogroups.com

Subject: [LDG-auto-tuners] Trouble with YT-450 Tuner

I have a Yaesu FT-950 and an LDG YT-450 married up. About a month ago, the control from the PC and Ham Radio Deluxe Quit working, and of course the YT-450 quit working.

My first troubleshooting step was to unplug the serial cable from the tuner and plug it in to the FT-950 directly, and the control was restored. I e-mailed LDG, they said send it in, and I got it back with a note saying that it worked fine and they could find no problem

with it. They suggested I try another cable.

So, I tried another cable, tried another serial port, tried another PC, used a USB to Serial adapter and I monitored the performance with a Serial Tester - an inline device with 9 LEDs to indicate the state of each of the 9 serial control lines.

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What am I missing or not thinking of?

Neil K7IPP

6900. Re: [LDG-auto-tuners] Tuning the YT-100 on 60 meters

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-08-15 21:20:28 UTC
From: Tom Chesek
Topic: 6898 Message: 6900

Regarding power...under the section “Antenna Considerations” on page 12 of my FT-857 manual it indicates that if the SWR is greater than 1.5:1 it will automatically reduce power output therefore using a tuner should not create undesirable consequences.

Tom K3TVC.

From: mailto:LDG-auto-tuners@yahoogroups.com
Sent: Friday, August 15, 2014 14:44
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Tuning the YT-100 on 60 meters

...Of course power is not reduced, so you may wish to temporarily drop power down while tuning which is what I do, and of course it will usually only be necessary to tune on one unused channel in order to operate on the desired channel.

I personally prefer not to have the MARS/CAP mod on my FT-857D as a workaround.

73, K4FLB

6901. RE: [LDG-auto-tuners] Trouble with YT-450 Tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-08-16 00:32:32 UTC
From: Neil Mayes
Topic: 6895 Message: 6901

Bill,

I tried two serial cables, two serial ports, 2 PC's and one USB-to-Serial converter in a matrix. Any and all combinations resulted in the same failure.

Like I said, it was working fine for about two weeks and then quit. Period.

I've learned that the art of troubleshooting a system is to isolate out the "black box" that is failing, by swapping out the other "black boxes", resetting the "resettable" "black boxes" after each swap, whether they be a module or board or cable or whatever. Eventually you will isolate the failed "black box".

Unfortunately, in this case, I did not have another YT-450 to swap out and no easy way of getting one. The Rig rally didn't figure into the equation, because the RS-232 tester was showing that the RS-232 lines were being "perturbed" when connecting to the Tuner, regardless of what was or was not attached to the serial out of the Tuner.

I was a Tech for 10 years and a Degreed Test Engineer for 30 years.

73's, Neil K7IPP

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com]
Sent: Friday, August 15, 2014 2:42 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] Trouble with YT-450 Tuner

Neil--

One of your statements implies that you have two serial cables. Have you made the same Substitution test with both cables? With them reversed (Swapped)?

Bill—W4BSG

From: mailto:LDG-auto-tuners@yahoogroups.com

Sent: Friday, August 15, 2014 10:30 AM

To: LDG-auto-tuners@yahoogroups.com

Subject: RE: [LDG-auto-tuners] Trouble with YT-450 Tuner

It was working, then quit. No changes were made to the cabling, equipment, software, etc. I double checked the three menu items that need to be set on the FT-950. They are all as per spec.

The FT-950 is working correctly with the serial cable from the PC going directly to the FT-950. If I try running the serial cable to the YT-40 and then on to the FT-950, the serial control quits.

My years of experience tell me that the Tuner is at fault, but the factory is saying that it works fine, but they don't have a Yaesu FT-950 to test it with. If that is true, why does the serial control die when it is plugged into the Tuner?

73's, Neil K7IPP

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com]
Sent: Friday, August 15, 2014 5:06 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] Trouble with YT-450 Tuner

Make sure the CAT rate is set to 38,400 in the radio per page 3 of YT-450 manual. Also in HRD.

DE Jimmy (WB8NBI)

From: mailto:LDG-auto-tuners@yahoogroups.com

Sent: Friday, August 15, 2014 1:33 AM

To: LDG-auto-tuners@yahoogroups.com

Subject: [LDG-auto-tuners] Trouble with YT-450 Tuner

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My first troubleshooting step was to unplug the serial cable from the tuner and plug it in to the FT-950 directly, and the control was restored. I e-mailed LDG, they said send it in, and I got it back with a note saying that it worked fine and they could find no problem with it. They suggested I try another cable.

So, I tried another cable, tried another serial port, tried another PC, used a USB to Serial adapter and I monitored the performance with a Serial Tester - an inline device with 9 LEDs to indicate the state of each of the 9 serial control lines.

In each instance, connecting directly to the Rig made the serial tester light up like a Christmas Tree. In each case, when I transferred the cable to the Tuner, 4 of the LED's went dark.

So, I believe that the Tuner is not working correctly. I am told by LDG that it is working correctly.

To recap, if the serial cable from the PC is plugged into the Rig, Serial control works. If the serial cable is plugged into the Tuner with a pass through to the Rig, serial control is lost.

What am I missing or not thinking of?

Neil K7IPP

6902. Re: [LDG-auto-tuners] Trouble with YT-450 Tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-08-16 03:09:41 UTC
From: Bill Aycock
Topic: 6895 Message: 6902

Neil--
Very good. Thanks for the answer. Well done.
Bill—W4BSG

From: mailto:LDG-auto-tuners@yahoogroups.com
Sent: Friday, August 15, 2014 7:32 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: RE: [LDG-auto-tuners] Trouble with YT-450 Tuner

Bill,

I tried two serial cables, two serial ports, 2 PC's and one USB-to-Serial converter in a matrix. Any and all combinations resulted in the same failure.

Like I said, it was working fine for about two weeks and then quit. Period.

I've learned that the art of troubleshooting a system is to isolate out the "black box" that is failing, by swapping out the other "black boxes", resetting the "resettable" "black boxes" after each swap, whether they be a module or board or cable or whatever. Eventually you will isolate the failed "black box".

Unfortunately, in this case, I did not have another YT-450 to swap out and no easy way of getting one. The Rig rally didn't figure into the equation, because the RS-232 tester was showing that the RS-232 lines were being "perturbed" when connecting to the Tuner, regardless of what was or was not attached to the serial out of the Tuner.

I was a Tech for 10 years and a Degreed Test Engineer for 30 years.

73's, Neil K7IPP

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com]
Sent: Friday, August 15, 2014 2:42 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] Trouble with YT-450 Tuner

Neil--

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Bill—W4BSG

From: mailto:LDG-auto-tuners@yahoogroups.com

Sent: Friday, August 15, 2014 10:30 AM

To: LDG-auto-tuners@yahoogroups.com

Subject: RE: [LDG-auto-tuners] Trouble with YT-450 Tuner

It was working, then quit. No changes were made to the cabling, equipment, software, etc. I double checked the three menu items that need to be set on the FT-950. They are all as per spec.

The FT-950 is working correctly with the serial cable from the PC going directly to the FT-950. If I try running the serial cable to the YT-40 and then on to the FT-950, the serial control quits.

My years of experience tell me that the Tuner is at fault, but the factory is saying that it works fine, but they don't have a Yaesu FT-950 to test it with. If that is true, why does the serial control die when it is plugged into the Tuner?

73's, Neil K7IPP

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com]
Sent: Friday, August 15, 2014 5:06 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] Trouble with YT-450 Tuner

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Sent: Friday, August 15, 2014 1:33 AM

To: LDG-auto-tuners@yahoogroups.com

Subject: [LDG-auto-tuners] Trouble with YT-450 Tuner

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To recap, if the serial cable from the PC is plugged into the Rig, Serial control works. If the serial cable is plugged into the Tuner with a pass through to the Rig, serial control is lost.

What am I missing or not thinking of?

Neil K7IPP

6903. Re: [LDG-auto-tuners] Trouble with YT-450 Tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-08-16 03:25:12 UTC
From: Craig
Topic: 6895 Message: 6903

Per your below, do all combinations work without the tuner in line with the serial data and under all circumstances?

To confirm, you said it worked with the tuner in line for how long? Was that also for all combinations as you note below?

73, Craig N4FSC

> On Aug 15, 2014, at 8:32 PM, "'Neil Mayes' nf.mayes@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:
>
>
>
> Bill,
>
> I tried two serial cables, two serial ports, 2 PC's and one USB-to-Serial converter in a matrix. Any and all combinations resulted in the same failure.
>
> Like I said, it was working fine for about two weeks and then quit. Period.
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> I've learned that the art of troubleshooting a system is to isolate out the "black box" that is failing, by swapping out the other "black boxes", resetting the "resettable" "black boxes" after each swap, whether they be a module or board or cable or whatever. Eventually you will isolate the failed "black box".
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> I was a Tech for 10 years and a Degreed Test Engineer for 30 years.
>
> 73's, Neil K7IPP
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> Sent: Friday, August 15, 2014 2:42 PM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: Re: [LDG-auto-tuners] Trouble with YT-450 Tuner
>
>
>
> Neil--
> One of your statements implies that you have two serial cables. Have you made the same Substitution test with both cables? With them reversed (Swapped)?
> Bill—W4BSG
>
> From: mailto:LDG-auto-tuners@yahoogroups.com

> Sent: Friday, August 15, 2014 10:30 AM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: RE: [LDG-auto-tuners] Trouble with YT-450 Tuner
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> It was working, then quit. No changes were made to the cabling, equipment, software, etc. I double checked the three menu items that need to be set on the FT-950. They are all as per spec.
>
> The FT-950 is working correctly with the serial cable from the PC going directly to the FT-950. If I try running the serial cable to the YT-40 and then on to the FT-950, the serial control quits.
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> My years of experience tell me that the Tuner is at fault, but the factory is saying that it works fine, but they don't have a Yaesu FT-950 to test it with. If that is true, why does the serial control die when it is plugged into the Tuner?
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> 73's, Neil K7IPP
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> Sent: Friday, August 15, 2014 5:06 AM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: Re: [LDG-auto-tuners] Trouble with YT-450 Tuner
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> Make sure the CAT rate is set to 38,400 in the radio per page 3 of YT-450 manual. Also in HRD.
> DE Jimmy (WB8NBI)
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> From: mailto:LDG-auto-tuners@yahoogroups.com
> Sent: Friday, August 15, 2014 1:33 AM
> To: LDG-auto-tuners@yahoogroups.com
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> So, I tried another cable, tried another serial port, tried another PC, used a USB to Serial adapter and I monitored the performance with a Serial Tester - an inline device with 9 LEDs to indicate the state of each of the 9 serial control lines.
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> To recap, if the serial cable from the PC is plugged into the Rig, Serial control works. If the serial cable is plugged into the Tuner with a pass through to the Rig, serial control is lost.
>
> What am I missing or not thinking of?
>
> Neil K7IPP
>
>
>
>

6904. RC-100 T-bias controller blown! Fixed with suggestions!

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-08-16 20:06:59 UTC
From: mpupeza@...
Topic: 6904 Message: 6904

While playing radio at a campground in my trailer, I decided to do a A/B comparison between a 12' whip tuned with the RT-100 at the top of a 25' aluminum pole and a 33' horizontal wire fed with a 9:1 Unun at the top of the same pole.
Sure enough, I inadvertently swapped the coaxes and let out all the magic smoke from the RC-100 controller.
My bad!
When I opened it I saw that there were 4 mini SMD inductors marked L4, L5, L6, L7 burned and melted.
Since the RT-100 manual suggests an inductor up to 100 uHy. I decided to use a 108 uHy that I had, BUT not without protection. I installed a fuseholder on the back and a LED on the front above the Status (Power) LED.
Now, if the 1.5Amp fuse blows, the LED should light up if there is the RT-100, or a short, connected.
It seems to work well and I recommend that a fuse be installed in that box. It could happen to YOU!
Mike VE3EQP .....>

6905. Re: [LDG-auto-tuners] Tuning the YT-100 on 60 meters

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-08-17 03:20:45 UTC
From: hdcoley2@...
Topic: 6898 Message: 6905

Good point. Power should be folded back by the radio as you pointed out when the SWR is high, but I did notice it output close to 100 watts much of the time when it is tuning. The YT-100 selects AM mode and I never see the power exceed 30 watts. Since it cannot set AM mode on 60 Meters, the radio stays on CW or USB except it transmits CW only when the ACC contacts are closed. My main concern with reducing power was to avoid causing interference and not trust the radio to fold back power. If the channel is clear I suppose transmitting CW at 100 watts is of no real consequence for interference. My ERP is closer to 65 watts accounting for feed line loss into the dipole I am using, so maybe I am too concerned. Anyway, I was happy with the workaround using the ACC socket solution.

6906. Problem with new YT-450 ATU

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-08-20 20:03:43 UTC
From: lroux@...
Topic: 6906 Message: 6906

Hi all,Just received my new YT-450 and got it connected with my FT-450D as per the instructions, did the 3 changes to the menu in the 450 then went about tuning it on the various bands. Tunes every band as specified EXCEPT when I change to the different bands I have to re-tune it each time... it's not saving the settings as it should..

I need help (in more ways than one as my wife says) :)

Anyone?

Thanks es 73,

Lou Roux - W6UR

6907. Re: [LDG-auto-tuners] Problem with new YT-450 ATU

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-08-21 00:11:49 UTC
From: Brian Denley
Topic: 6906 Message: 6907

The YT-450 doesn't auto tune. It memory tunes, so you have to hit the tune button when you switch frequencies or bands. IF you have tuned at that frequency before it should then set itself in a couple of seconds from memory, instead of of going through the complete tuning cycle. If you haven't tuned at that frequency before, it will go through the complete tuning cycle and then store that info for that frequency so the the next time it can memory tune.

Brian KB1VBF

Sent from my iPad

> On Aug 20, 2014, at 4:03 PM, "lroux@... [LDG-auto-tuners]"
<LDG-auto-tuners@yahoogroups.com> wrote:
>
> Hi all,Just received my new YT-450 and got it connected with my FT-450D as per the instructions, did the 3 changes to the menu in the 450 then went about tuning it on the various bands. Tunes every band as specified EXCEPT when I change to the different bands I have to re-tune it each time... it's not saving the settings as it should..
>
> I need help (in more ways than one as my wife says) :)
>
> Anyone?
>
> Thanks es 73,
>
> Lou Roux - W6UR
>
>
>

6908. YT-100 reset

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-08-22 02:05:25 UTC
From: n1ork@...
Topic: 6908 Message: 6908

How can I reset the YT-100 which I use for my FT-857? It's giving me troubles on 17m. With it connected to my laptop, I get high swr and beeping (rf feedback?). When I disconnect it from the PC (using RT systems 62 USB cable) I can tune 17m ok and have no problems. With the connection to the PC, I can tune all other bands ok.
Thanks for the help,
73
Andy n1ork

6909. Re: [LDG-auto-tuners] YT-100 reset

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-08-22 12:25:41 UTC
From: Jimmy (WB8NBI)
Topic: 6908 Message: 6909

There is no reset option on LDG tuners. Sure sounds like RF to me.

DE Jimmy (WB8NBI)

From: mailto:LDG-auto-tuners@yahoogroups.com
Sent: Thursday, August 21, 2014 10:05 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] YT-100 reset

How can I reset the YT-100 which I use for my FT-857? It's giving me troubles on 17m. With it connected to my laptop, I get high swr and beeping (rf feedback?). When I disconnect it from the PC (using RT systems 62 USB cable) I can tune 17m ok and have no problems. With the connection to the PC, I can tune all other bands ok.

Thanks for the help,

73

Andy n1ork

6910. Re: [LDG-auto-tuners] YT-100 reset

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-08-23 10:52:13 UTC
From: n1ork@...
Topic: 6908 Message: 6910

Thanks for the info Jimmy. I guess I'll have to search for the RF feedback on 17m. I'm using a G5RVjr (40m-10m) and I noticed that after a wind and rain storm a while back the ends of the antenna are touching some branches and leaves. This may be one of my issues, but I think it has to do with the PC/CAT cabling.
73
Andy, n1ork

6911. Comment About Repair

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-08-23 21:43:13 UTC
From: virgilallmond@...
Topic: 6911 Message: 6911

I am KK4VUZ, Virgil.

I bought a new AT1000PROII about a month ago and was tuning an inverted V center fed dipole and "smoked" the tuner. So, I completed the form and sent it back to Maryland.

They have had it since August 13 and I was interested in their progress. When I went to the website I found the following...

DO NOT Call or e-mail to ask about Status or Updates: We will promptly contact you when your repair has been completed. We are unable to provide call-tags for repairs and do not cross ship units.

Is there anyway to get an update on equipment being repaired?

KK4VUZ Virgil

6912. Re: [LDG-auto-tuners] Comment About Repair

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-08-24 01:18:13 UTC
From: Bill Aycock
Topic: 6911 Message: 6912

Virgil-
That is 10 days. They were closed for vacation for more than a week of that time. They did announce the closing, on this list.
Don’t give up. Dwayne and his “People” are probably VERY busy, playing “Catch-up”.
Bill—W4BSG

From: mailto:LDG-auto-tuners@yahoogroups.com
Sent: Saturday, August 23, 2014 4:43 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Comment About Repair

I am KK4VUZ, Virgil.

I bought a new AT1000PROII about a month ago and was tuning an inverted V center fed dipole and "smoked" the tuner. So, I completed the form and sent it back to Maryland.

They have had it since August 13 and I was interested in their progress. When I went to the website I found the following...

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Is there anyway to get an update on equipment being repaired?

KK4VUZ Virgil

6913. Re: [LDG-auto-tuners] Comment About Repair

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-08-24 02:43:51 UTC
From: Brian Denley
Topic: 6911 Message: 6913

LDG is a very difficult company to get info from. I'd also be interested in why/how you can smoke a tuner on a dipole. How much power are you running? How much do you use when tuning?

Brian KB1VBF

Sent from my iPad

> On Aug 23, 2014, at 5:43 PM, "virgilallmond@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:
>
> I am KK4VUZ, Virgil.
>
>
> I bought a new AT1000PROII about a month ago and was tuning an inverted V center fed dipole and "smoked" the tuner. So, I completed the form and sent it back to Maryland.
>
>
>
> They have had it since August 13 and I was interested in their progress. When I went to the website I found the following...
>
>
>
> DO NOT Call or e-mail to ask about Status or Updates: We will promptly contact you when your repair has been completed. We are unable to provide call-tags for repairs and do not cross ship units.
>
>
>
> Is there anyway to get an update on equipment being repaired?
>
>
>
> KK4VUZ Virgil
>
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>

6914. Re: [LDG-auto-tuners] Comment About Repair

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-08-24 11:23:31 UTC
From: Jimmy (WB8NBI)
Topic: 6911 Message: 6914

I was going to ask the same thing.

DE Jimmy (WB8NBI)

From: mailto:LDG-auto-tuners@yahoogroups.com
Sent: Saturday, August 23, 2014 10:43 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] Comment About Repair

LDG is a very difficult company to get info from. I'd also be interested in why/how you can smoke a tuner on a dipole. How much power are you running? How much do you use when tuning?

Brian KB1VBF

Sent from my iPad

On Aug 23, 2014, at 5:43 PM, "virgilallmond@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:

I am KK4VUZ, Virgil.

I bought a new AT1000PROII about a month ago and was tuning an inverted V center fed dipole and "smoked" the tuner. So, I completed the form and sent it back to Maryland.

They have had it since August 13 and I was interested in their progress. When I went to the website I found the following...

DO NOT Call or e-mail to ask about Status or Updates: We will promptly contact you when your repair has been completed. We are unable to provide call-tags for repairs and do not cross ship units.

Is there anyway to get an update on equipment being repaired?

KK4VUZ Virgil

6915. Re: [LDG-auto-tuners] Comment About Repair

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-08-24 20:24:17 UTC
From: ldgyahoo@...
Topic: 6911 Message: 6915

Virgil and all. We used to say repairs take up to 4 to 6 calendar weeks for repair, but that was just too generic and looked like a long time. We rarely ever reached that maximum time frame anyway, but we said that as a catch all. Now we just say it will be done as soon as possible. It's an odd occurrence at LDG that we get more than 7 or 8 units in for repair, so most of them are done in just a week or two.

The number of units sent back is so low that we only have a part time person that goes over the really troubled units a couple of days per week. We have a first level technician that looks at them to see if the problem can be replicated or not and can send the unit back (75% of the time there is no issue) or pass it along to a technician. The tech receives units a couple of batches per week and goes over each unit to make an initial determination if it can be repaired or if it's beyond repair.

Finally, if it can be repaired, the technician will do the repairs in the order that they receive the units. There is no way to tell at this point how long it will take to repair any individual unit. It completely relies on the number of units ahead and the complexity of any units already in the queue.
So you see, there is really no way to individually track down any particular unit while it’s in process. This is why we say we’ll contact you when it’s complete. It could be complete at any one of the several steps. It’s by far, the most efficient system possible give the resources.

Taking the time to set up a tracking system so a few units could be tracked through each step would be extremely inefficient. Obviously we could do it, but it would certainly add a significant amount of time to each unit sent in for repair, whether they we returned with the first few days or it ended up with tech for a detailed checkout.

Everyone gets an e-mail as soon as we are finished. We make that very clear. Asking for some kind of status along the way only delays the entire system.

We’ve been doing this a few years and know that there are more customer oriented systems out there, but none are more efficient and certainly not faster than what we currently have implemented.

I hope this helps in understanding the system.

Dwayne Kincaid
LDG

6916. RE: [LDG-auto-tuners] Comment About Repair

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-08-24 00:48:03 UTC
From: k4ize-bw
Topic: 6911 Message: 6916

Virgil, I “THINK” I saw a posting a few weeks ago that the plant was closing for summer vacations – not sure. Many businesses do this. The backup log would be huge. I hope it all works out for you. 73 Bill – K4IZE

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com] Sent: Saturday, August 23, 2014 5:43 PM To: LDG-auto-tuners@yahoogroups.com Subject: [LDG-auto-tuners] Comment About Repair I am KK4VUZ, Virgil. I bought a new AT1000PROII about a month ago and was tuning an inverted V center fed dipole and "smoked" the tuner. So, I completed the form and sent it back to Maryland. They have had it since August 13 and I was interested in their progress. When I went to the website I found the following... DO NOT Call or e-mail to ask about Status or Updates: We will promptly contact you when your repair has been completed. We are unable to provide call-tags for repairs and do not cross ship units. Is there anyway to get an update on equipment being repaired? KK4VUZ Virgil --- This email is free from viruses and malware because avast! Antivirus protection is active. http://www.avast.com [Non-text portions of this message have been removed]

6917. RE: [LDG-auto-tuners] Comment About Repair

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-08-24 20:39:45 UTC
From: ldgyahoo@...
Topic: 6911 Message: 6917

K4IZE,The plant did not close, only the tech support section that provided e-mail support was on a delay. At no time did the repair department close.

Dwayne Kincaid
LDG

6918. Re: [LDG-auto-tuners] Comment About Repair

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-08-25 03:43:25 UTC
From: JDO
Topic: 6911 Message: 6918

I have had some experience with sending a tuner for repair. I feel that it was evaluated and repaired within a very satisfactory time frame. I would hate to see the initial price of your products increase to cover a tracking program for items in the repair shop.
David KF5WDJ

Sent from my iPhone

> On Aug 24, 2014, at 3:24 PM, "ldgyahoo@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:
>
> Virgil and all. We used to say repairs take up to 4 to 6 calendar weeks for repair, but that was just too generic and looked like a long time. We rarely ever reached that maximum time frame anyway, but we said that as a catch all. Now we just say it will be done as soon as possible. It's an odd occurrence at LDG that we get more than 7 or 8 units in for repair, so most of them are done in just a week or two.
>
> The number of units sent back is so low that we only have a part time person that goes over the really troubled units a couple of days per week. We have a first level technician that looks at them to see if the problem can be replicated or not and can send the unit back (75% of the time there is no issue) or pass it along to a technician. The tech receives units a couple of batches per week and goes over each unit to make an initial determination if it can be repaired or if it's beyond repair.
>
> Finally, if it can be repaired, the technician will do the repairs in the order that they receive the units. There is no way to tell at this point how long it will take to repair any individual unit. It completely relies on the number of units ahead and the complexity of any units already in the queue.

>
> So you see, there is really no way to individually track down any particular unit while it’s in process. This is why we say we’ll contact you when it’s complete. It could be complete at any one of the several steps. It’s by far, the most efficient system possible give the resources.
>
>
>
> Taking the time to set up a tracking system so a few units could be tracked through each step would be extremely inefficient. Obviously we could do it, but it would certainly add a significant amount of time to each unit sent in for repair, whether they we returned with the first few days or it ended up with tech for a detailed checkout.
>
>
>
> Everyone gets an e-mail as soon as we are finished. We make that very clear. Asking for some kind of status along the way only delays the entire system.
>

>
>
> We’ve been doing this a few years and know that there are more customer oriented systems out there, but none are more efficient and certainly not faster than what we currently have implemented.
>
>
>
> I hope this helps in understanding the system.
>
>
>
> Dwayne Kincaid
>
> LDG
>
>

6919. RE: [LDG-auto-tuners] Comment About Repair

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-08-24 22:54:27 UTC
From: k4ize-bw
Topic: 6911 Message: 6919

Dwayne, Obviously my comment was supportive – not negative. As I said, “I THINk” I saw the email as mentioned by others. You guys have a very good product – mine works very well tuning a homemade vertical on all bands between 75M and 12M. I usually tune at about 50W, then run a kW through it. No problem yet…! My next purchase will be the external meter as watching the LED bars drive me nuts (-: .

Please don’t get sensitive on us, and keep up the good work.

Best regards,

Bill – K4IZE

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com]
Sent: Sunday, August 24, 2014 4:40 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: RE: [LDG-auto-tuners] Comment About Repair

K4IZE,The plant did not close, only the tech support section that provided e-mail support was on a delay. At no time did the repair department close.

Dwayne Kincaid
LDG

This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

[Non-text portions of this message have been removed]

6920. Re: [LDG-auto-tuners] Comment About Repair

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-08-24 22:38:21 UTC
From: Virgil Allmond
Topic: 6911 Message: 6920

Dwayne,
Your explanation helps a lot. I realize I am only one customer but if I had concerns...

My I suggest that you consider putting your explanation to me on the website on the same page as the "DO NOT CALL". I know it would have made me more understanding and given me more hope about the time line required. As it stands, you know how good you are but a new customer like me doesn't and just think you are another faceless corporation sitting on my $400+ investment until it is convenient for you to get around to fixing it.

THANK YOU for taking the time to answer me. I feel a lot better after reading your email.
Virgil Allmond 305-744-3774 Home
>770-617-0581 Cell
>
>
>
>
>
>

On Sunday, August 24, 2014 4:40 PM, "ldgyahoo@... [LDG-auto-tuners]"
<LDG-auto-tuners@yahoogroups.com> wrote:

K4IZE,The plant did not close, only the tech support section that provided e-mail support was on a delay. At no time did the repair department close.

Dwayne Kincaid
LDG

6921. RE: [LDG-auto-tuners] Comment About Repair

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-08-25 11:37:28 UTC
From: ldgyahoo@...
Topic: 6911 Message: 6921

Hi Bill,I really try not to be overly anything. Normally, the tone is kept as neutral as possible. Too strong and it comes off as a bullying. Too weak and it looks overly sensitive. Just the facts and it's too sterile. There may not be any way to do it properly. Oh well, we'll keep on trying.

To Virgil, I agree with you and we'll look at better ways to phrase that section. Thanks for your input.

Dwayne Kincaid
LDG

6922. RE: [LDG-auto-tuners] Comment About Repair

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-08-25 12:54:37 UTC
From: Bill Husted
Topic: 6911 Message: 6922

I have always received exceptional help from LDG and Wayne in specific.

Bill KQ4YA

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com]
Sent: Sunday, August 24, 2014 11:43 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] Comment About Repair

I have had some experience with sending a tuner for repair. I feel that it was evaluated and repaired within a very satisfactory time frame. I would hate to see the initial price of your products increase to cover a tracking program for items in the repair shop.

David KF5WDJ

Sent from my iPhone

On Aug 24, 2014, at 3:24 PM, "ldgyahoo@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:

Virgil and all. We used to say repairs take up to 4 to 6 calendar weeks for repair, but that was just too generic and looked like a long time. We rarely ever reached that maximum time frame anyway, but we said that as a catch all. Now we just say it will be done as soon as possible. It's an odd occurrence at LDG that we get more than 7 or 8 units in for repair, so most of them are done in just a week or two.

The number of units sent back is so low that we only have a part time person that goes over the really troubled units a couple of days per week. We have a first level technician that looks at them to see if the problem can be replicated or not and can send the unit back (75% of the time there is no issue) or pass it along to a technician. The tech receives units a couple of batches per week and goes over each unit to make an initial determination if it can be repaired or if it's beyond repair.

Finally, if it can be repaired, the technician will do the repairs in the order that they receive the units. There is no way to tell at this point how long it will take to repair any individual unit. It completely relies on the number of units ahead and the complexity of any units already in the queue.

So you see, there is really no way to individually track down any particular unit while it’s in process. This is why we say we’ll contact you when it’s complete. It could be complete at any one of the several steps. It’s by far, the most efficient system possible give the resources.

Taking the time to set up a tracking system so a few units could be tracked through each step would be extremely inefficient. Obviously we could do it, but it would certainly add a significant amount of time to each unit sent in for repair, whether they we returned with the first few days or it ended up with tech for a detailed checkout.

Everyone gets an e-mail as soon as we are finished. We make that very clear. Asking for some kind of status along the way only delays the entire system.

We've been doing this a few years and know that there are more customer oriented systems out there, but none are more efficient and certainly not faster than what we currently have implemented.

I hope this helps in understanding the system.

Dwayne Kincaid

LDG

6923. Re: [LDG-auto-tuners] Comment About Repair

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-08-25 13:06:35 UTC
From: Hank Greeb
Topic: 6911 Message: 6923

I MUST chime in.

A couple years ago we "fried" a LDG 4/1 balun during Field Day because of some weird impedance with a portable dipole fed with window line. We were running CW, 100 watts, and on 40 meters the impedance was "just wrong."

I was asking for info on the type of core which was used, so I could find one on the open market and copy the size and number of turns from the "fried one." Instead of telling me the type, etc., I was floored, surprised beyond belief, overwhelmed, when a complete, new toroid, all wound, and ready to be soldered into the old case came in the mail.

Customer service, over and beyond the call of duty!

10 stars out of 5 maximum, IMHO.

(Note, I had already purchased a new balun, and for the price of the unit, it wouldn't have made sense to send the old one back for repair!)

72/73 de n8xx Hg
QRP >99.44% of the time

6924. Re: Comment About Repair

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-08-26 19:53:18 UTC
From: David Birnbaum
Topic: 6911 Message: 6924

I had to send my new RT-100 in for repair. Even though I forgot about the week's vacation, LDG responded to my inquiries quickly (sorry Dwayne - didn't know about the policy). However they did replace the unit after it was found to be defective and I found the whole experience exceptional. LDG seems to go out of their way to make sure their customers are satisfied. That includes making a really nice product.

Can't recommend LDG too highly.

dave
k2lyv

6925. Re: [LDG-auto-tuners] Re: Comment About Repair

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-08-27 12:45:12 UTC
From: Art Galvez
Topic: 6911 Message: 6925

Hello to the group.
  I have been quietly reading all the responses concerning
LDG products,and decided to put my two cents worth in.

  I was introduced to LDG with a Z11 that came with a radio I bought
used .
 I followed the set-up procedures,and the instructions in the owners manual
that came with it , { yes I do read the instructions on ALL "new stuff " I get.
  I never had a problem with either unit.

 I sold those for what I paid for them,and bought a new LDG 600 pro tuner,to
go with a "new" Ameritron AL811 and a "new to me " Icom IC737A,and again ,
read both manuals before turning them on .
Again," never a problem with the LDG ,but the AL811 "needed" to be updated
to the AL811"A" .   and I sold the LDG600 ,and bought a brand spankin' new
LDG 1000PRO2 .....I have had the LDG1000PRO2 for about two years,
never a problem with any of the LDG products .
  I have had different manual tuners,from Heathkit,and MFJ before getting

the LDG tuners .   I could have saved myself a lot of money if I would have
gotten an LDG in the first place,but was concerned about " new products from
a new company .... well live and learn .... LDG makes good quality products,
and I would not hesitate to but from them again !   Ihave been a HAM since 1978,
so I am " old school ", and would highly recommend LDG products to "newbies",
Keep up the good work Duane and the people at LDG .
73,
Art
wa7ag original call for 30 years was ka7gtp

On Tuesday, August 26, 2014 12:53 PM, "David Birnbaum dbirnbau@gmail.com
[LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:

I had to send my new RT-100 in for repair. Even though I forgot about the week's vacation,
LDG responded to my inquiries quickly (sorry Dwayne - didn't know about the policy).
 However they did replace the unit after it was found to be defective and I found the whole
experience exceptional. LDG seems to go out of their way to make sure their customers are
satisfied. That includes making a really nice product.

Can't recommend LDG too highly.

dave
k2lyv

6926. Z11ProII TX but no RX?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-08-27 19:35:14 UTC
From: kirk@...
Topic: 6926 Message: 6926

Hi, gang,

My attic-mounted Z11ProII is being weird.

On HF, it tunes and hears without incident.

On 6 meters, it tunes fine on TX but it's deaf on RX.

I can switch to an attic mounted 6-meter dipole, and it hears and transmits just fine, so it's probably not my radio.

Thoughts?

Thanks!

--Kirk, NT0Z

6927. Re: [LDG-auto-tuners] Re: Comment About Repair

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-08-28 03:16:37 UTC
From: Brian Denley
Topic: 6911 Message: 6927

I have a YT-450 and now an AT-600 proII. They make great products. I do wish they were easier to contact but I also understand that adds cost.

Brian KB1VBF

Sent from my iPad

> On Aug 27, 2014, at 8:45 AM, "Art Galvez wa7ag@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:
>
> Hello to the group.
> I have been quietly reading all the responses concerning
> LDG products,and decided to put my two cents worth in.
>
> I was introduced to LDG with a Z11 that came with a radio I bought
> used .
> I followed the set-up procedures,and the instructions in the owners manual
> that came with it , { yes I do read the instructions on ALL "new stuff " I get.
> I never had a problem with either unit.
> I sold those for what I paid for them,and bought a new LDG 600 pro tuner,to
> go with a "new" Ameritron AL811 and a "new to me " Icom IC737A,and again ,
> read both manuals before turning them on .
> Again," never a problem with the LDG ,but the AL811 "needed" to be updated
> to the AL811"A" . and I sold the LDG600 ,and bought a brand spankin' new
> LDG 1000PRO2 .....I have had the LDG1000PRO2 for about two years,
> never a problem with any of the LDG products .
> I have had different manual tuners,from Heathkit,and MFJ before getting
> the LDG tuners . I could have saved myself a lot of money if I would have
> gotten an LDG in the first place,but was concerned about " new products from
> a new company .... well live and learn .... LDG makes good quality products,
> and I would not hesitate to but from them again ! Ihave been a HAM since 1978,
> so I am " old school ", and would highly recommend LDG products to "newbies",
> Keep up the good work Duane and the people at LDG .
> 73,
> Art
> wa7ag original call for 30 years was ka7gtp
>
>
> On Tuesday, August 26, 2014 12:53 PM, "David Birnbaum dbirnbau@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:
>
>
>
> I had to send my new RT-100 in for repair. Even though I forgot about the week's vacation, LDG responded to my inquiries quickly (sorry Dwayne - didn't know about the policy). However they did replace the unit after it was found to be defective and I found

the whole experience exceptional. LDG seems to go out of their way to make sure their customers are satisfied. That includes making a really nice product.
>
> Can't recommend LDG too highly.
>
> dave
> k2lyv
>
>
>

6928. LDG Z-11Pro 2

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-08-28 10:14:52 UTC
From: bill@...
Topic: 6928 Message: 6928

I have one of these connected to my IC-7000 and it's always work very well. I have heard that you can add batteries to the Z-11Pro2. Is this possible with the model I have? It would be good to detach it from the ICOM and use it on it's own when portable with another ig.
Bill - G4ERV

6929. Re: [LDG-auto-tuners] LDG Z-11Pro 2

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-08-28 12:45:05 UTC
From: Leonard K. Pennock
Topic: 6928 Message: 6929

There should be a section in the manual called "Installing an internal
Battery"

Leonard K. Pennock
AD7AS

Those who walk bravely through life, unafraid of loss or failure,
find that they very rarely lose or fail.

On 08/28/2014 03:14 AM, bill@... [LDG-auto-tuners] wrote:
>
>
> I have one of these connected to my IC-7000 and it's always work very
> well. I have heard that you can add batteries to the Z-11Pro2. Is this
> possible with the model I have? It would be good to detach it from the
> ICOM and use it on it's own when portable with another ig.
>
> Bill - G4ERV
>
>
>
>

6930. Re: [LDG-auto-tuners] LDG Z-11Pro 2

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-08-28 12:48:12 UTC
From: Leonard K. Pennock
Topic: 6928 Message: 6930

Got the wrong title it is "OPTIONAL INTERNAL BATTERY INSTALLATION". If
you don't have the manual you can download from LDG web site.

Leonard K. Pennock
AD7AS

Those who walk bravely through life, unafraid of loss or failure,
find that they very rarely lose or fail.

On 08/28/2014 05:45 AM, 'Leonard K. Pennock' leonardpennock@...
[LDG-auto-tuners] wrote:
> There should be a section in the manual called "Installing an internal
> Battery"
>
> Leonard K. Pennock
> AD7AS
>
> Those who walk bravely through life, unafraid of loss or failure,
> find that they very rarely lose or fail.
>
> On 08/28/2014 03:14 AM, bill@... [LDG-auto-tuners] wrote:
>>
>>
>> I have one of these connected to my IC-7000 and it's always work very
>> well. I have heard that you can add batteries to the Z-11Pro2. Is this
>> possible with the model I have? It would be good to detach it from the
>> ICOM and use it on it's own when portable with another ig.
>>
>> Bill - G4ERV
>>
>>
>>
>>
>
>
> ------------------------------------
> Posted by: "Leonard K. Pennock" <LeonardPennock@...>
> ------------------------------------
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> ------------------------------------
>
> Yahoo Groups Links
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>
>

6931. Re: [LDG-auto-tuners] LDG Z-11Pro 2

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-08-28 15:02:56 UTC
From: Art Galvez
Topic: 6928 Message: 6931

On page 9 of the manual, you will see that batteries can be installed
with an optional battery pack that would hold 6 or 8 AA or AAA batteries .

 On the same page,you will see the connecting location for the leads.

73,
Art

On Thursday, August 28, 2014 5:48 AM, "'Leonard K. Pennock' leonardpennock@...
[LDG-auto-tuners]" <LDG-auto-tuners@...m> wrote:

Got the wrong title it is "OPTIONAL INTERNAL BATTERY INSTALLATION". If
you don't have the manual you can download from LDG web site.

Leonard K. Pennock
AD7AS

Those who walk bravely through life, unafraid of loss or failure,
find that they very rarely lose or fail.

On 08/28/2014 05:45 AM, 'Leonard K. Pennock' leonardpennock@...
[LDG-auto-tuners] wrote:
> There should be a section in the manual called "Installing an internal
> Battery"
>
> Leonard K. Pennock
> AD7AS
>
> Those who walk bravely through life, unafraid of loss or failure,
> find that they very rarely lose or fail.
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> On 08/28/2014 03:14 AM, bill@... [LDG-auto-tuners] wrote:
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>> I have one of these connected to my IC-7000 and it's always work very
>> well. I have heard that you can add batteries to the Z-11Pro2. Is this
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>> ICOM and use it on it's own when portable with another ig.
>>
>> Bill - G4ERV
>>
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> ------------------------------------

> Posted by: "Leonard K. Pennock" <LeonardPennock@...>
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>
> Yahoo Groups Links
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6932. RT-100 questions

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-08-29 15:03:37 UTC
From: Jim Allen
Topic: 6932 Message: 6932

I have been using the RT-100/RC-100 combo for a few months now and notice that on some bands, especially 40M, it doesn't seem to remember the settings for each frequency. Also, I run almost all the time at 5 watts. When I increase the output towards 100 watts, it seems to lose the tuned setting, the SWR leaps up erratically and I have to re-tune. This is a relatively recent development. When I first started using this, I did not notice this phenomena.

A couple of possibilities come to mind, including RF on the coax, and of course, the RT-100 is malfunctioning. The Omni VI+ might be going berserk, too, I suppose. How should I proceed to figure out what is going on.

I have the RT-100 feeding a Balun Design unun 4:1 to a S-9v31 clone.

TIA

73 de W6OGC Jim Allen

6933. Re: [LDG-auto-tuners] RT-100 questions

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-08-29 18:40:21 UTC
From: Jimmy (WB8NBI)
Topic: 6932 Message: 6933

I would check for a loose or bad connection that may have developed over time.

DE Jimmy (WB8NBI)

From: mailto:LDG-auto-tuners@yahoogroups.com
Sent: Friday, August 29, 2014 11:03 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] RT-100 questions

I have been using the RT-100/RC-100 combo for a few months now and notice that on some bands, especially 40M, it doesn't seem to remember the settings for each frequency. Also, I run almost all the time at 5 watts. When I increase the output towards 100 watts, it seems to lose the tuned setting, the SWR leaps up erratically and I have to re-tune. This is a relatively recent development. When I first started using this, I did not notice this phenomena.

A couple of possibilities come to mind, including RF on the coax, and of course, the RT-100 is malfunctioning. The Omni VI+ might be going berserk, too, I suppose. How should I proceed to figure out what is going on.

I have the RT-100 feeding a Balun Design unun 4:1 to a S-9v31 clone.

TIA

73 de W6OGC Jim Allen

6934. AT 897 Plus -- is it fried?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-08-31 21:19:11 UTC
From: cdruhl@...
Topic: 6934 Message: 6934

I was tinkering with a home-brew end-fed antenna with a balun for field use and apparently got RF into the shack. I keyed up my Morse key once and the AT-897 Plus has its LED flashing continuously ever since.

I guess I'm sending it back for repair?

What a bummer!

73 Chris N3GBJ

6935. Re: RT-100 questions

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-09-01 00:23:23 UTC
From: jcaplins@...
Topic: 6932 Message: 6935

Have you checked the SWR without the tuner in line? Although not probable, it may be that the SWR is too high for the RT100 to match it. Or as previously noted there could be a bad connection, water in the line, etc. John
KK4JC

6936. Re: [LDG-auto-tuners] Re: RT-100 questions

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-09-01 00:42:37 UTC
From: Jim Allen
Topic: 6932 Message: 6936

This is puzzling as it matches just fine on reduced power <25 watts, then after advancing the power and sending for a bit, it suddenly appears to lose tune, the SWR and Output needles swing wildly. This doesn't happen every time, either, only some of the time. I don't know if it is frequency related on the low end of 40M. There is no water in the line; it hasn't rained here since it went into service! The connections seem tight.

I wonder if the transmitter might be going into parasitic oscillation or something in particular circumstances, combinations. The radio is about to be back to the factory for a check up as it has no output power on 160M and almost none on 30M... I don't know why. So something may not be quite right in the radio, too. I intend to try it with another radio tomorrow.

The tuner is a veritable "black box", no indications of what it is doing inside, AFAIK. I'd like to come up with a means of isolating each part of the "system."

73 de W6OGC Jim Allen

On Sun, Aug 31, 2014 at 7:23 PM, jcaplins@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:

>
>
> Have you checked the SWR without the tuner in line? Although not
> probable, it may be that the SWR is too high for the RT100 to match it. Or
> as previously noted there could be a bad connection, water in the line, etc.
> John
> KK4JC
>
>
>

6937. Re: [LDG-auto-tuners] Re: RT-100 questions

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-09-01 00:48:49 UTC
From: Joshua Mesilane
Topic: 6932 Message: 6937

I can't seem to access the RT-100 manual at the moment, but tell me. Is the power rating in PEP?

If so then it's not rated for CW/DIGI at 100W, rather the max you'll be able to push through it before it starts heating up (and the SWR changes) is about 30W. I see this behaviour with my AT-100, if I run more than 30W digital things start to get hot, and the SWR goes out pretty quickly.

This is a common thing a LOT of manufacturers do, An AT-100 is really only capable of about 30W on CW or Digi, and I'm pretty sure if you check the manual the 100W figure will list "SSB" or "PEP" next to it.

VK3XJM
0416039082
josh@...
http://www.zindello.com.au/

On Mon, Sep 1, 2014 at 10:42 AM, Jim Allen Jim.Allen@...
[LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:

>
>
> This is puzzling as it matches just fine on reduced power <25 watts, then
> after advancing the power and sending for a bit, it suddenly appears to
> lose tune, the SWR and Output needles swing wildly. This doesn't happen
> every time, either, only some of the time. I don't know if it is frequency
> related on the low end of 40M. There is no water in the line; it hasn't
> rained here since it went into service! The connections seem tight.
>
> I wonder if the transmitter might be going into parasitic oscillation or
> something in particular circumstances, combinations. The radio is about to
> be back to the factory for a check up as it has no output power on 160M and
> almost none on 30M... I don't know why. So something may not be quite
> right in the radio, too. I intend to try it with another radio tomorrow.
>
> The tuner is a veritable "black box", no indications of what it is doing
> inside, AFAIK. I'd like to come up with a means of isolating each part of
> the "system."
>
> 73 de W6OGC Jim Allen
>
>
> On Sun, Aug 31, 2014 at 7:23 PM, jcaplins@... [LDG-auto-tuners] <
> LDG-auto-tuners@yahoogroups.com> wrote:
>

>>
>>
>> Have you checked the SWR without the tuner in line? Although not
>> probable, it may be that the SWR is too high for the RT100 to match it. Or
>> as previously noted there could be a bad connection, water in the line, etc.
>> John
>> KK4JC
>>
>>
>
>

6938. Re: [LDG-auto-tuners] Re: RT-100 questions

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-09-01 00:52:02 UTC
From: Joshua Mesilane
Topic: 6932 Message: 6938

As I suspected it lists the power rating as:

0.1 to 100 watts SSB and CW peak power, 30W on digital modes.

If you're running more than a 30W carrier, it'll start to get hot. When it gets hot the inductance changes and your SWR goes funky.

VK3XJM
0416039082
josh@...
http://www.zindello.com.au/

On Mon, Sep 1, 2014 at 10:48 AM, Joshua Mesilane <josh@zindello.com.au> wrote:

> I can't seem to access the RT-100 manual at the moment, but tell me. Is
> the power rating in PEP?
>
> If so then it's not rated for CW/DIGI at 100W, rather the max you'll be
> able to push through it before it starts heating up (and the SWR changes)
> is about 30W. I see this behaviour with my AT-100, if I run more than 30W
> digital things start to get hot, and the SWR goes out pretty quickly.
>
> This is a common thing a LOT of manufacturers do, An AT-100 is really only
> capable of about 30W on CW or Digi, and I'm pretty sure if you check the
> manual the 100W figure will list "SSB" or "PEP" next to it.
>
>
> ---
> VK3XJM
> 0416039082
> josh@...
> http://www.zindello.com.au/
>
>
> On Mon, Sep 1, 2014 at 10:42 AM, Jim Allen Jim.Allen@...
> [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:
>
>>
>>
>> This is puzzling as it matches just fine on reduced power <25 watts, then
>> after advancing the power and sending for a bit, it suddenly appears to
>> lose tune, the SWR and Output needles swing wildly. This doesn't happen
>> every time, either, only some of the time. I don't know if it is frequency
>> related on the low end of 40M. There is no water in the line; it hasn't

>> rained here since it went into service! The connections seem tight.
>>
>> I wonder if the transmitter might be going into parasitic oscillation or
>> something in particular circumstances, combinations. The radio is about to
>> be back to the factory for a check up as it has no output power on 160M and
>> almost none on 30M... I don't know why. So something may not be quite
>> right in the radio, too. I intend to try it with another radio tomorrow.
>>
>> The tuner is a veritable "black box", no indications of what it is doing
>> inside, AFAIK. I'd like to come up with a means of isolating each part of
>> the "system."
>>
>> 73 de W6OGC Jim Allen
>>
>>
>> On Sun, Aug 31, 2014 at 7:23 PM, jcaplins@... [LDG-auto-tuners] <
>> LDG-auto-tuners@yahoogroups.com> wrote:
>>
>>>
>>>
>>> Have you checked the SWR without the tuner in line? Although not
>>> probable, it may be that the SWR is too high for the RT100 to match it. Or
>>> as previously noted there could be a bad connection, water in the line, etc.
>>> John
>>> KK4JC
>>>
>>>
>>
>>
>
>

6939. Re: [LDG-auto-tuners] Re: RT-100 questions

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-09-01 01:07:13 UTC
From: Jim Allen
Topic: 6932 Message: 6939

The manual says "0.1 to 100 watts SSB and CW peak power, 30W on digital modes."

If this doesn't handle 100 watts CW and SSB, then it was sold under a false pretense.

Be that as it may, I run more than 5 watts about 5% of the time, never more than 100 watts, 99% CW, and I've not noticed this phenomena on other bands.

73 de W6OGC Jim Allen

On Sun, Aug 31, 2014 at 7:48 PM, Joshua Mesilane josh@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:

>
>
> I can't seem to access the RT-100 manual at the moment, but tell me. Is
> the power rating in PEP?
>
> If so then it's not rated for CW/DIGI at 100W, rather the max you'll be
> able to push through it before it starts heating up (and the SWR changes)
> is about 30W. I see this behaviour with my AT-100, if I run more than 30W
> digital things start to get hot, and the SWR goes out pretty quickly.
>
> This is a common thing a LOT of manufacturers do, An AT-100 is really only
> capable of about 30W on CW or Digi, and I'm pretty sure if you check the
> manual the 100W figure will list "SSB" or "PEP" next to it.
>
>
> ---
> VK3XJM
> 0416039082
> josh@...
> http://www.zindello.com.au/
>
>
> On Mon, Sep 1, 2014 at 10:42 AM, Jim Allen Jim.Allen@...
> [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:
>
>>
>>
>> This is puzzling as it matches just fine on reduced power <25 watts, then
>> after advancing the power and sending for a bit, it suddenly appears to
>> lose tune, the SWR and Output needles swing wildly. This doesn't happen
>> every time, either, only some of the time. I don't know if it is frequency
>> related on the low end of 40M. There is no water in the line; it hasn't

>> rained here since it went into service! The connections seem tight.
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>> I wonder if the transmitter might be going into parasitic oscillation or
>> something in particular circumstances, combinations. The radio is about to
>> be back to the factory for a check up as it has no output power on 160M and
>> almost none on 30M... I don't know why. So something may not be quite
>> right in the radio, too. I intend to try it with another radio tomorrow.
>>
>> The tuner is a veritable "black box", no indications of what it is doing
>> inside, AFAIK. I'd like to come up with a means of isolating each part of
>> the "system."
>>
>> 73 de W6OGC Jim Allen
>>
>>
>> On Sun, Aug 31, 2014 at 7:23 PM, jcaplins@... [LDG-auto-tuners] <
>> LDG-auto-tuners@yahoogroups.com> wrote:
>>
>>>
>>>
>>> Have you checked the SWR without the tuner in line? Although not
>>> probable, it may be that the SWR is too high for the RT100 to match it. Or
>>> as previously noted there could be a bad connection, water in the line, etc.
>>> John
>>> KK4JC
>>>
>>>
>>
>
>

6940. Re: [LDG-auto-tuners] Re: RT-100 questions

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-09-01 01:15:26 UTC
From: Jim Allen
Topic: 6932 Message: 6940

I have another thought, that RF is getting into the mix where it's not supposed to be, maybe common mode etc.

Is it desirable to have a CM choke between the tuner and the radio with one of these tuners? I fed the S9v31 clone with a 1:4 unun, the RT-100, then ~25' of RG-213 back to the shack. I have been under the impression that CM chokes are not particularly necessary with these remote tuners, the balance that they enforce being done at the tuner. Maybe this is the problem......

73 de W6OGC Jim Allen

On Sun, Aug 31, 2014 at 8:07 PM, Jim Allen <jim.allen@...>
wrote:

> The manual says "0.1 to 100 watts SSB and CW peak power, 30W on digital
> modes."
>
> If this doesn't handle 100 watts CW and SSB, then it was sold under a
> false pretense.
>
> Be that as it may, I run more than 5 watts about 5% of the time, never
> more than 100 watts, 99% CW, and I've not noticed this phenomena on other
> bands.
>
> 73 de W6OGC Jim Allen
>
>
> On Sun, Aug 31, 2014 at 7:48 PM, Joshua Mesilane josh@...
> [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:
>
>>
>>
>> I can't seem to access the RT-100 manual at the moment, but tell me. Is
>> the power rating in PEP?
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>> digital things start to get hot, and the SWR goes out pretty quickly.
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>> This is a common thing a LOT of manufacturers do, An AT-100 is really
>> only capable of about 30W on CW or Digi, and I'm pretty sure if you check
>> the manual the 100W figure will list "SSB" or "PEP" next to it.
>>
>>
>> ---

>> VK3XJM
>> 0416039082
>> josh@...
>> http://www.zindello.com.au/
>>
>>
>> On Mon, Sep 1, 2014 at 10:42 AM, Jim Allen Jim.Allen@...
>> [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:
>>
>>>
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>>> This is puzzling as it matches just fine on reduced power <25 watts,
>>> then after advancing the power and sending for a bit, it suddenly appears
>>> to lose tune, the SWR and Output needles swing wildly. This doesn't happen
>>> every time, either, only some of the time. I don't know if it is frequency
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>>> I wonder if the transmitter might be going into parasitic oscillation or
>>> something in particular circumstances, combinations. The radio is about to
>>> be back to the factory for a check up as it has no output power on 160M and
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>>>
>>> The tuner is a veritable "black box", no indications of what it is doing
>>> inside, AFAIK. I'd like to come up with a means of isolating each part of
>>> the "system."
>>>
>>> 73 de W6OGC Jim Allen
>>>
>>>
>>> On Sun, Aug 31, 2014 at 7:23 PM, jcaplins@... [LDG-auto-tuners]
>>> <LDG-auto-tuners@yahoogroups.com> wrote:
>>>
>>>>
>>>>
>>>> Have you checked the SWR without the tuner in line? Although not
>>>> probable, it may be that the SWR is too high for the RT100 to match it. Or
>>>> as previously noted there could be a bad connection, water in the line, etc.
>>>> John
>>>> KK4JC
>>>>
>>>>
>>>
>>
>>
>
>

6941. Re: [LDG-auto-tuners] Re: RT-100 questions

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-09-02 01:01:06 UTC
From: ldgyahoo@...
Topic: 6932 Message: 6941

Joshua,

The duty cycle rating for CW and Digi is not the same thing. Digi is like RTTY or slow scan, it's 100 % duty cycle. CW is much less than 100%.

Dwayne Kincaid
LDG

6942. Re: RT-100 questions

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-09-04 14:55:15 UTC
From: bradm75@...
Topic: 6932 Message: 6942

As Dwayne has said before, if the toroid cores overheat...the damage is done. They will be more likely to overheat again and ultimately result in catastrophic failure of the core. It would be prudent to check the tuner's toroids for any heat damage (e.g. cracks in the cores, scorching, etc.). If there is sign of overheating, you'll want to have the tuner repaired.

If the tuner isn't the cause of your spiking SWR, then as others have said, you might check for moisture in the feed line including moisture in lightning/static arrestors. Also ensure that your 4:1 balun is rated high enough to withstand high voltages and/or current without becoming saturated.

73,
Brad KA3YAN

6943. Re: [LDG-auto-tuners] Re: RT-100 questions

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-09-04 15:23:00 UTC
From: Jim Allen
Topic: 6932 Message: 6943

I think I can say without fear of contradiction that moisture in the feed line isn't the problem. It hasn't rained since the tuner and coax went into service! There is no irrigation out in that part of the property, on the edge of Indian country.

I will take the tuner off and open it up to look for heat damage. There has never been more than 100 watts of CW through it, so I hope that hasn't happened. If it can't take 100 watts of HF CW routinely, then it is worthless for almost all users. My AH-4 has handled that for years without a hiccup. I'm thinking RF in the feed line, common mode type stuff is more likely.

73 de W6OGC Jim Allen

On Thu, Sep 4, 2014 at 9:55 AM, bradm75@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:

>
>
> As Dwayne has said before, if the toroid cores overheat...the damage is
> done. They will be more likely to overheat again and ultimately result in
> catastrophic failure of the core. It would be prudent to check the tuner's
> toroids for any heat damage (e.g. cracks in the cores, scorching, etc.).
> If there is sign of overheating, you'll want to have the tuner repaired.
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> If the tuner isn't the cause of your spiking SWR, then as others have
> said, you might check for moisture in the feed line including moisture in
> lightning/static arrestors. Also ensure that your 4:1 balun is rated high
> enough to withstand high voltages and/or current without becoming saturated.
>
> 73,
> Brad KA3YAN
>
>
>

6945. Re: RT-100 questions

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-09-21 12:20:05 UTC
From: campbelh_1@...
Topic: 6932 Message: 6945

My AT-1000ProII manual states its SSB rating is 1000W, CW 750W, and RTTYPacket/PSK31 400W. I just ordered an AT-100ProII, for which the rating is 125W for BOTH SSB AND CW.

The relative differences for SSB and CW for the 2 tuners are confusing. Going back to Dwayne's comment, is 125W on the AT-100ProII too high for normal CW ops? If so what would be a safe level for normal use?

Thanks,
Howard

6946. Re: RT-100 questions

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-09-22 11:16:28 UTC
From: CR
Topic: 6932 Message: 6946

On 9/21/2014 at 8:01 AM, campbelh_1@... wrote:
> I just ordered an AT-100ProII, for which the rating is 125W for BOTH SSB AND CW.
>
> The relative differences for SSB and CW for the 2 tuners are confusing. Going back to Dwayne's comment, is 125W on the AT-100ProII too high for normal CW ops? If so what would be a safe level for normal use?

See rsgb.org/main/files/2012/11/emc-leaflet-13.pdf , and scroll down to "Table 4 - Duty factor considerations for some typical Amateur transmission modes". The RF safety aspects are useful reading, too. Note the difference between normal and compressed SSB.

The issue is what voltage the capacitors can withstand *and how much heat the cores can take*; a low duty cycle has less chance of damaging them becasue they have time to cool down. High voltage capacitors can be cheaper than high wattage cores, but an overheated ferrite core will change value permanently if it gets hot enough. See below.

I once saw an "100 watt PEP" 4:1 (200 Ohm design impedance) Balun melt its plastic case when it was used at 100 watts "running" a frequency during Field Day. (I had a much larger one available and we replaced it.) The higher the SWR, the more power the Balun core (or a tuner's cores) must dissipate , so what started out as "100W SSB" for conversational SSB was probably exceeded several times over.

IIRC, the manufacturer sent the owner a new and larger core to rewind it.

FIWIW department. It may be a good idea to use an antenna bridge to see what SWR the tuner must deal with. One "1500 watt" Balun core at my station got hot enough to boil spit (!) and become useless on just 100 watts. To quote the Beatles, "Now I'm a Believer ...".

Cortland
KA5S

Date:
Sun Sep 21, 2014 8:01 am ((PDT))

6947. Re: RT-100 questions

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-09-22 13:02:33 UTC
From: wa1rkt@...
Topic: 6932 Message: 6947

>> This is puzzling as it matches just fine on reduced
>> power <25 watts, then after advancing the power
>> and sending for a bit, it suddenly appears to lose
>> tune, the SWR and Output needles swing wildly.

This exact same thing happens to me except at a much higher power... when running barefoot (100 watts) all is fine but kick in the amp and transmot 700 watts and SWR goes way high and tuner appears to go out of tune. This is with the AT-1000 or either of my AT-1000Pros so it's unlikely that it's the tuner.

I'm convinced I have a problem with my antenna (160-meter inverted V fed with ladder line) that only shows up at high power levels, perhaps a loose connection or one of the wires touching a branch or something. The antenna wires are insulated but maybe the insulation has worn where the wire touches a branch and arcs over at high power. Maybe.

I've already switched baluns to no joy. I'm hoping to be able to get out there today and find the problem.

Rick WA1RKT
Londonderry, NH
Catch me on 14.300 MHz Intercon / MMSN most days

6948. Re: [LDG-auto-tuners] Re: RT-100 questions

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-09-22 14:28:08 UTC
From: Charles Scott
Topic: 6932 Message: 6948

Rick:

Quick question... If you were to transmit at higher power using a continuous carrier and watch the SWR (tuned SWR, not what the antenna is presenting to the tuner), does it immediately become erratic or ramp up to a point where it's a problem. If it's the latter, it's probably heating in the tuner. In that case, what's the SWR for that band with the tuner in by-pass mode?

Otherwise, this could be an indication of stray RF or common-mode RF current on the transmission line that's getting into the tuner control circuits or other things. Do you have any other indications of stray RF at higher power?

Chuck - N8DNX

On 9/22/2014 9:02 AM, wa1rkt@... [LDG-auto-tuners] wrote:
>
>
> >> This is puzzling as it matches just fine on reduced
> >> power <25 watts, then after advancing the power
> >> and sending for a bit, it suddenly appears to lose
> >> tune, the SWR and Output needles swing wildly.
>
> This exact same thing happens to me except at a much higher power...
> when running barefoot (100 watts) all is fine but kick in the amp and
> transmot 700 watts and SWR goes way high and tuner appears to go out
> of tune. This is with the AT-1000 or either of my AT-1000Pros so it's
> unlikely that it's the tuner.
>
> I'm convinced I have a problem with my antenna (160-meter inverted V
> fed with ladder line) that only shows up at high power levels, perhaps
> a loose connection or one of the wires touching a branch or
> something. The antenna wires are insulated but maybe the insulation
> has worn where the wire touches a branch and arcs over at high power.
> Maybe.
>
> I've already switched baluns to no joy. I'm hoping to be able to get
> out there today and find the problem.
>
> Rick WA1RKT
> Londonderry, NH
> Catch me on 14.300 MHz Intercon / MMSN most days

6949. AT200 Pro help

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-09-22 14:34:45 UTC
From: ka9p@...
Topic: 6949 Message: 6949

Having a bit of trouble with my AT200 that's worked great for the last 4 years, and would appreciate any sage advice.

I run the tuner in the automatic mode to remotely tune an 88 ft center fed zepp, and it has stopped tuning on any band but 80 and 40 meters. Antenna appears ok and unchanged.

The tuner will infrequently try to cycle on the higher bands but when it does, I get the two flashes of a row of LEDs which I believe signals an error. I've been through the manual, read and reset everything suggested, but the result is unchanged.

Does this sound like a failed tuner, or is there some possible operator error involved I should continue to chase? Or some testing with sample loads of various types I might try to see if the tuner is still in spec?

Thanks, Scott

6950. Re: RT-100 questions

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-09-22 14:48:26 UTC
From: wa1rkt@...
Topic: 6932 Message: 6950

Good morning, Chuck.

It becomes fairly erratic fairly quickly... don't know about "immediately" but within a few seconds. I use the same tuners on my other inverted V (also fed with ladder line, a balun, and a short length of coax to the tuner) which is even farther off-resonance than the problematic one, and don't have this problem. Also, with this antenna, the problem is relatively recent... I used it for many years at 800-watt power levels with no issues.

As for the SWR that the antenna presents (tuner in bypass mode), it is sky-high most of the time. I use both of the inverted Vs on a wide range of CAP and MARS frequencies as well as amateur ones, so it's a lost cause to try to use an antenna that's anywhere near resonance for all, unless it's one of those T2FD "radiating dummy load" antennas which I also have (for CAP ALE).

I have no other indications of excessive RF in the shack... lots of RF in the shack would show up (and has in the past shown up) as lines across my computer screens, among other things, and taken to excess would interfere with my computers (four of them) running here in the shack, causing them to reboot and such, and nothing like that happens.

Rick WA1RKT

6951. Re: [LDG-auto-tuners] AT200 Pro help

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-09-22 15:29:38 UTC
From: Don Sanders
Topic: 6949 Message: 6951

Are you using a balun 4 to1 or 1 to 1 from the balanced line to the LDG tuner?
I found trouble only with 17 meters with my 1 to 1 balun using my 88 foot doublet. All others OK. Need to try 4 to 1 and see what changes I find.

Dr. Don W4BWS

On Mon, Sep 22, 2014 at 9:34 AM, ka9p@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:

>
>
> Having a bit of trouble with my AT200 that's worked great for the last 4
> years, and would appreciate any sage advice.
>
> I run the tuner in the automatic mode to remotely tune an 88 ft center fed
> zepp, and it has stopped tuning on any band but 80 and 40 meters.
> Antenna appears ok and unchanged.
>
> The tuner will infrequently try to cycle on the higher bands but when it
> does, I get the two flashes of a row of LEDs which I believe signals an
> error. I've been through the manual, read and reset everything suggested,
> but the result is unchanged.
>
> Does this sound like a failed tuner, or is there some possible operator
> error involved I should continue to chase? Or some testing
> with sample loads of various types I might try to see if the tuner is still
> in spec?
>
> Thanks, Scott
>
>
>

6952. Re: [LDG-auto-tuners] AT200 Pro help

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-09-22 19:44:09 UTC
From: ka9p@...
Topic: 6949 Message: 6952

Thanks Don, I'm using an LDG 4 to 1, and it works fine everywhere except 80 meters, where it hunts along time for a match if it finds one. 73 Scott

In a message dated 9/22/2014 10:37:16 A.M. Central Daylight Time, LDG-auto-tuners@yahoogroups.com writes:

Are you using a balun 4 to1 or 1 to 1 from the balanced line to the LDG tuner?
I found trouble only with 17 meters with my 1 to 1 balun using my 88 foot doublet. All others OK. Need to try 4 to 1 and see what changes I find.

Dr. Don W4BWS

On Mon, Sep 22, 2014 at 9:34 AM, _ka9p@..._ (mailto:ka9p@...) [LDG-auto-tuners] <_LDG-auto-tuners@yahoogroups.com_ (mailto:LDG-auto-tuners@yahoogroups.com) > wrote:

Having a bit of trouble with my AT200 that's worked great for the last 4 years, and would appreciate any sage advice.

I run the tuner in the automatic mode to remotely tune an 88 ft center fed zepp, and it has stopped tuning on any band but 80 and 40 meters. Antenna appears ok and unchanged.

The tuner will infrequently try to cycle on the higher bands but when it does, I get the two flashes of a row of LEDs which I believe signals an error. I've been through the manual, read and reset everything suggested, but the result is unchanged.

Does this sound like a failed tuner, or is there some possible operator error involved I should continue to chase? Or some testing with sample loads of various types I might try to see if the tuner is still in spec?

Thanks, Scott

6953. Re: [LDG-auto-tuners] AT200 Pro help

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-09-22 22:10:43 UTC
From: Don Sanders
Topic: 6949 Message: 6953

Well you may need a 1 to 1 on 80 as the impedance is already low and the 4 to 1 may make it so low the tuner has problem finding match. That is why I take the advice of the sages and use a 1 to 1 now. I am going to make a 4 to 1 to try on 17 on mine.

Dr. Don W4BWS

On Mon, Sep 22, 2014 at 2:44 PM, ka9p@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:

>
>
> Thanks Don, I'm using an LDG 4 to 1, and it works fine everywhere except
> 80 meters, where it hunts along time for a match if it finds one. 73 Scott
>
> In a message dated 9/22/2014 10:37:16 A.M. Central Daylight Time,
> LDG-auto-tuners@yahoogroups.com writes:
>
>
>
> Are you using a balun 4 to1 or 1 to 1 from the balanced line to the LDG
> tuner?
> I found trouble only with 17 meters with my 1 to 1 balun using my 88 foot
> doublet. All others OK. Need to try 4 to 1 and see what changes I find.
>
>
>
> Dr. Don W4BWS
>
> On Mon, Sep 22, 2014 at 9:34 AM, ka9p@... [LDG-auto-tuners] <
> LDG-auto-tuners@yahoogroups.com> wrote:
>
>>
>>
>> Having a bit of trouble with my AT200 that's worked great for the last
>> 4 years, and would appreciate any sage advice.
>>
>> I run the tuner in the automatic mode to remotely tune an 88 ft center
>> fed zepp, and it has stopped tuning on any band but 80 and 40 meters.
>> Antenna appears ok and unchanged.
>>
>> The tuner will infrequently try to cycle on the higher bands but when it
>> does, I get the two flashes of a row of LEDs which I believe signals an
>> error. I've been through the manual, read and reset everything suggested,
>> but the result is unchanged.
>>

>> Does this sound like a failed tuner, or is there some possible operator
>> error involved I should continue to chase? Or some testing
>> with sample loads of various types I might try to see if the tuner is still
>> in spec?
>>
>> Thanks, Scott
>>
>>
>
>

6954. Re: [LDG-auto-tuners] AT200 Pro help

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-09-22 22:35:16 UTC
From: ka9p@...
Topic: 6949 Message: 6954

Sounds right, good luck on 17. I have issues with my AT1000 there with a 4 to 1 but rarely go there with that antenna. 73

In a message dated 9/22/2014 5:16:59 P.M. Central Daylight Time, LDG-auto-tuners@yahoogroups.com writes:

Well you may need a 1 to 1 on 80 as the impedance is already low and the 4 to 1 may make it so low the tuner has problem finding match. That is why I take the advice of the sages and use a 1 to 1 now. I am going to make a 4 to 1 to try on 17 on mine.

Dr. Don W4BWS

On Mon, Sep 22, 2014 at 2:44 PM, _ka9p@..._ (mailto:ka9p@...) [LDG-auto-tuners] <_LDG-auto-tuners@yahoogroups.com_ (mailto:LDG-auto-tuners@yahoogroups.com) > wrote:

Thanks Don, I'm using an LDG 4 to 1, and it works fine everywhere except 80 meters, where it hunts along time for a match if it finds one. 73 Scott

In a message dated 9/22/2014 10:37:16 A.M. Central Daylight Time, _LDG-auto-tuners@yahoogroups.com_ (mailto:LDG-auto-tuners@yahoogroups.com) writes:

Are you using a balun 4 to1 or 1 to 1 from the balanced line to the LDG tuner?
I found trouble only with 17 meters with my 1 to 1 balun using my 88 foot doublet. All others OK. Need to try 4 to 1 and see what changes I find.

Dr. Don W4BWS

On Mon, Sep 22, 2014 at 9:34 AM, _ka9p@..._ (mailto:ka9p@...) [LDG-auto-tuners] <_LDG-auto-tuners@yahoogroups.com_ (mailto:LDG-auto-tuners@yahoogroups.com) > wrote:

Having a bit of trouble with my AT200 that's worked great for the last 4 years, and would appreciate any sage advice.

I run the tuner in the automatic mode to remotely tune an 88 ft center fed zepp, and it has stopped tuning on any band but 80 and 40 meters. Antenna appears ok and unchanged.

The tuner will infrequently try to cycle on the higher bands but when it does, I get the two flashes of a row of LEDs which I believe signals an error. I've been through the manual, read and reset everything suggested, but the result is unchanged.

Does this sound like a failed tuner, or is there some possible operator error involved I should continue to chase? Or some testing with sample loads

of various types I might try to see if the tuner is still in spec?

Thanks, Scott

6955. Re: AT200 Pro help

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-09-23 13:56:55 UTC
From: ka5s@...
Topic: 6949 Message: 6955

This sounds like local RF being detected as reflected power. I've been reluctant to put such a sensitive tuner at the antenna because of an expanded-band 10 KW AM station less than a mile away. One "fix", if tuner memories are unaffected, is to store the settings for each band or band segment, then set the tuning threshold at 3:1.

Cortland
KA5S

6956. Re: [LDG-auto-tuners] Re: AT200 Pro help

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-09-23 14:42:40 UTC
From: Don Sanders
Topic: 6949 Message: 6956

One possible fix for the AM station is to install an open quarter wave at the AM freq on the antenna side of the tuner. That should keep its signal out of the tuner.

Dr. Don W4BWS

On Tue, Sep 23, 2014 at 8:56 AM, ka5s@earthlink.net [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:

>
>
> This sounds like local RF being detected as reflected power. I've been
> reluctant to put such a sensitive tuner at the antenna because of an
> expanded-band 10 KW AM station less than a mile away. One "fix", if tuner
> memories are unaffected, is to store the settings for each band or band
> segment, then set the tuning threshold at 3:1.
>
> Cortland
> KA5S
>
>

6957. Re: [LDG-auto-tuners] Re: AT200 Pro help

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-09-23 14:59:37 UTC
From: Charles Scott
Topic: 6949 Message: 6957

Dr. Don:

Keep in mind that this will cause a low-impedance across the line every odd multiple of the frequency in addition to the design frequency. Assuming 1 MHz, that's every 2 MHz also above the design frequency. Probably not going to work out well, not to mention the length required for that stub. :)

Might cause less problems to put a series resonant LC network across the line for that frequency, but I'd want to think about that a bit.

Chuck - N8DNX

On 9/23/2014 10:42 AM, Don Sanders w4bws1@... [LDG-auto-tuners] wrote:
>
>
> One possible fix for the AM station is to install an open quarter wave
> at the AM freq on the antenna side of the tuner. That should keep its
> signal out of the tuner.
>
> Dr. Don W4BWS

6958. Re: [LDG-auto-tuners] Re: AT200 Pro help

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-09-23 15:50:43 UTC
From: Don Sanders
Topic: 6949 Message: 6958

That is a possible result. However either a coax stub or an LC trap can be used to see if the erronious reflected power reading is resolved. If not another solution need be sought. If resolved then possibly another means to remove the RF Is needed. Perhaps like adding a load to the output of mixers to absorb the unwanted products.
First it must be determined what the problem actually is before deciding what solutions to use.
Years ago we had a problem at a BC station where I worked. There was a big null in the pattern. Found a local chicken farmer had installed a LARGE multiturn wire antenna and was using the Rf to power heaters for the chickens or such. Paying a small monthly power bill and dismantling the antenna solved the null problem.
There are many things that may help, but first have to determine the problem.

Dr. Don W4BWS

On Tue, Sep 23, 2014 at 9:59 AM, Charles Scott cscott@gaslightmedia.com [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:

>
>
> Dr. Don:
>
> Keep in mind that this will cause a low-impedance across the line every
> odd multiple of the frequency in addition to the design frequency. Assuming
> 1 MHz, that's every 2 MHz also above the design frequency. Probably not
> going to work out well, not to mention the length required for that stub. :)
>
> Might cause less problems to put a series resonant LC network across the
> line for that frequency, but I'd want to think about that a bit.
>
> Chuck - N8DNX
>
>
> On 9/23/2014 10:42 AM, Don Sanders w4bws1@... [LDG-auto-tuners]
> wrote:
>
> One possible fix for the AM station is to install an open quarter wave at
> the AM freq on the antenna side of the tuner. That should keep its signal
> out of the tuner.
>
> Dr. Don W4BWS
>
>
>

>

6959. Re: [LDG-auto-tuners] AT200 Pro help

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-09-22 20:25:31 UTC
From: Mike Carletta Sr
Topic: 6949 Message: 6959

For what it is worth my LDG AT-200 Pro 11 was acting up (coil melted due to my hot switching bad habits) so I sent it in for repair. They told me there was a new chip which had software updates which they installed at the same time as the repair.
I always run a line isolator (1:1)for my OFC 160-6 meter dipole with out any problems. Matching time on 160 takes some time.
LDG gang did a wonderful job and returned tuner promptly.
Mike/K2OI

On Mon, Sep 22, 2014 at 3:44 PM, ka9p@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:

>
>
> Thanks Don, I'm using an LDG 4 to 1, and it works fine everywhere except
> 80 meters, where it hunts along time for a match if it finds one. 73 Scott
>
> In a message dated 9/22/2014 10:37:16 A.M. Central Daylight Time,
> LDG-auto-tuners@yahoogroups.com writes:
>
>

>
> Are you using a balun 4 to1 or 1 to 1 from the balanced line to the LDG
> tuner?
> I found trouble only with 17 meters with my 1 to 1 balun using my 88 foot
> doublet. All others OK. Need to try 4 to 1 and see what changes I find.
>
>
>
> Dr. Don W4BWS
>
> On Mon, Sep 22, 2014 at 9:34 AM, ka9p@... [LDG-auto-tuners] <
> LDG-auto-tuners@yahoogroups.com> wrote:
>
>>
>>
>> Having a bit of trouble with my AT200 that's worked great for the last
>> 4 years, and would appreciate any sage advice.
>>
>> I run the tuner in the automatic mode to remotely tune an 88 ft center
>> fed zepp, and it has stopped tuning on any band but 80 and 40 meters.
>> Antenna appears ok and unchanged.
>>
>> The tuner will infrequently try to cycle on the higher bands but when it
>> does, I get the two flashes of a row of LEDs which I believe signals an

>> error. I've been through the manual, read and reset everything suggested,
>> but the result is unchanged.
>>
>> Does this sound like a failed tuner, or is there some possible operator
>> error involved I should continue to chase? Or some testing
>> with sample loads of various types I might try to see if the tuner is still
>> in spec?
>>
>> Thanks, Scott
>>
>>
>
>

--
Mike Carletta
Carletta Realty
30 Emerald Pt
Rochester,NY 14624
585 594 4697

6960. Re: [LDG-auto-tuners] AT200 Pro help

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-09-23 18:03:53 UTC
From: Scott McDonald
Topic: 6949 Message: 6960

Thanks Mike, good idea,I think I'll pull the cover, check again for anything obvious and do the same thing 73 Scott

Make something good happen!

> On Sep 22, 2014, at 3:25 PM, "Mike Carletta Sr mike.carletta@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:
>
>
>
> For what it is worth my LDG AT-200 Pro 11 was acting up (coil melted due to my hot switching bad habits) so I sent it in for repair. They told me there was a new chip which had software updates which they installed at the same time as the repair.
> I always run a line isolator (1:1)for my OFC 160-6 meter dipole with out any problems. Matching time on 160 takes some time.
> LDG gang did a wonderful job and returned tuner promptly.
> Mike/K2OI
>
>> On Mon, Sep 22, 2014 at 3:44 PM, ka9p@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:
>>
>>
>> Thanks Don, I'm using an LDG 4 to 1, and it works fine everywhere except 80 meters, where it hunts along time for a match if it finds one. 73 Scott
>>
>> In a message dated 9/22/2014 10:37:16 A.M. Central Daylight Time, LDG-auto-tuners@yahoogroups.com writes:
>>
>>
>> Are you using a balun 4 to1 or 1 to 1 from the balanced line to the LDG tuner?
>> I found trouble only with 17 meters with my 1 to 1 balun using my 88 foot doublet. All others OK. Need to try 4 to 1 and see what changes I find.
>>
>>
>>
>> Dr. Don W4BWS
>>
>>> On Mon, Sep 22, 2014 at 9:34 AM, ka9p@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:
>>>
>>>
>>> Having a bit of trouble with my AT200 that's worked great for the last 4 years, and would appreciate any sage advice.
>>>
>>> I run the tuner in the automatic mode to remotely tune an 88 ft center fed zepp, and it

has stopped tuning on any band but 80 and 40 meters. Antenna appears ok and unchanged.
>>>
>>> The tuner will infrequently try to cycle on the higher bands but when it does, I get the two flashes of a row of LEDs which I believe signals an error. I've been through the manual, read and reset everything suggested, but the result is unchanged.
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>>> Does this sound like a failed tuner, or is there some possible operator error involved I should continue to chase? Or some testing with sample loads of various types I might try to see if the tuner is still in spec?
>>>
>>> Thanks, Scott
>
>
>
> --
> Mike Carletta
> Carletta Realty
> 30 Emerald Pt
> Rochester,NY 14624
> 585 594 4697
>
>
>

6961. YT-1200 Update

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-09-25 03:18:39 UTC
From: ldgyahoo@...
Topic: 6961 Message: 6961

Just a quick update to say that the first shipment of the new YT-1200 has been shipped to dealers this week. All current orders have been filled.

Thanks for the bandwidth,

Dwayne Kincaid
LDG

6962. AT-100ProII port isolation

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-09-29 18:44:54 UTC
From: steve.lenaghan@...
Topic: 6962 Message: 6962

I have noticed during some dummy load tests that there is quite a bit of feed through from the inactive port (antenna) when the second port is connected to a load. Is this normal? The down side is that when operating MARS-ALE into dummy load the radio behaves like it was still connected to the antenna. For this and EMCOM work it could lead the operator to think he was not getting through.

I have determined that the loss between terminals is about 20db and on JT65 this still allowed adequate signal decoding except for marginal stations.

Steve CIW406

6963. Re: YT-1200 Update

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-10-09 02:17:43 UTC
From: tombutas@...
Topic: 6961 Message: 6963

Got mine from HRO. Learning how to use it with my Yaesu FT 450D. Only issue--loud sounding when tuning. Maybe just needs to break in. Also mounted on my power supply. Pleased otherwise.

TOM KM4AEM

6964. Re: YT-1200 Update

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-10-09 20:06:07 UTC
From: michael@...
Topic: 6961 Message: 6964

Tom it uses relays to switch the various L C combinations, so the chattering is normal. The only thing that will keep the noise down is faster tuning as you populate the memories with various tuning steps.

73

Mike
M0SAZ

6965. Re: AT-100ProII port isolation

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-10-09 20:33:16 UTC
From: michael@...
Topic: 6962 Message: 6965

I guess the only separation between connectivity between each antenna port is a relay, which probably doesn't give total isolation. I guess feeder and connector quality might have some influence if any signal could reach to the circuits though the common ground. I have not had a particular issue with the vast array of LDG tuners I have owned, but then I only operate SSB/CW.

I guess the same thing could exist on antenna A/B ports on the radio itself. I wonder if it would help to replace the jumper wire from the socket to the PCB inside each antenna port on the Tuner with some decent coax.

73

Mike
M0SAZ

---In LDG-auto-tuners@yahoogroups.com, <steve.lenaghan@...> wrote :

I have noticed during some dummy load tests that there is quite a bit of feed through from the inactive port (antenna) when the second port is connected to a load. Is this normal? The down side is that when operating MARS-ALE into dummy load the radio behaves like it was still connected to the antenna. For this and EMCOM work it could lead the operator to think he was not getting through.

I have determined that the loss between terminals is about 20db and on JT65 this still allowed adequate signal decoding except for marginal stations.

Steve CIW406

6966. Re: [LDG-auto-tuners] Re: AT-100ProII port isolation

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-10-09 20:58:47 UTC
From: Paulo A.A.B.
Topic: 6962 Message: 6966

Hi mike,

I have a similar issue, when switch the tuner to bypass mode, it doesnt
pass 100% direct from radio to antenna, i do have some swr inserted, just
got 100% bypass when turning off the tuner, and that should not happen.
The issue has bigger effect on 50mhz
Using a AT-1000pro tuner...

Cheers

Paulo CU2GI
Em 09/10/2014 20:48, "michael@... [LDG-auto-tuners]" <
LDG-auto-tuners@yahoogroups.com> escreveu:

>
>
> I guess the only separation between connectivity between each antenna port
> is a relay, which probably doesn't give total isolation. I guess feeder and
> connector quality might have some influence if any signal could reach to
> the circuits though the common ground. I have not had a particular issue
> with the vast array of LDG tuners I have owned, but then I only operate
> SSB/CW.
>
> I guess the same thing could exist on antenna A/B ports on the radio
> itself. I wonder if it would help to replace the jumper wire from the
> socket to the PCB inside each antenna port on the Tuner with some decent
> coax.
>
> 73
>

> Mike
> M0SAZ
>
>
> ---In LDG-auto-tuners@yahoogroups.com, <steve.lenaghan@...> wrote :
>
> I have noticed during some dummy load tests that there is quite a bit of
> feed through from the inactive port (antenna) when the second port is
> connected to a load. Is this normal? The down side is that when operating
> MARS-ALE into dummy load the radio behaves like it was still connected to
> the antenna. For this and EMCOM work it could lead the operator to think
> he was not getting through.
>
>
> I have determined that the loss between terminals is about 20db and on

> JT65 this still allowed adequate signal decoding except for marginal
> stations.
>
>
> Steve CIW406
>
>

6967. Integrating a AT-600 Pro II with my FT-DX1200

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-10-10 13:33:10 UTC
From: n0xoc@...
Topic: 6967 Message: 6967

I am in the process of reconfiguring my shack. I've upgraded my rig to a Yaesu FT-DX1200 and will be adding a AL-811 600w amp. I need a tuner for this setup and am heavily leaning towards a AT-600 Pro II.

I've been using a YT-450 with a FT-450D, and now, the FT-DX1200. I like the ability to do a single button tune. What is the best way to integrate and operate this tuner? Is there a connection cable that I can buy or build that would integrate the FT-DX1200 to make the tuning process more efficient?

Thanks in advance for any information or suggestions.

73 de Eric - N0XOC

6968. Re: AT-100ProII port isolation

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-10-10 14:55:48 UTC
From: steve.lenaghan@...
Topic: 6962 Message: 6968

The radio is an FT897 and I don't have the VHF/UHF port connected so it is not radio related. Another issue is the memories. I operate mostly JT65 and some MARS channels, less than 50 max. When I am using ALE the tuner will decide, that a full tune is needed during sounding. With 2000 memories I expect this should not happen.

Steve VE5SR/CIW406

6969. Re: [LDG-auto-tuners] Re: AT-100ProII port isolation

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-10-10 16:04:33 UTC
From: Don Sanders
Topic: 6962 Message: 6969

Mine does that if I have the swr setting too low. I leave it at SWR 2 most of the time.

Dr. Don W4BWS

On Fri, Oct 10, 2014 at 9:55 AM, steve.lenaghan@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:

>
>
> The radio is an FT897 and I don't have the VHF/UHF port connected so it is
> not radio related. Another issue is the memories. I operate mostly JT65
> and some MARS channels, less than 50 max. When I am using ALE the tuner
> will decide, that a full tune is needed during sounding. With 2000
> memories I expect this should not happen.
>
>
> Steve VE5SR/CIW406
>
>
>

6970. Re: [LDG-auto-tuners] Integrating a AT-600 Pro II with my FT-DX1200

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-10-10 20:49:30 UTC
From: Terry Berkshire
Topic: 6967 Message: 6970

I would go to the LDG AT 1000 PROII. Never no when you might want to go to a bigger amp.

On Oct 10, 2014 10:47 AM, "n0xoc@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:

>
>
> I am in the process of reconfiguring my shack. I've upgraded my rig to a
> Yaesu FT-DX1200 and will be adding a AL-811 600w amp. I need a tuner for
> this setup and am heavily leaning towards a AT-600 Pro II.
>
>
> I've been using a YT-450 with a FT-450D, and now, the FT-DX1200. I like
> the ability to do a single button tune. What is the best way to integrate
> and operate this tuner? Is there a connection cable that I can buy or build
> that would integrate the FT-DX1200 to make the tuning process more
> efficient?
>
>
> Thanks in advance for any information or suggestions.
>
>
> 73 de Eric - N0XOC
>
>

6971. AT-897 Flashes 4 Times

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-10-18 02:46:54 UTC
From: evans@...
Topic: 6971 Message: 6971

When I attempt to tune, my AT-897 flashes 4 times. The manual says that it is losing RF in the middle of the tuning cycle. What can cause this? How should I troubleshoot it?

Thanks,
Evans
KK4TYW
73

6972. Successful all band antennas ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-10-18 17:18:26 UTC
From: rmckee1957@...
Topic: 6972 Message: 6972

Just wondering what antennas folks have used successfully for all band operation with the Z11 Pro 2 both portable and fixed operations ? Looking for details on building such antennas - links to diagrams, length charts, etc etc ?

6973. Re: [LDG-auto-tuners] Successful all band antennas ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-10-18 19:40:07 UTC
From: Jim Allen
Topic: 6972 Message: 6973

If you use balanced feedline, twin lead, ladder lead, etc., 130' works well, fed at the center. The tuner can match that pretty easily. The biggest factor is height, no matter how long or short, or how it is fed. Get it up high and in the clear and it will do quite well. It won't be like stacked monobanders at 120' no matter what, but much easier to carry to your site and put up!

I've had this a 32' at the center, drooping down to ~12-15' at the ends and worked all over on 5 watts.

73 de W6OGC Jim Allen

On Sat, Oct 18, 2014 at 11:18 AM, rmckee1957@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:

>
>
> Just wondering what antennas folks have used successfully for all band
> operation with the Z11 Pro 2 both portable and fixed operations ? Looking
> for details on building such antennas - links to diagrams, length charts,
> etc etc ?
>
>
>

6974. RE: Re: [LDG-auto-tuners] Successful all band antennas ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-10-19 01:11:09 UTC
From: bwhitej
Topic: 6972 Message: 6974

I have been using an Alpha ProMaster with my Yaseu 897 and matching Ldg tuner; neither are the D model. This antenna tunes from 6 meters to 160. Today was my first day with it but I was hitting Michigan, New York & Alabama from Fort Worth with about 8 watts (qrp) and getting 5-9 reports on 20 meters. So far I am happy with this antenna.

Sent from my Verizon Wireless Tablet"Jim Allen Jim.Allen@longhornband.net [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:If you use balanced feedline, twin lead, ladder lead, etc., 130' works well, fed at the center. The tuner can match that pretty easily. The biggest factor is height, no matter how long or short, or how it is fed. Get it up high and in the clear and it will do quite well. It won't be like stacked monobanders at 120' no matter what, but much easier to carry to your site and put up!

I've had this a 32' at the center, drooping down to ~12-15' at the ends and worked all over on 5 watts.

73 de W6OGC Jim Allen

On Sat, Oct 18, 2014 at 11:18 AM, rmckee1957@gmail.com [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:

Just wondering what antennas folks have used successfully for all band operation with the Z11 Pro 2 both portable and fixed operations ? Looking for details on building such antennas - links to diagrams, length charts, etc etc ?

6975. Re: Re: [LDG-auto-tuners] Successful all band antennas ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-10-19 09:09:36 UTC
From: Virgil Allmond
Topic: 6972 Message: 6975

http://www.eham.net/reviews/detail/4552
KK4VUZVirgil Allmond 305-744-3774 Home
770-617-0581 Cell

On Sunday, October 19, 2014 3:32 AM, "bwhitej bwhitej@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:

  I have been using an Alpha ProMaster with my Yaseu 897 and matching Ldg tuner; neither are the D model. This antenna tunes from 6 meters to 160. Today was my first day with it but I was hitting Michigan, New York & Alabama from Fort Worth with about 8 watts (qrp) and getting 5-9 reports on 20 meters. So far I am happy with this antenna.

Sent from my Verizon Wireless Tablet
"Jim Allen Jim.Allen@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:
  If you use balanced feedline, twin lead, ladder lead, etc., 130' works well, fed at the center. The tuner can match that pretty easily. The biggest factor is height, no matter how long or short, or how it is fed. Get it up high and in the clear and it will do quite well. It won't be like stacked monobanders at 120' no matter what, but much easier to carry to your site and put up!

I've had this a 32' at the center, drooping down to ~12-15' at the ends and worked all over on 5 watts.

73 de W6OGC Jim Allen

On Sat, Oct 18, 2014 at 11:18 AM, rmckee1957@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:

  Just wondering what antennas folks have used successfully for all band operation with the Z11 Pro 2 both portable and fixed operations ? Looking for details on building such antennas - links to diagrams, length charts, etc etc ?

6976. Memories?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-10-23 18:36:32 UTC
From: steve.lenaghan@...
Topic: 6976 Message: 6976

I am the middle of military ALE exercise and frustrated that quite a few channels that were 'put in memory' don't stay there and go back to long tune cycle. I have moved up the SWR threshold but still have problems.

Steve CIW406

6977. Old Z11 (new to me) modification and threshold

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-10-28 08:33:44 UTC
From: da6tec@...
Topic: 6977 Message: 6977

Hello all,

I have recently purchased a Z11 Auto tuner (second-hand) to use with my FT817, it is one of the older ones ... all black metal, 4 toggle switches, tune button and 4 LEDs.

I have 2 questions, that I have not been able to find answers to on this Group:

(1) It looks like a modification has been made to the rear of the unit ... an additional 3 way toggle switch (between the two x So239) and two x 2mm 'test sockets' next to the switch. Anyone have an idea what this might be for?

(2) When tuning on 2 bands (80m and 30m) the tuner lights the orange light (2.0) LED, when I press the Tune button the tuner then automatically find a better match and the green (<1.5) LED lights up. How can I set it up to find the best SWR automatically (like is does on the other bands)? My switch positions are:

Power 'Up' Auto 'Up' Cap 'Middle' Ind 'Middle' With the tuner was a leaflet for an upgrade to Firmware v1.6, I am assuming that is the firmware version I have.

Grateful for any advice / guidance.

73 Carl DA6TEC / M0ICR

6978. Re: [LDG-auto-tuners] Old Z11 (new to me) modification and threshold

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-10-28 14:48:33 UTC
From: Albert Woodhull
Topic: 6977 Message: 6978

I can only guess a purpose for the modification: the two test sockets could be for direct connection of an end fed antenna and counterpoise or a dipole without a feedline, as one might use for a portable operation. The switch could then transfer the output from the coax connector to the test sockets. You could try putting a dummy load on the normal output to see if the switch disconnects it, and then putting the dummy load between the test sockets and see if they function as output terminals in the other switch position.

The CAP and IND switches are spring loaded and always in the middle position except when pushed momentarily up or down, individually to tweak the capacitance or inductance, and down together to bypass the tuning elements.

I also use a Z-11 with an FT-817. I found that the FT-817's SWR indicator sometimes indicated a higher SWR than the Z-11 found automatically and by using the CAP and IND switches I could make the FT-817 see a better SWR and produce higher power output. I wrote to LDG and got instructions on how to calibrate the Z-11's internal SWR bridge using internal trimmer capacitors - I can send you additional info if you wish.

I did not systematically test the difference between the Z-11 and FT-817 SWR indications to see if it only happens on certain bands or with certain antennas.

Al Woodhull
N1AW
Leyden, Massachusetts
USA

From: "da6tec@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com>
To: LDG-auto-tuners@yahoogroups.com
Sent: Tuesday, October 28, 2014 4:33 AM
Subject: [LDG-auto-tuners] Old Z11 (new to me) modification and threshold

Hello all,

I have recently purchased a Z11 Auto tuner (second-hand) to use with my FT817, it is one of the older ones ... all black metal, 4 toggle switches, tune button and 4 LEDs.

I have 2 questions, that I have not been able to find answers to on this Group:

(1) It looks like a modification has been made to the rear of the unit ... an additional 3 way toggle switch (between the two x So239) and two x 2mm 'test sockets' next to the switch. Anyone have an idea what this might be for?

(2) When tuning on 2 bands (80m and 30m) the tuner lights the orange light (2.0) LED, when I press the Tune button the tuner then automatically find a better match and the green (<1.5) LED lights up. How can I set it up to find the best SWR automatically (like is does on the other bands)? My switch positions are:

* Power 'Up'
* Auto 'Up'
* Cap 'Middle'
* Ind 'Middle'
With the tuner was a leaflet for an upgrade to Firmware v1.6, I am assuming that is the firmware version I have.

Grateful for any advice / guidance.

73 Carl DA6TEC / M0ICR

6979. Re: Memories?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-10-30 06:26:22 UTC
From: michael@...
Topic: 6976 Message: 6979

Steve I wonder If electronically the antenna is changing i.e. in wet conditions. Or perhaps there is some stray RF making getting a fix problematic. Another thought I had was if the SWR at the frequencies you are trying to operate on are marginal, the tuner might opt for a full tune.

73

Mike
M0SAZ

6980. Re: Memories?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-10-30 23:00:35 UTC
From: steve.lenaghan@...
Topic: 6976 Message: 6980

I have a 135' OCF hung between two large pine trees (60') with insulators away from trees. It is mostly dry here so that is probably not an issue. It is fairly high off the ground and little to interact with up close.

As for stray RF, this is a tuner that is full of RF, and lots more when it is unturned. So if anything should be tolerant of RF it should be the tuner. Trying to deflect by blaming RF is not flying with me. I have worked on ¼ MW broadcast (821A2) that tolerates 30 KW of reflected power without jumping tuning.

I'm more concerned with RF leaking OUT the power cord than in.

I moved the threshold up past the SWR displayed and still get retunes. A military grade B&W Broadband is going up in the spring for ALE use.

73 Steve VE5SR

6981. Re: Memories?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-10-31 13:43:55 UTC
From: Terry Berkshire
Topic: 6976 Message: 6981

Speaking of RF. I have a AT 1000 PRO II. That has developed a issue of high SWR while running my amplifier. So I figured it was RF getting back into the tuner. I have a field strength meter in the shack and it shows no RF. I put ferrite beads on both feedlines and on the power cord. Also put a choke outside my shack. Nothing helped. I switched the antenna feedline to antenna 2 position and the issue is gone.
Can someone explain this to me?

This is the 2nd AT 1000 PRO II That has had a issue with ant. 1 position. The 1st one had a issue with the receive relay.

Terry K9PBR

6982. LDG Z100PLUS

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-10-31 18:29:33 UTC
From: m6nae55@...
Topic: 6982 Message: 6982

hello...

is there a way to reset the atu... to a factory state....
as I was wondering as the z100plus works on icom and yeasu radios
and wanted to put the tuner onto my yaesu ft450d....but all memories stored in the tuner will be from my other radio which is the yaesu ft897d....

thanks in advance...
7.3
Neil

6983. Re: [LDG-auto-tuners] LDG Z100PLUS

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-10-31 20:39:16 UTC
From: Jimmy (WB8NBI)
Topic: 6982 Message: 6983

No reset on LDG tuners. The memories in the tuner are for your antennas not the radio. The SWR will be the same on all radios give or take a little depending on the SWR circuit in the radio.

DE Jimmy (WB8NBI)

From: mailto:LDG-auto-tuners@yahoogroups.com
Sent: Friday, October 31, 2014 2:29 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] LDG Z100PLUS

hello...

is there a way to reset the atu... to a factory state....

as I was wondering as the z100plus works on icom and yeasu radios

and wanted to put the tuner onto my yaesu ft450d....but all memories stored in the tuner

will be from my other radio which is the yaesu ft897d....

thanks in advance...

7.3

Neil

6984. Re: [LDG-auto-tuners] LDG Z100PLUS

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-10-31 20:43:47 UTC
From: Craig
Topic: 6982 Message: 6984

Some of the early tuners had reset capability but it was removed in the more recent ones. I always felt it was a good idea for example if going to a completely different or new antenna. In actuality the tuner will still learn a new or different antenna and just overwrite the old memories.

Craig

> On Oct 31, 2014, at 4:39 PM, "'Jimmy \(WB8NBI\)' wb8nbi@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:
>
>
>
> No reset on LDG tuners. The memories in the tuner are for your antennas not the radio. The SWR will be the same on all radios give or take a little depending on the SWR circuit in the radio.
>
> DE Jimmy (WB8NBI)
>
> From: mailto:LDG-auto-tuners@yahoogroups.com
> Sent: Friday, October 31, 2014 2:29 PM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: [LDG-auto-tuners] LDG Z100PLUS
>
> hello...
>
>
>
> is there a way to reset the atu... to a factory state....
>
> as I was wondering as the z100plus works on icom and yeasu radios
>
> and wanted to put the tuner onto my yaesu ft450d....but all memories stored in the tuner
>
> will be from my other radio which is the yaesu ft897d....
>
>
>
> thanks in advance...
>
> 7.3
>
> Neil
>
>
>

>

6985. Re: LDG Z100PLUS

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-11-02 00:05:22 UTC
From: ldgyahoo@...
Topic: 6982 Message: 6985

Neil,

We've never seen a valid reason to provide a way to reset all the memories in the tuner. Since the tuner will fall through to a full tune anytime the memory recall does not provide a good match, each tune will reset the current setting if needed.

So it's exactly the same as if there were no memories at all when you change antennas.

Changing the radio (in theory) should make no difference at all.

Dwayne Kincaid
LDG

6986. 60 M tuning

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-11-02 19:05:14 UTC
From: wz3o@...
Topic: 6986 Message: 6986

Z100Plus will tune any freq, wont do 60M, doesn't even try rergradless of which tuning cycle I try ...
Any thoughts?
Cheers
Gary
wz3o

6987. add an swr bridge?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-11-01 14:21:11 UTC
From: wa2hso@...
Topic: 6987 Message: 6987

I HAVE Z11PROII & z100plus units
has any one added a simple swr bridge in-line between the radio and tuner ?
did it seem as close to accurate ?
any detrimental effects OR OTHER IDEAS ?

one more

will having the internal batteries AND an external p.s.
make problems ? i know the batteries will not charge
TNX....JOHN

6988. Re: [LDG-auto-tuners] 60 M tuning

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-11-02 19:19:03 UTC
From: Craig
Topic: 6986 Message: 6988

What type of antenna and feedline are you using?

73, Craig

> On Nov 2, 2014, at 2:05 PM, "wz3o@... [LDG-auto-tuners]"
<LDG-auto-tuners@yahoogroups.com> wrote:
>
>
>
> Z100Plus will tune any freq, wont do 60M, doesn't even try rergradless of which tuning
cycle I try ...
>
> Any thoughts?
>
> Cheers
>
> Gary
>
> wz3o
>
>
>
>

6989. Re: [LDG-auto-tuners] add an swr bridge?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-11-02 19:30:14 UTC
From: Craig
Topic: 6987 Message: 6989

My thought is that one may find a different SWR reading depending where the meter or tuner is placed within the transmission line.

Do you find that the SWR readings of the tuner and your radio, may disagree (on some bands they agree and on another they may not), depending on which HF band is used?

73, Craig

> On Nov 1, 2014, at 10:21 AM, "wa2hso@... [LDG-auto-tuners]"
<LDG-auto-tuners@yahoogroups.com> wrote:
>
>
>
> I HAVE Z11PROII & z100plus units
>
> has any one added a simple swr bridge in-line between the radio and tuner ?
>
> did it seem as close to accurate ?
>
> any detrimental effects OR OTHER IDEAS ?
>
>
>
> one more
>
> will having the internal batteries AND an external p.s.
>
> make problems ? i know the batteries will not charge
>
> TNX....JOHN
>
>
>
>

6990. Re: [LDG-auto-tuners] 60 M tuning

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-11-02 23:50:03 UTC
From: Chris Ruhl
Topic: 6986 Message: 6990

I have the same issue with my LDG AT-897 on 60M. This may or may not be the same issue as yours -- you have good antenna and feed line confirmed and the tuner doesn't seem to see RF to generate a match and won't do anything on 60M. The LDG tuner I have -- and yours might be the same in this sense -- sends an AM carrier after changing the radio's mode to AM automatically. We are limited to SSB and CW on the 60M band and my radio, at least, won't allow me to select any other modes so you are seemingly out of luck as my LDG tuner, at any event, can't be programmed to tune on anything but AM.

To generate a tune, I find an empty channel with no activity and either set my rig to CW or SSB, set the power to QRP level (no more than 20W in any event -- I run 100W max), start the tune process and then immediately tap out my call sign on the key or speak my call sign if using phone and then the tuner senses RF and starts to finds a match. I repeat my call as necessary until the tuner finds its match and stops and usually send out QRL? or "is this frequency in use" or simply "testing" or something like that.

You should not have to repeat this tune process if you change channels unless your antenna has a very narrow bandwidth on 60M.

Why LDG does not put this issue in the manual, I know not.

ciao,

Chris N3GBJ

6991. Re: [LDG-auto-tuners] 60 M tuning

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-11-02 19:25:13 UTC
From: wz3o@...
Topic: 6986 Message: 6991

Using an end fed wire with Torroid matching box abt 110' or a Cushcraft R-4, Coax on both rg8x...

As i said it wont even try, all other bands & freqs are great, this even tunes 160 on end fed....

6992. Re: [LDG-auto-tuners] 60 M tuning

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-11-02 23:58:15 UTC
From: Craig
Topic: 6986 Message: 6992

Sounds like more of an FCC regulation issue to me and the LDG tuner does a great job tuning on SSB or CW which are both way less than a full duty signal. How many tuners can tune while talking on SSB?

73,

Craig

> On Nov 2, 2014, at 6:50 PM, "Chris Ruhl cdruhl@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:
>
>
>
> I have the same issue with my LDG AT-897 on 60M. This may or may not be the same issue as yours -- you have good antenna and feed line confirmed and the tuner doesn't seem to see RF to generate a match and won't do anything on 60M. The LDG tuner I have -- and yours might be the same in this sense -- sends an AM carrier after changing the radio's mode to AM automatically. We are limited to SSB and CW on the 60M band and my radio, at least, won't allow me to select any other modes so you are seemingly out of luck as my LDG tuner, at any event, can't be programmed to tune on anything but AM.
>
> To generate a tune, I find an empty channel with no activity and either set my rig to CW or SSB, set the power to QRP level (no more than 20W in any event -- I run 100W max), start the tune process and then immediately tap out my call sign on the key or speak my call sign if using phone and then the tuner senses RF and starts to finds a match. I repeat my call as necessary until the tuner finds its match and stops and usually send out QRL? or "is this frequency in use" or simply "testing" or something like that.
>
> You should not have to repeat this tune process if you change channels unless your antenna has a very narrow bandwidth on 60M.
>
> Why LDG does not put this issue in the manual, I know not.
>
> ciao,
>
> Chris N3GBJ
>
>
>

6993. Re: [LDG-auto-tuners] 60 M tuning

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-11-03 00:17:30 UTC
From: Joe
Topic: 6986 Message: 6993

Is your transmitter capable of transmitting on the channelized 60 meter band? If the transmitter will not key up the antenna tuner will not tune.

73, Joe

On 11/2/2014 2:25 PM, wz3o@... [LDG-auto-tuners] wrote:
>
>
> Using an end fed wire with Torroid matching box abt 110' or a
> Cushcraft R-4, Coax on both rg8x...
>
> As i said it wont even try, all other bands & freqs are great, this
> even tunes 160 on end fed....
>
>

6994. Re: [LDG-auto-tuners] 60 M tuning

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-11-03 01:45:08 UTC
From: Bill Aycock
Topic: 6986 Message: 6994

Help me understand; How does the tuner know the difference between CW and unmodulated AM?
Bill—W4BSG

From: mailto:LDG-auto-tuners@yahoogroups.com
Sent: Sunday, November 02, 2014 5:50 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] 60 M tuning

I have the same issue with my LDG AT-897 on 60M. This may or may not be the same issue as yours -- you have good antenna and feed line confirmed and the tuner doesn't seem to see RF to generate a match and won't do anything on 60M. The LDG tuner I have -- and yours might be the same in this sense -- sends an AM carrier after changing the radio's mode to AM automatically. We are limited to SSB and CW on the 60M band and my radio, at least, won't allow me to select any other modes so you are seemingly out of luck as my LDG tuner, at any event, can't be programmed to tune on anything but AM.

To generate a tune, I find an empty channel with no activity and either set my rig to CW or SSB, set the power to QRP level (no more than 20W in any event -- I run 100W max), start the tune process and then immediately tap out my call sign on the key or speak my call sign if using phone and then the tuner senses RF and starts to finds a match. I repeat my call as necessary until the tuner finds its match and stops and usually send out QRL? or "is this frequency in use" or simply "testing" or something like that.

You should not have to repeat this tune process if you change channels unless your antenna has a very narrow bandwidth on 60M.

Why LDG does not put this issue in the manual, I know not.

ciao,

Chris N3GBJ

6995. Re: [LDG-auto-tuners] 60 M tuning

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-11-03 03:32:46 UTC
From: Don Sanders
Topic: 6986 Message: 6995

As Bill asked, what is the difference between CW key down and unmodulated AM?

I always tune my AT100 pro with 20 watts unmodulated AM and it always works perfectly.

Dr. Don W4BWS

On Sun, Nov 2, 2014 at 8:45 PM, 'Bill Aycock' billaycock@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:

>
>
> Help me understand; How does the tuner know the difference between CW
> and unmodulated AM?
> Bill—W4BSG
>
> *From:* mailto:LDG-auto-tuners@yahoogroups.com
> <LDG-auto-tuners@yahoogroups.com>
> *Sent:* Sunday, November 02, 2014 5:50 PM
> *To:* LDG-auto-tuners@yahoogroups.com
> *Subject:* Re: [LDG-auto-tuners] 60 M tuning
>
>
>
> I have the same issue with my LDG AT-897 on 60M. This may or may not
> be the same issue as yours -- you have good antenna and feed line
> confirmed and the tuner doesn't seem to see RF to generate a match and
> won't do anything on 60M. The LDG tuner I have -- and yours might be the
> same in this sense -- sends an AM carrier after changing the radio's mode
> to AM automatically. We are limited to SSB and CW on the 60M band and my
> radio, at least, won't allow me to select any other modes so you are
> seemingly out of luck as my LDG tuner, at any event, can't be programmed to
> tune on anything but AM.
>
> To generate a tune, I find an empty channel with no activity and either
> set my rig to CW or SSB, set the power to QRP level (no more than 20W in
> any event -- I run 100W max), start the tune process and then immediately
> tap out my call sign on the key or speak my call sign if using phone and
> then the tuner senses RF and starts to finds a match. I repeat my call as
> necessary until the tuner finds its match and stops and usually send out
> QRL? or "is this frequency in use" or simply "testing" or something like
> that.
>
> You should not have to repeat this tune process if you change channels
> unless your antenna has a very narrow bandwidth on 60M.

>
> Why LDG does not put this issue in the manual, I know not.
>
> ciao,
>
> Chris N3GBJ
>
>
>

6996. Re: 60 M tuning

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-11-03 08:20:01 UTC
From: ve5kc@...
Topic: 6986 Message: 6996

The tuner doesn't like your antenna on those frequencies.

For a test, try changing the length of the feed line from antenna to the tuner. This can make a difference in what SWR the tuner sees. The right length and the tuner may work on 60m. The down side to this, the antenna may not work on another band..

73.. Ken - VE5KC

---In LDG-auto-tuners@yahoogroups.com, <wz3o@...> wrote :

Z100Plus will tune any freq, wont do 60M, doesn't even try rergradless of which tuning cycle I try ...
Any thoughts?
Cheers
Gary
wz3o

6997. ldg atu for yaesu ft450d

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-11-05 17:25:48 UTC
From: m6nae55@...
Topic: 6997 Message: 6997

what would be the best ldg atu for the yaesu ft450d...BUT NOT THE LDG1200 as this uses the com port on the back of the radio....and I would not be able to to use hrd on my radio.....

thank's neil

6998. Re: [LDG-auto-tuners] ldg atu for yaesu ft450d

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-11-05 19:11:05 UTC
From: Craig
Topic: 6997 Message: 6998

Most LDG tuners have a serial passthrough port. I recommend to cross check the user manual. It will only interrupt HRD during an actual tune.

http://www.ldgelectronics.com/assets/manuals/YT1200Manual.pdf

Craig

> On Nov 5, 2014, at 12:25 PM, "m6nae55@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:
>
>
>
> what would be the best ldg atu for the yaesu ft450d...BUT NOT THE LDG1200 as this uses the com port on the back of the radio....and I would not be able to to use hrd on my radio.....
>
>
>
> thank's neil
>
>
>
>

6999. Threshold on Z11 Auto Tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-11-06 18:29:09 UTC
From: da6tec@...
Topic: 6999 Message: 6999

Old style Z11 (not pro)

I notice that it is possible to change the SWR threshold on the Z11 Pro versions (ie. that SWR level at which the tuner will autotune). On my Z11 it will not go into autotune unless the SWR is 3:1 or above - this is the version with 4 toggle switches and a row of LEDs - no function button.

I would very much like to reset to 2:1 or above. Is it possible?

Many thanks. 73 Carl

7000. Re: ldg atu for yaesu ft450d

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-11-07 06:36:48 UTC
From: ve5kc@...
Topic: 6997 Message: 7000

Any Tuner LDG that tunes with RF sensing will be fine. I prefer the Z11 Pro... I like having the ability to tweak match manually if required. Another advantage of tuners like the Z11 Pro, they are not dedicated to any specific radio brand. I've use mine with many brands of radios, always with great results. If you change radios your tuner is still good.

On your FT-450, program the CS button for tuning.. it will switch to CW and transmit a low power carrier. When the tuner senses the RF it will tune to the best SWR. No additional cable between the radio and tuner is required, only the coax. Works great..

73... Ken - VE5KC

---In LDG-auto-tuners@yahoogroups.com, <m6nae55@...> wrote :

what would be the best ldg atu for the yaesu ft450d...BUT NOT THE LDG1200 as this uses the com port on the back of the radio....and I would not be able to to use hrd on my radio.....

thank's neil

7001. Re: Threshold on Z11 Auto Tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-11-07 11:33:42 UTC
From: razvanfatu@...
Topic: 6999 Message: 7001

Holding the "Tune" button pressed for more than 3 seconds won't put it in forced tune mode like on the Z-100 ?

73 de Razvan (YO9IRF).

7002. LDG AT-600ProII Tuning Problems

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-11-07 18:03:22 UTC
From: Marty
Topic: 7002 Message: 7002

Greetings to the groups from a new kid, (not so much of a kid)

I had a thing happen to me the other night that I have no answer for, hopefully somebody in the group can help.
My station consists of the following:
Flex 5000A , Amertiron ALS-600 in the LDG AT-600ProII tuner into a 260ft loop at 30ft.

I was on 3523 listening for the FT4, all tuned up, etc ready to pounce. I finally heard him through the noisemakers (being nice), called and
my leds on the tuner went crazy. Checked the error message and said I was “overdriving it”.
Now I have been tuning at 20w since day 1.
On the Flex it is a tab setting that you click up/down arrows to set, so it is not something easily changed. I checked the tune setting in
the Flex and somehow the setting was changed to 100 watts. I reset it to 20w and from then on, I cannot get the tuner to find a match.
It goes through the tuning cycle but no match. What really bothers me is that I can power down/up the tuner on a strong signal (WWV)
and not see any difference in putting the tuner online or off. I tried this with several stations besides WWV. I can bypass the tuner and
see the same stations at the same signal strength. I went through the usual troubleshooting tactics i.e. changing coax, etc.
The kicker came when I remembered I had a Z-100plus autotuner in the closet, so out it came. I hooked it up and everything is running
smoothly. Made a couple q’s (unfortunately not the FT4) to check it out.
I have read the book and I cannot find anywhere where you can reset the tuner to factory defaults. Unplugged the tuner power with no success.
LDG is closed Fri, Sat and Sun , so no help is forthcoming from that end.
Has anyone experienced this happening or similar and any corrective actions?
Thanks very much and 73
Marty
W8AKS

7003. Re: [LDG-auto-tuners] LDG AT-600ProII Tuning Problems

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-11-07 21:06:49 UTC
From: Jimmy (WB8NBI)
Topic: 7002 Message: 7003

Tuning at 100 watts my have taken out some of the relays in the tuner. This my mean back to LDG for repair.

DE Jimmy (WB8NBI)

From: mailto:LDG-auto-tuners@yahoogroups.com
Sent: Friday, November 7, 2014 1:03 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] LDG AT-600ProII Tuning Problems

Greetings to the groups from a new kid, (not so much of a kid)

I had a thing happen to me the other night that I have no answer for, hopefully somebody in the group can help.
My station consists of the following:
Flex 5000A , Amertiron ALS-600 in the LDG AT-600ProII tuner into a 260ft loop at 30ft.

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It goes through the tuning cycle but no match. What really bothers me is that I can power down/up the tuner on a strong signal (WWV)
and not see any difference in putting the tuner online or off. I tried this with several stations besides WWV. I can bypass the tuner and
see the same stations at the same signal strength. I went through the usual troubleshooting tactics i.e. changing coax, etc.
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smoothly. Made a couple q’s (unfortunately not the FT4) to check it out.
I have read the book and I cannot find anywhere where you can reset the tuner to factory defaults. Unplugged the tuner power with no success.
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Has anyone experienced this happening or similar and any corrective actions?
Thanks very much and 73
Marty
W8AKS

7004. IC-751A cable for AT-100ProII ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-11-08 04:21:13 UTC
From: vmlist2@...
Topic: 7004 Message: 7004

Hi Folks,

I've searched until I am bleery eyed, but I can not find out how the radio inputs on this / these things are wired or what they expect.

The 751A outputs a reference voltage and a band voltage for an autotuner, but I just come up blank on what the LDG tuner expects.

The 751A may be too old for the cable to be effective and may not even matter with the auto-tune.

After all this searching efford, I'd love to know what the LDG expects.

Thanks MUCH!

7005. Re: [LDG-auto-tuners] IC-751A cable for AT-100ProII ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-11-08 05:19:39 UTC
From: Bill Aycock
Topic: 7004 Message: 7005

vmlist2--
The LDG AT 100 ProII has no control cable input. The only connections are power (low voltage DC), one RF (UHF connector) for the Transceiver, and two RF(UHF) connectors for two different Antennas.
Control is by buttons on the front; display is by LEDs. in action, the unit detects RF in, measures SWR, and makes adjustments according to the controls you set.
It should work well with your rig.
There are other LDG tuners that are partly dedicated to specific rigs and will control Mode and power level (by CAT control) for tuning.
Bill—W4BSG

From: mailto:LDG-auto-tuners@yahoogroups.com
Sent: Friday, November 07, 2014 10:21 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] IC-751A cable for AT-100ProII ?

Hi Folks,

I've searched until I am bleery eyed, but I can not find out how the radio inputs on this / these things are wired or what they expect.

The 751A outputs a reference voltage and a band voltage for an autotuner, but I just come up blank on what the LDG tuner expects.

The 751A may be too old for the cable to be effective and may not even matter with the auto-tune.

After all this searching efford, I'd love to know what the LDG expects.

Thanks MUCH!

7006. Re: [LDG-auto-tuners] IC-751A cable for AT-100ProII ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-11-08 05:27:13 UTC
From: Bill Aycock
Topic: 7004 Message: 7006

vmlist2--
I forgot to add the obvious avenue for help—LDG has manuals available for download on their site, and has one of the most responsive support services around. They're very good.
Bill—W4BSG

From: mailto:LDG-auto-tuners@yahoogroups.com
Sent: Friday, November 07, 2014 10:21 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] IC-751A cable for AT-100ProII ?

Hi Folks,

I've searched until I am bleery eyed, but I can not find out how the radio inputs on this / these things are wired or what they expect.

The 751A outputs a reference voltage and a band voltage for an autotuner, but I just come up blank on what the LDG tuner expects.

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After all this searching efford, I'd love to know what the LDG expects.

Thanks MUCH!

7007. Re: [LDG-auto-tuners] IC-751A cable for AT-100ProII ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-11-08 12:00:57 UTC
From: Craig
Topic: 7004 Message: 7007

The LDG tuner has a built in frequency counter, so there is no need for any band voltage from the 751A.

73, Craig

> On Nov 8, 2014, at 12:19 AM, "'Bill Aycock' billaycock@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:
>
>
>
> vmlist2--
> The LDG AT 100 ProII has no control cable input. The only connections are power (low voltage DC), one RF (UHF connector) for the Transceiver, and two RF(UHF) connectors for two different Antennas.
> Control is by buttons on the front; display is by LEDs. in action, the unit detects RF in, measures SWR, and makes adjustments according to the controls you set.
> It should work well with your rig.
> There are other LDG tuners that are partly dedicated to specific rigs and will control Mode and power level (by CAT control) for tuning.
> Bill—W4BSG
>
> From: mailto:LDG-auto-tuners@yahoogroups.com
> Sent: Friday, November 07, 2014 10:21 PM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: [LDG-auto-tuners] IC-751A cable for AT-100ProII ?
>
>
>
> Hi Folks,
>
> I've searched until I am bleery eyed, but I can not find out how the radio inputs on this / these things are wired or what they expect.
>
> The 751A outputs a reference voltage and a band voltage for an autotuner, but I just come up blank on what the LDG tuner expects.
>
> The 751A may be too old for the cable to be effective and may not even matter with the auto-tune.
>
> After all this searching efford, I'd love to know what the LDG expects.
>
> Thanks MUCH!
>
>
>

>
>

7008. Re: LDG AT-600ProII Tuning Problems

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-11-08 13:01:07 UTC
From: Robert Biamonte
Topic: 7002 Message: 7008

Marty,
I use the AT-600ProII with an Elecraft K3 and I had to set, through the Menu, the Tune Power to 4 watts to avoid exactly what you experienced.
Somewhere I read that the recommended tune power is a maximum of 5 watts.
Once the autotuner has established a number of settings for each band, I found it will take only a second or two for the tuning process to complete.
I tend to agree with Jimmy, that the high power, even at 20w may have caused something to burn out.

73,
Rob WB2OMW

7009. Z-817H vs CAT Problem

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-11-08 14:12:57 UTC
From: david@...
Topic: 7009 Message: 7009

Greetings! I have a system that no longer seems to function correctly, and the behavior is directly related to the presence of the tuner.

Specifically, I have an FT-817ND connected to a Z-817H auto-tuner and SignaLink. I am using an FTDI usb CAT cable. Everything worked perfectly in the before time. I've double-checked the settings and the cable attachments. The problem that I am having is that the CAT cable functions when plugged directly into the radio (HRD and N3FJP can connect and communicate in both directions) but when I have the tuner in line, HRD reports that it can't connect because it has 'failed to read the frequency'. If I open N3FJP, I can send commands to the radio, but I can't read anything from it.

Again, everything was functional previously (though I haven't used any computer functions in a couple months as I have been mainly doing CW and SSB in the field). The rig is on external power and the tuner has a fresh set of copper tops. Any thoughts would be appreciated. Thanks.

73 de dave, n9uxu

7010. Re: [LDG-auto-tuners] Re: LDG AT-600ProII Tuning Problems

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-11-08 17:09:00 UTC
From: Marty
Topic: 7002 Message: 7010

I am tending to agree with you and Jimmy. The Flex manual recommends 20w which is what I ran. How it got kicked to 100 is beyond me.
So decision time, repair or fire sale. Leaning toward fire sale.
Thanks all for the help. I appreciate it.
73
Marty
W8AKS

Sent from my iPad

> On Nov 8, 2014, at 8:01 AM, Robert Biamonte steamerone@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:
>
> Marty,
> I use the AT-600ProII with an Elecraft K3 and I had to set, through
> the Menu, the Tune Power to 4 watts to avoid exactly what you
> experienced.
> Somewhere I read that the recommended tune power is a maximum of 5
> watts.
> Once the autotuner has established a number of settings for each
> band, I found it will take only a second or two for the tuning
> process to complete.
> I tend to agree with Jimmy, that the high power, even at 20w may have
> caused something to burn out.
>
> 73,
> Rob WB2OMW
>

7011. Re: [LDG-auto-tuners] Z-817H vs CAT Problem

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-11-08 20:34:55 UTC
From: Hank Greeb
Topic: 7009 Message: 7011

Sounds to me that the DTR or RTS isn't functioning, or is being
blocked. Have you changed operating systems? For me, I have some USB
to COM adapters which will work with Windows XP but don't have a driver
for Windows 8.1. The manufacturer makes a newer version of the adapter
which will work with the later versions of Windows, but for now, I've
taken my Windows XP computer off of the WIFI connection, and manually
update the logging software.

72/73 de n8xx Hg
QRP >99.44% of the time
On 11/8/2014 9:12 AM, david@... [LDG-auto-tuners] wrote:
>
>
> Greetings! I have a system that no longer seems to function
> correctly, and the behavior is directly related to the presence of the
> tuner.
>
> Specifically, I have an FT-817ND connected to a Z-817H auto-tuner and
> SignaLink. I am using an FTDI usb CAT cable. Everything worked
> perfectly in the before time. I've double-checked the settings and
> the cable attachments. The problem that I am having is that the CAT
> cable functions when plugged directly into the radio (HRD and N3FJP
> can connect and communicate in both directions) but when I have the
> tuner in line, HRD reports that it can't connect because it has
> 'failed to read the frequency'. If I open N3FJP, I can send commands
> to the radio, but I can't read anything from it.
>
> Again, everything was functional previously (though I haven't used any
> computer functions in a couple months as I have been mainly doing CW
> and SSB in the field). The rig is on external power and the tuner has
> a fresh set of copper tops. Any thoughts would be appreciated. Thanks.
>
> 73 de dave, n9uxu
>
>
>
>
>

7012. Re: [LDG-auto-tuners] Re: LDG AT-600ProII Tuning Problems

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-11-08 13:38:10 UTC
From: shastrysns@...
Topic: 7002 Message: 7012

I use LDG pro at 600 pro with ICOM IC 7100.
I tune with cw mode at 60 watts. With standby mode of Amriton Als600 amplifier. Then after tune..go on air ..operate.
I purchased in April 2014
Vu2NSL...subu

On 8 Nov 2014 18:31, "Robert Biamonte steamerone@mac.com [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:

Marty,
I use the AT-600ProII with an Elecraft K3 and I had to set, through the Menu, the Tune Power to 4 watts to avoid exactly what you experienced.
Somewhere I read that the recommended tune power is a maximum of 5 watts.
Once the autotuner has established a number of settings for each band, I found it will take only a second or two for the tuning process to complete.
I tend to agree with Jimmy, that the high power, even at 20w may have caused something to burn out.

73,
Rob WB2OMW

7013. RE: [LDG-auto-tuners] Re: LDG AT-600ProII Tuning Problems

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-11-08 20:57:26 UTC
From: Bill Husted
Topic: 7002 Message: 7013

I've routinely been tuning it with 65 watts (that's the power used for my amplifier). The manual on the AT-600 Pro II says this:

"The AT-600Pro will not tune if the transmit power is over 150

watts, or if the transmit power exceeds 100 watts during high SWR conditions, in order to protect

the switching relays."

But it does recommend - if a rig doesn't have the ability to foldback at SWR to go no higher than 25 watts (although most, including mine, do foldback).

However, based on all these notes, I'll start reducing the tune power I use and will learn from this.

Bill KQ4YA

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com]
Sent: Saturday, November 08, 2014 12:09 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] Re: LDG AT-600ProII Tuning Problems

I am tending to agree with you and Jimmy. The Flex manual recommends 20w which is what I ran. How it got kicked to 100 is beyond me.

So decision time, repair or fire sale. Leaning toward fire sale.

Thanks all for the help. I appreciate it.

73

Marty

W8AKS

Sent from my iPad

On Nov 8, 2014, at 8:01 AM, Robert Biamonte steamerone@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:

Marty,
I use the AT-600ProII with an Elecraft K3 and I had to set, through the Menu, the Tune Power to 4 watts to avoid exactly what you experienced.
Somewhere I read that the recommended tune power is a maximum of 5 watts.
Once the autotuner has established a number of settings for each band, I found it will take only a second or two for the tuning

process to complete.
I tend to agree with Jimmy, that the high power, even at 20w may have caused something to burn out.

73,
Rob WB2OMW

7014. Re: [LDG-auto-tuners] Z-817H vs CAT Problem

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-11-08 21:42:55 UTC
From: Jimmy (WB8NBI)
Topic: 7009 Message: 7014

Make sure the CAT rate is set to 38400 in radio and the software. 38400 is the default rate for the tuner.

DE Jimmy (WB8NBI)

From: mailto:LDG-auto-tuners@yahoogroups.com
Sent: Saturday, November 8, 2014 9:12 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Z-817H vs CAT Problem

Greetings! I have a system that no longer seems to function correctly, and the behavior is directly related to the presence of the tuner.

Specifically, I have an FT-817ND connected to a Z-817H auto-tuner and SignaLink. I am using an FTDI usb CAT cable. Everything worked perfectly in the before time. I've double-checked the settings and the cable attachments. The problem that I am having is that the CAT cable functions when plugged directly into the radio (HRD and N3FJP can connect and communicate in both directions) but when I have the tuner in line, HRD reports that it can't connect because it has 'failed to read the frequency'. If I open N3FJP, I can send commands to the radio, but I can't read anything from it.

Again, everything was functional previously (though I haven't used any computer functions in a couple months as I have been mainly doing CW and SSB in the field). The rig is on external power and the tuner has a fresh set of copper tops. Any thoughts would be appreciated. Thanks.

73 de dave, n9uxu

7015. Re: [LDG-auto-tuners] Re: LDG AT-600ProII Tuning Problems

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-11-08 21:45:51 UTC
From: Jimmy (WB8NBI)
Topic: 7002 Message: 7015

I never use over 15 or 20 watts to tune. My amp only takes 20 watts in for 500 out.

DE Jimmy (WB8NBI)

From: mailto:LDG-auto-tuners@yahoogroups.com
Sent: Saturday, November 8, 2014 3:57 PM
To: LDG-auto-tuners@...m
Subject: RE: [LDG-auto-tuners] Re: LDG AT-600ProII Tuning Problems

I've routinely been tuning it with 65 watts (that's the power used for my amplifier). The manual on the AT-600 Pro II says this:

"The AT-600Pro will not tune if the transmit power is over 150

watts, or if the transmit power exceeds 100 watts during high SWR conditions, in order to protect

the switching relays."

But it does recommend - if a rig doesn't have the ability to foldback at SWR to go no higher than 25 watts (although most, including mine, do foldback).

However, based on all these notes, I'll start reducing the tune power I use and will learn from this.

Bill KQ4YA

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com]
Sent: Saturday, November 08, 2014 12:09 PM
To: LDG-auto-tuners@...m
Subject: Re: [LDG-auto-tuners] Re: LDG AT-600ProII Tuning Problems

I am tending to agree with you and Jimmy. The Flex manual recommends 20w which is what I ran. How it got kicked to 100 is beyond me.

So decision time, repair or fire sale. Leaning toward fire sale.

Thanks all for the help. I appreciate it.

73

Marty

W8AKS

Sent from my iPad

On Nov 8, 2014, at 8:01 AM, Robert Biamonte steamerone@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:

Marty,
I use the AT-600ProII with an Elecraft K3 and I had to set, through the Menu, the Tune Power to 4 watts to avoid exactly what you experienced.
Somewhere I read that the recommended tune power is a maximum of 5 watts.
Once the autotuner has established a number of settings for each band, I found it will take only a second or two for the tuning process to complete.
I tend to agree with Jimmy, that the high power, even at 20w may have caused something to burn out.

73,
Rob WB2OMW

7016. Re: [LDG-auto-tuners] Re: LDG AT-600ProII Tuning Problems

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-11-08 23:35:42 UTC
From: Bill Aycock
Topic: 7002 Message: 7016

Marty--
If you decide to sell, let me know ($$, shipped to 35761)
Bill—W4BSG

From: mailto:LDG-auto-tuners@yahoogroups.com
Sent: Saturday, November 08, 2014 11:09 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] Re: LDG AT-600ProII Tuning Problems

I am tending to agree with you and Jimmy. The Flex manual recommends 20w which is what I ran. How it got kicked to 100 is beyond me.
So decision time, repair or fire sale. Leaning toward fire sale.
Thanks all for the help. I appreciate it.
73
Marty
W8AKS

Sent from my iPad

On Nov 8, 2014, at 8:01 AM, Robert Biamonte steamerone@... [LDG-auto-tuners] <LDG-auto-tuners@...m> wrote:

Marty,
I use the AT-600ProII with an Elecraft K3 and I had to set, through the Menu, the Tune Power to 4 watts to avoid exactly what you experienced.
Somewhere I read that the recommended tune power is a maximum of 5 watts.
Once the autotuner has established a number of settings for each band, I found it will take only a second or two for the tuning process to complete.
I tend to agree with Jimmy, that the high power, even at 20w may have caused something to burn out.

73,
Rob WB2OMW

7017. Re: [LDG-auto-tuners] Z-817H vs CAT Problem

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-11-09 01:17:52 UTC
From: David Adams
Topic: 7009 Message: 7017

It is. Checked and triple-checked.

Dave
On 11/8/2014 4:42 PM, 'Jimmy (WB8NBI)' wb8nbi@...
[LDG-auto-tuners] wrote:
>
> Make sure the CAT rate is set to 38400 in radio and the software.
> 38400 is the default rate for the tuner.
> DE Jimmy (WB8NBI)
> *From:* mailto:LDG-auto-tuners@yahoogroups.com
> *Sent:* Saturday, November 8, 2014 9:12 AM
> *To:* LDG-auto-tuners@yahoogroups.com
> <mailto:LDG-auto-tuners@yahoogroups.com>
> *Subject:* [LDG-auto-tuners] Z-817H vs CAT Problem
>
> Greetings! I have a system that no longer seems to function
> correctly, and the behavior is directly related to the presence of the
> tuner.
>
> Specifically, I have an FT-817ND connected to a Z-817H auto-tuner and
> SignaLink. I am using an FTDI usb CAT cable. Everything worked
> perfectly in the before time. I've double-checked the settings and
> the cable attachments. The problem that I am having is that the CAT
> cable functions when plugged directly into the radio (HRD and N3FJP
> can connect and communicate in both directions) but when I have the
> tuner in line, HRD reports that it can't connect because it has
> 'failed to read the frequency'. If I open N3FJP, I can send commands
> to the radio, but I can't read anything from it.
>
> Again, everything was functional previously (though I haven't used any
> computer functions in a couple months as I have been mainly doing CW
> and SSB in the field). The rig is on external power and the tuner has
> a fresh set of copper tops. Any thoughts would be appreciated. Thanks.
>
> 73 de dave, n9uxu
>
>
>

7018. Re: [LDG-auto-tuners] Z-817H vs CAT Problem

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-11-09 01:19:40 UTC
From: David Adams
Topic: 7009 Message: 7018

I did have to go up to win8.1 when the win7 computer went belly up, but:
1) The FTDI driver is good for win8.1, so it should work
2) I tested the system a few times after switching to 8 and it was
fine. It's just now stopped being fine.

Dave
On 11/8/2014 3:34 PM, Hank Greeb n8xx@... [LDG-auto-tuners] wrote:
>
>
> Sounds to me that the DTR or RTS isn't functioning, or is being
> blocked. Have you changed operating systems? For me, I have some USB
> to COM adapters which will work with Windows XP but don't have a
> driver for Windows 8.1. The manufacturer makes a newer version of the
> adapter which will work with the later versions of Windows, but for
> now, I've taken my Windows XP computer off of the WIFI connection, and
> manually update the logging software.
>
> 72/73 de n8xx Hg
> QRP >99.44% of the time
>
> On 11/8/2014 9:12 AM, david@... [LDG-auto-tuners] wrote:
>> Greetings! I have a system that no longer seems to function
>> correctly, and the behavior is directly related to the presence of
>> the tuner.
>>
>> Specifically, I have an FT-817ND connected to a Z-817H auto-tuner and
>> SignaLink. I am using an FTDI usb CAT cable. Everything worked
>> perfectly in the before time. I've double-checked the settings and
>> the cable attachments. The problem that I am having is that the CAT
>> cable functions when plugged directly into the radio (HRD and N3FJP
>> can connect and communicate in both directions) but when I have the
>> tuner in line, HRD reports that it can't connect because it has
>> 'failed to read the frequency'. If I open N3FJP, I can send commands
>> to the radio, but I can't read anything from it.
>>
>> Again, everything was functional previously (though I haven't used
>> any computer functions in a couple months as I have been mainly doing
>> CW and SSB in the field). The rig is on external power and the tuner
>> has a fresh set of copper tops. Any thoughts would be appreciated.
>> Thanks.
>>
>> 73 de dave, n9uxu
>>
>>
>

>

7019. Re: [LDG-auto-tuners] IC-751A cable for AT-100ProII ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-11-09 07:54:31 UTC
From: vmlist2@...
Topic: 7004 Message: 7019

Thanks for the responses folks, turns out it really doesn't matter, the AT-100ProII just takes care of business.

I did look in the manuals, either over my head or nothing pertaining to what the radio connector expects. This proII does indeed have a jack on the rear bottom right (facing the rear), just to the left of the power connector marked "RADIO" (not an RF connector).

Played with it a bit tonight, I think I am in love :-).

Tnx es 73, V.

7020. Re: [LDG-auto-tuners] Re: LDG AT-600ProII Tuning Problems

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-11-09 01:55:18 UTC
From: shastrysns@...
Topic: 7002 Message: 7020

On 8 Nov 2014 19:08, shastrysns@yahoo.com wrote:
I use LDG pro at 600 pro with ICOM IC 7100.
I tune with cw mode at 60 watts. With standby mode of Amriton Als600 amplifier. Then after tune..go on air ..operate.
I purchased in April 2014
Vu2NSL...subu

On 8 Nov 2014 18:31, "Robert Biamonte steamerone@mac.com [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:

Marty,
I use the AT-600ProII with an Elecraft K3 and I had to set, through the Menu, the Tune Power to 4 watts to avoid exactly what you experienced.
Somewhere I read that the recommended tune power is a maximum of 5 watts.
Once the autotuner has established a number of settings for each band, I found it will take only a second or two for the tuning process to complete.
I tend to agree with Jimmy, that the high power, even at 20w may have caused something to burn out.

73,
Rob WB2OMW

7021. Re: [LDG-auto-tuners] Z-817H vs CAT Problem

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-11-09 12:36:24 UTC
From: John DeGood
Topic: 7009 Message: 7021

Dave, if you don't have a genuine FTDI cable, you may have encountered this:

http://www.theregister.co.uk/2014/10/24/ftdi_bricking_driver_response/

73, John NU3E

On 11/8/2014 8:19 PM, David Adams david@...
[LDG-auto-tuners] wrote:
>
>
> I did have to go up to win8.1 when the win7 computer went belly up, but:
> 1) The FTDI driver is good for win8.1, so it should work
> 2) I tested the system a few times after switching to 8 and it was
> fine. It's just now stopped being fine.
>
> Dave
>
> On 11/8/2014 3:34 PM, Hank Greeb n8xx@... [LDG-auto-tuners] wrote:
>>
>>
>>
>> Sounds to me that the DTR or RTS isn't functioning, or is being
>> blocked. Have you changed operating systems? For me, I have some
>> USB to COM adapters which will work with Windows XP but don't have a
>> driver for Windows 8.1. The manufacturer makes a newer version of
>> the adapter which will work with the later versions of Windows, but
>> for now, I've taken my Windows XP computer off of the WIFI
>> connection, and manually update the logging software.
>>
>> 72/73 de n8xx Hg
>> QRP >99.44% of the time
>>
>> On 11/8/2014 9:12 AM, david@... [LDG-auto-tuners] wrote:
>>> Greetings! I have a system that no longer seems to function
>>> correctly, and the behavior is directly related to the presence of
>>> the tuner.
>>>
>>> Specifically, I have an FT-817ND connected to a Z-817H auto-tuner
>>> and SignaLink. I am using an FTDI usb CAT cable. Everything worked
>>> perfectly in the before time. I've double-checked the settings and
>>> the cable attachments. The problem that I am having is that the CAT
>>> cable functions when plugged directly into the radio (HRD and N3FJP
>>> can connect and communicate in both directions) but when I have the
>>> tuner in line, HRD reports that it can't connect because it has
>>> 'failed to read the frequency'. If I open N3FJP, I can send
>>> commands to the radio, but I can't read anything from it.

>>>
>>> Again, everything was functional previously (though I haven't used
>>> any computer functions in a couple months as I have been mainly
>>> doing CW and SSB in the field). The rig is on external power and
>>> the tuner has a fresh set of copper tops. Any thoughts would be
>>> appreciated. Thanks.
>>>
>>> 73 de dave, n9uxu
>>>
>>>
>>
>
>

7022. Re: [LDG-auto-tuners] Z-817H vs CAT Problem

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-11-09 14:01:27 UTC
From: David Adams
Topic: 7009 Message: 7022

No, I do have that driver update, but the chip still reports the proper
PID, and as I say, works fine when I take the tuner out of the loop.
They only thing I can figure is that maybe the radio to tuner cable has
gone belly up, and I've ordered a replacement.

73 de dave, n9uxu
On 11/9/2014 7:36 AM, John DeGood bulk@... [LDG-auto-tuners] wrote:
>
> Dave, if you don't have a genuine FTDI cable, you may have encountered
> this:
>
> http://www.theregister.co.uk/2014/10/24/ftdi_bricking_driver_response/
>
> 73, John NU3E
>
> On 11/8/2014 8:19 PM, David Adams david@...
> [LDG-auto-tuners] wrote:
>>
>> I did have to go up to win8.1 when the win7 computer went belly up, but:
>> 1) The FTDI driver is good for win8.1, so it should work
>> 2) I tested the system a few times after switching to 8 and it was
>> fine. It's just now stopped being fine.
>>
>> Dave
>>
>> On 11/8/2014 3:34 PM, Hank Greeb n8xx@... [LDG-auto-tuners] wrote:
>>>
>>>
>>> Sounds to me that the DTR or RTS isn't functioning, or is being
>>> blocked. Have you changed operating systems? For me, I have some
>>> USB to COM adapters which will work with Windows XP but don't have a
>>> driver for Windows 8.1. The manufacturer makes a newer version of
>>> the adapter which will work with the later versions of Windows, but
>>> for now, I've taken my Windows XP computer off of the WIFI
>>> connection, and manually update the logging software.
>>>
>>> 72/73 de n8xx Hg
>>> QRP >99.44% of the time
>>>
>>> On 11/8/2014 9:12 AM, david@... [LDG-auto-tuners] wrote:
>>>> Greetings! I have a system that no longer seems to function
>>>> correctly, and the behavior is directly related to the presence of
>>>> the tuner.
>>>>
>>>> Specifically, I have an FT-817ND connected to a Z-817H auto-tuner

>>>> and SignaLink. I am using an FTDI usb CAT cable. Everything
>>>> worked perfectly in the before time. I've double-checked the
>>>> settings and the cable attachments. The problem that I am having
>>>> is that the CAT cable functions when plugged directly into the
>>>> radio (HRD and N3FJP can connect and communicate in both
>>>> directions) but when I have the tuner in line, HRD reports that it
>>>> can't connect because it has 'failed to read the frequency'. If I
>>>> open N3FJP, I can send commands to the radio, but I can't read
>>>> anything from it.
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>>>> Again, everything was functional previously (though I haven't used
>>>> any computer functions in a couple months as I have been mainly
>>>> doing CW and SSB in the field). The rig is on external power and
>>>> the tuner has a fresh set of copper tops. Any thoughts would be
>>>> appreciated. Thanks.
>>>>
>>>> 73 de dave, n9uxu
>>>>
>>>>
>>>
>>
>
>

7023. Re: [LDG-auto-tuners] Re: LDG AT-600ProII Tuning Problems

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-11-10 19:27:10 UTC
From: Marty
Topic: 7002 Message: 7023

Hi Bill,
I have decided to sell the tuner. As you requested, you are getting first crack at it.
Now as far as pricing goes, this is what I found R&L values a working tuner at 175.00.
Obviously, I would not expect anything like that.
I am a believer in that if you treat people fairly, they will do the same.
Bottom line, make me a fair and reasonable offer and we will go from there. I have not been able to find out the cost of a individual relay, so I could price it out.
As far as shipping goes, 15.00 should cover it, if more I will eat it, if less, you will get the difference.
Think it over, no hurry. The tuner is not going anyplace.
73
Marty
W8AKS

Sent from my iPad

> On Nov 8, 2014, at 6:35 PM, 'Bill Aycock' billaycock@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:
>
> Marty--
> If you decide to sell, let me know ($$, shipped to 35761)
> Bill—W4BSG

>
> From: mailto:LDG-auto-tuners@yahoogroups.com
> Sent: Saturday, November 08, 2014 11:09 AM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: Re: [LDG-auto-tuners] Re: LDG AT-600ProII Tuning Problems
>
>
>
> I am tending to agree with you and Jimmy. The Flex manual recommends 20w which is what I ran. How it got kicked to 100 is beyond me.
> So decision time, repair or fire sale. Leaning toward fire sale.
> Thanks all for the help. I appreciate it.
> 73
> Marty
> W8AKS
>
> Sent from my iPad
>
>> On Nov 8, 2014, at 8:01 AM, Robert Biamonte steamerone@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:
>>
>>
>> Marty,

>> I use the AT-600ProII with an Elecraft K3 and I had to set, through
>> the Menu, the Tune Power to 4 watts to avoid exactly what you
>> experienced.
>> Somewhere I read that the recommended tune power is a maximum of 5
>> watts.
>> Once the autotuner has established a number of settings for each
>> band, I found it will take only a second or two for the tuning
>> process to complete.
>> I tend to agree with Jimmy, that the high power, even at 20w may have
>> caused something to burn out.
>>
>> 73,
>> Rob WB2OMW
>
>

7024. Re: [LDG-auto-tuners] Z-817H vs CAT Problem

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-11-12 01:05:07 UTC
From: David Adams
Topic: 7009 Message: 7024

Thanks for all the help guys. Turns out a replacement cable jumpering ACC to the Radio port on the tuner solved the problem.

Dave

7025. AT 100 PRO2, SWR intermittently flashes to "over" on 20 m and ok on 40 m

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-11-12 14:50:14 UTC
From: kd2alv@...
Topic: 7025 Message: 7025

Bought AT 100 PRO2 AUTOTUNER less than two years ago and the SWR on the tuner intermittently flashes to “over” when the freq is 14.070. When I take tuner off, the antenna is resonant and my Icom 7000 has a one to one. Tried a reset Func Ant and Tune and I get the same results. Interestingly enough, when I am on 7.040 I do not have that problem.

Thanks in advance,

Dan
kd2alv
hk3dc

7026. Re: [LDG-auto-tuners] AT 100 PRO2, SWR intermittently flashes to "over" on 20 m and ok on 40 m

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-11-12 21:43:11 UTC
From: Jimmy (WB8NBI)
Topic: 7025 Message: 7026

Auto tuners sometimes do funny thing when used where not needed.

DE Jimmy (WB8NBI)

From: mailto:LDG-auto-tuners@yahoogroups.com
Sent: Wednesday, November 12, 2014 9:50 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] AT 100 PRO2, SWR intermittently flashes to "over" on 20 m and ok on 40 m

Bought AT 100 PRO2 AUTOTUNER less than two years ago and the SWR on the tuner intermittently flashes to “over” when the freq is 14.070. When I take tuner off, the antenna is resonant and my Icom 7000 has a one to one. Tried a reset Func Ant and Tune and I get the same results. Interestingly enough, when I am on 7.040 I do not have that problem.

Thanks in advance,

Dan

kd2alv

hk3dc

7027. Interface

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-11-17 07:44:44 UTC
From: Bob Pelling
Topic: 7027 Message: 7027

I have an AT-100Pro Tuner and an FT-840 Radio. Does anyone have a schematic for the LDG interface that LDG used to produce for this? Better yet does anyone have an interface they are willing to part with at a reasonable price?
Tnx in advance

vy 73 de Bob VE3XNB ve3xnb@...
FP-1852, NAQCC-2607, SKCC 7708, ARRL, RAC, CCO, NEQRP, KWARC, GARC, CANWARN-1141

7028. Re: [LDG-auto-tuners] Interface

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-11-17 13:27:10 UTC
From: Don Sanders
Topic: 7027 Message: 7028

I have the same setup. There was never a Yaesu cable for the FT840. It was an older radio. The tuner works very well with just rf applied to start the tuning.I set the radio to AM for 20 watts for tuning.

Dr. Don W4BWS

On Mon, Nov 17, 2014 at 2:44 AM, Bob Pelling ve3xnb@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:

>
>
> I have an AT-100Pro Tuner and an FT-840 Radio. Does anyone have a
> schematic for the LDG interface that LDG used to produce for this? Better
> yet does anyone have an interface they are willing to part with at a
> reasonable price?
>
> Tnx in advance
>
> vy 73 de Bob VE3XNB ve3xnb@...
> FP-1852, NAQCC-2607, SKCC 7708, ARRL, RAC, CCO, NEQRP, KWARC, GARC,
> CANWARN-1141
>
>
>
>
>
>
>

7029. "OLD" (Original) Z-11 Power Ratings

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-11-17 07:54:57 UTC
From: k7hi.mm@...
Topic: 7029 Message: 7029

My Z-11 has the firmware upgrade and performs flawlessly. It's rated 30 Watts continuous and 60 watts intermittent. I always tune at 5 Watts (or less) and observe the "30 Watt continuous" rating.

On SSB voice, my FT-857D (100 Watt) is producing ONLY 15-20% "average power," (less than 30 Watts), typical for SSB voice service. So I don't see that running 100 Watts PEP into a matched antenna through the Z-11 would exceed "30 Watts continuous" limitation. Also, some current production LDG tuners, rated at 100 Watts+ PEP, are limited to 30 Watts on PSK, a nearly continuous duty mode.

Any comments or guidance on power limits and component/relay voltage ratings in the ORIGINAL Z-11 will be appreciated.

Thanks/73,
Howard, K7HI
K7HI Callsign Page http://www.qrz.com/db/k7hi

http://www.qrz.com/db/k7hi

K7HI Callsign Page http://www.qrz.com/db/k7hi H I SHIEBER, K7HI personal biography

View on www.qrz.com http://www.qrz.com/db/k7hi
Preview by Yahoo

7030. RE: [LDG-auto-tuners] AT 100 PRO2, SWR intermittently flashes to "over" on 20 m and ok on 40 m

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-11-17 12:53:30 UTC
From: Guy Langlois
Topic: 7025 Message: 7030

Is 'Func' 'Ant' 'Tune' (all at the same time I am assuming) an official way to reset these tuners?

73,
Guy

From: LDG-auto-tuners@yahoogroups.com
To: LDG-auto-tuners@yahoogroups.com
Date: Wed, 12 Nov 2014 06:50:14 -0800
Subject: [LDG-auto-tuners] AT 100 PRO2, SWR intermittently flashes to "over" on 20 m and ok on 40 m

Bought AT 100 PRO2 AUTOTUNER less than two years ago and the SWR on the tuner intermittently flashes to “over” when the freq is 14.070. When I take tuner off, the antenna is resonant and my Icom 7000 has a one to one. Tried a reset Func Ant and Tune and I get the same results. Interestingly enough, when I am on 7.040 I do not have that problem.

Thanks in advance,

Dan
kd2alv
hk3dc

7031. Re: [LDG-auto-tuners] AT 100 PRO2, SWR intermittently flashes to "over" on 20 m and ok on 40 m

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-11-17 15:45:31 UTC
From: Jimmy (WB8NBI)
Topic: 7025 Message: 7031

There is no reset function on the newer LDG tuners that I know of. I am sure someone will let me know if I am wrong.

DE Jimmy (WB8NBI)

From: mailto:LDG-auto-tuners@yahoogroups.com
Sent: Monday, November 17, 2014 7:53 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: RE: [LDG-auto-tuners] AT 100 PRO2, SWR intermittently flashes to "over" on 20 m and ok on 40 m

Is 'Func' 'Ant' 'Tune' (all at the same time I am assuming) an official way to reset these tuners?

73,
Guy

From: LDG-auto-tuners@yahoogroups.com
To: LDG-auto-tuners@yahoogroups.com
Date: Wed, 12 Nov 2014 06:50:14 -0800
Subject: [LDG-auto-tuners] AT 100 PRO2, SWR intermittently flashes to "over" on 20 m and ok on 40 m

Bought AT 100 PRO2 AUTOTUNER less than two years ago and the SWR on the tuner intermittently flashes to “over” when the freq is 14.070. When I take tuner off, the antenna is resonant and my Icom 7000 has a one to one. Tried a reset Func Ant and Tune and I get the same results. Interestingly enough, when I am on 7.040 I do not have that problem.

Thanks in advance,

Dan
kd2alv
hk3dc

7032. LDG AT-200 PRO

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-11-17 14:01:18 UTC
From: Edouard Pomaroli
Topic: 2917 Message: 7032

Hello, I have an AT-200 PRO, not the PRO II. The previous owner messed-up the settings of the 2 Trimmers, for Forward and Reverse . The Firmware is actual, V1.3. Any idea how to adjust these 2 poti's . Any advice would be welcome. vy 73 de DJ2MT Eddy

7033. RE: [LDG-auto-tuners] LDG AT-200 PRO

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-11-18 12:50:12 UTC
From: Guy Langlois
Topic: 2917 Message: 7033

Hi Eddy,

If you don't get an answer, you can always contact Dwayne at LDG. He is very good about replying.

73,
Guy

From: LDG-auto-tuners@yahoogroups.com
To: LDG-auto-tuners@yahoogroups.com
Date: Mon, 17 Nov 2014 15:01:18 +0100
Subject: [LDG-auto-tuners] LDG AT-200 PRO

Hello, I have an AT-200 PRO, not the PRO II. The previous owner

messed-up the settings of the 2 Trimmers, for Forward and Reverse . The

Firmware is actual, V1.3. Any idea how to adjust these 2 poti's .

Any advice would be welcome. vy 73 de DJ2MT Eddy

7034. Re: [LDG-auto-tuners] LDG AT-200 PRO

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-11-18 15:39:26 UTC
From: Edouard Pomaroli
Topic: 2917 Message: 7034

Hello Guy,

I did contact LDG by email, and I got 2 replies within 1 day. I know now how to adjust the Poti's and the C-Trimmer. Very helpfull and efficient this company.I think it was Dwayne who replied, but he did not sign the message.
Thanks for your mail.
vy73 de DJ2MT
Eddy.

On 18.11.2014 13:50, Guy Langlois va3guy@... [LDG-auto-tuners] wrote:
>
> Hi Eddy,
>
> If you don't get an answer, you can always contact Dwayne at LDG. He
> is very good about replying.
>
> 73,
> Guy
>
> ---
> From: LDG-auto-tuners@yahoogroups.com
> To: LDG-auto-tuners@yahoogroups.com
> Date: Mon, 17 Nov 2014 15:01:18 +0100
> Subject: [LDG-auto-tuners] LDG AT-200 PRO
>
> Hello, I have an AT-200 PRO, not the PRO II. The previous owner
> messed-up the settings of the 2 Trimmers, for Forward and Reverse . The
> Firmware is actual, V1.3. Any idea how to adjust these 2 poti's .
> Any advice would be welcome. vy 73 de DJ2MT Eddy
>
>

7035. AT-7000

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-11-18 18:35:32 UTC
From: john_w4jml@...
Topic: 1968 Message: 7035

HI GUY'S,

I AM NEW HERE AND I JUST BOUGHT THIS AT-7000 FROM THE CLUB, IT WAS NEW IN THE BOX AND I AM THE FIRST TO USE IT AT ALL. MY PROBLEM IS THAT I AM USING AN ICOM-756 PRO BUT THE TUNER WILL NOT TUNE, I HAVE CHECKED THE COAX AND THE SMALL CABLE THAT HOOKS UP TO THE RADIO BUT IT WILL NOT TUNE IS THERE SOMETHING THAT I AM DOING WRONG.

THANKS,
JOHN - W4JML
john_w4jml@verizon.net

7036. Re: AT-7000

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-11-19 09:23:21 UTC
From: ve5kc@...
Topic: 1968 Message: 7036

The tuner should work with your radio...

This seems to be the most common problem:

Are you using Antenna connector #1?

- Only antenna #1 is uses the external tuner.
- Antenna #2 will uses the internal tuner when the external tuner is connected.

With the external tuner connected, the radio should show "EXT" on ANT #1 and by-passes the internal tuner.

73.. Ken - VE5KC

7037. Z-11Pro II Max Power into Mis-matched Load

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-11-19 23:40:23 UTC
From: pappaswa@...
Topic: 7037 Message: 7037

I am running a Z-11Pro II into a 36 ft doublet feed with 12 ft of ~300 Ohm ladder line off of a LDG 1:1 current balun that is screwed directly into the back of the tuner through a PL-259 double male adapter. My original intent was to use this on 20M and up, but found -- to my pleasent surprise -- that the tuner would match on 40M as well. At 40M the setup above is closer to 1/4 wave doublet which I know isn't terribly efficient. Do I run any risk of burning up to tuner in a set up like this? Said another way, if it finds a match will it operation safely to its specs, i.e. 100 W SSB and 30 W packet? I've already made a 40 M contact on SSB running a modest 20 W, so I know it is getting some amout of signal out.

7038. yaesu ft450d ldg atu....

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-11-21 20:22:25 UTC
From: m6nae55@...
Topic: 7038 Message: 7038

hi ..
I have a yaesu ft450d and I am looking for a ldg tuner for my radio ...but not the ldg yt-1200 ... has anybody got any thoughts

thanks neil

7039. Re: [LDG-auto-tuners] yaesu ft450d ldg atu....

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-11-22 01:13:36 UTC
From: Brian Denley
Topic: 7038 Message: 7039

What about the LDG YT-450? It's made specifically for your transceiver.

Brian KB1VBF

Sent from my iPad

> On Nov 21, 2014, at 3:22 PM, m6nae55@gmail.com [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:
>
> hi ..
>
> I have a yaesu ft450d and I am looking for a ldg tuner for my radio ...but not the ldg yt-1200 ... has anybody got any thoughts
>
>
>
> thanks neil
>
>

7040. Re: yaesu ft450d ldg atu....

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-11-22 04:53:59 UTC
From: ve5kc@...
Topic: 7038 Message: 7040

Hi Neil,

The FT-450 has a nice option that lets you program the CS button for tuning an external tuner and/or amplifier.

I use this set up with an LDG Z11 pro tuner.. Works great.. press CS the radio switches to CW and puts out a 10 watt carrier. No special cable needs to be connected to the radio, only the coax.

You do not need a radio or brand specific tuner. Use a generic tuner that will work with any radio. You can use any auto tuner that uses RF sensing to tune. I like the Z11 pro as it has a wider tuning range than some other tuners. I have two of them and have not found anything I can't tune..

73.. Ken - VE5KC

---In LDG-auto-tuners@yahoogroups.com, <m6nae55@...> wrote :

hi ..
I have a yaesu ft450d and I am looking for a ldg tuner for my radio ...but not the ldg yt-1200 ... has anybody got any thoughts

thanks neil

7041. Re: yaesu ft450d ldg atu....

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-11-22 15:24:19 UTC
From: David Birnbaum
Topic: 7038 Message: 7041

I have an LDG RT-100 at the base of my vertical. Works like a champ.
Makes 1:1 SWR from an 18 foot vertical on all bands. No coax loss beacuse
the tuner is at the antenna so the SWR is 1:1 all the way down the coax.

dave
k2lyv

7042. Re: yaesu ft450d ldg atu....

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-11-22 11:48:18 UTC
From: Jon
Topic: 7038 Message: 7042

If you want one - go to CheapHam. They are on sale for $99

http://www.cheapham.com/ldg-yt-450-closeout/

_____
Have fun,
Jon N5JLD
http://www.n5jld.net

7043. RE: [LDG-auto-tuners] Re: yaesu ft450d ldg atu....

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-11-22 18:55:57 UTC
From: k4ize-bw
Topic: 7038 Message: 7043

Can you, or are you willing to send me info on the vertical. I am researching for one that does 30, 40 & 80M. I am blessed with more aluminum tubing than I can use. I currently have a modified HF2V with a decent radial field & coax. Many thanks in advance,

73, Bill – K4IZE

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com]
Sent: Saturday, November 22, 2014 10:24 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: yaesu ft450d ldg atu....

I have an LDG RT-100 at the base of my vertical. Works like a champ. Makes 1:1 SWR from an 18 foot vertical on all bands. No coax loss beacuse the tuner is at the antenna so the SWR is 1:1 all the way down the coax.

dave

k2lyv

This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

[Non-text portions of this message have been removed]

7044. Re: yaesu ft450d ldg atu....

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-11-23 19:53:00 UTC
From: m6nae55@...
Topic: 7038 Message: 7044

thank you for your reply ken...I have just sent for the ldg-z11 pro 2...it's the only ldg z11 pro I could find on the ldg website...thanks for your input...I have made the purchase on your good review plus I have no cable to connect to the radio ...I just have to change the c.s voice key to swr.

thanks...7.3 neil m6nae

7045. RE: [LDG-auto-tuners] AT 100 PRO2, SWR intermittently flashes to "over" on 20 m and ok on 40 m

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-11-24 04:30:24 UTC
From: poppafred@...
Topic: 7025 Message: 7045

There is no real "reset" according to LDG. The tuner remembers the settings for each frequency until you hit your "tune" button, then it remembers that setting for that frequency for the next time. It just cascades through the settings and they are eventually over written as the memory fills.

Fred - KK5AA
EM25xh
"Newbee on this block"

7046. Yet Another "Has Anybody Else Seen..." Question.... :-)

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-11-24 05:05:59 UTC
From: poppafred@...
Topic: 7046 Message: 7046

I have a seven year old LDG AT200Pro, original not the II. It's tuning a Hustler 9BTV vertical mainly, radio is an Icom IC7000.

I noticed the other day that I have been slowly increasing the power to make contacts. The SWR meter shows 50 watts out of the radio through the meter and into the tuner. I put an RF meter at the vertical and it showed only 25 watts was reaching the antenna! Suspecting the buried coax had been damaged by a mole or gopher so I pulled it all up and checked it from the vertical to the house. The outer skin (non-contaminating, direct bury coax) was damage free, not even a nick. The only other thing between the SWR meter and the antenna is the jumper between the meter and the tuner, about 15" of RG8X.

So, the question- Has anyone ever had an LDG tuner not pass all the power through to the coax and antenna?

I have always used the right SO239 for the vertical and, until now, have never had a problem.

I am scratching my head over this one.

Fred - KK5AA
EM25xh
"newbee on this block"

7047. Re: [LDG-auto-tuners] Yet Another "Has Anybody Else Seen..." Question.... :-)

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-11-24 14:25:05 UTC
From: Jim Allen
Topic: 7046 Message: 7047

How long is the coax? What kind is it? What is the SWR on the other side of the tuner, out to the antenna? Losing half your power is only 3 db, easily possible if the coax is lossy, long and SWR high.

If so, you might try a RT-100 which is a remote autotuner. The SWR on the coax from transmitter to antenna stays low, whatever the best match is, and higher only on the short run from the RT-100 to the feedpoint, usually very short.

On a G5RV I had, using a manual tuner, an expert figured the loss in the RG-8X coax to be 13 db, with an SWR from the tuner to the antenna approaching 60:1. No wonder I wasn't getting any replies! The 5 watts leaving the tuner evaporated to only about .05 watts at the feedpoint! But the transmitter was happy!

73 de W6OGC Jim Allen

On Sun, Nov 23, 2014 at 11:05 PM, poppafred@yahoo.com [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:

>
>
> I have a seven year old LDG AT200Pro, original not the II. It's tuning a
> Hustler 9BTV vertical mainly, radio is an Icom IC7000.
>
>
> I noticed the other day that I have been slowly increasing the power to
> make contacts. The SWR meter shows 50 watts out of the radio through the
> meter and into the tuner. I put an RF meter at the vertical and it showed
> only 25 watts was reaching the antenna! Suspecting the buried coax had been
> damaged by a mole or gopher so I pulled it all up and checked it from the
> vertical to the house. The outer skin (non-contaminating, direct bury coax)
> was damage free, not even a nick. The only other thing between the SWR
> meter and the antenna is the jumper between the meter and the tuner, about
> 15" of RG8X.
>
>
> So, the question- Has anyone ever had an LDG tuner not pass all the power
> through to the coax and antenna?
>
>
> I have always used the right SO239 for the vertical and, until now, have
> never had a problem.
>
>

> I am scratching my head over this one.
>
>
> Fred - KK5AA
>
> EM25xh
>
> "newbee on this block"
>
>
>

7048. Re: Yet Another "Has Anybody Else Seen..." Question.... :-)

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-11-24 20:28:31 UTC
From: phil-z@...
Topic: 7046 Message: 7048

Fred,

Your Hustler (9BTV or should it be 6BTV?) vertical, if properly tuned, should have a minimal SWR somewhere on every band it is designed for. You should check your SWR on each band at the radio without a tuner. I have a 6BTV, which has a minimum SWR point on every band. On 40 and 80, it isn't as low and on 80 the bandwidth is very sharp. You may have damaged trap or 80 meter coil causing the antenna to be very high SWR, resulting in losses in your coax due to an extreme miss-match. You can also check your coax with a dummy load at the antenna end. You should have 1:1 at the radio with no tuner with the dummy load. You should only need the antenna tuner to lower the SWR at the band edges to keep the radio happy.

LDG tuners are great but miss-matched antennas can easily exceed the range of the tuner and even damage it. Check out that antenna.

Phil N3ZP

7049. LDG KT100 THAT IS POSSEESED

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-11-24 22:28:17 UTC
From: cosmo72908@...
Topic: 7049 Message: 7049

I EMAILED LDG ABOUT A ISSUE WITH A KT100 TUNER AND A TS50S HF RIG.THE RESPONSE WAS TO PUT RF CHOKES ON RADIO POWER LEAD AND TUNER INTERFACE CABLE????? WHAT TYPE AND HOW MANY?THEY DID NOT EXPLAIN THE PROBLEM TO ME VERY WELL OTHER THAN I WAS GETTING RF INTO THE CONTROL UNIT.THE ONLY CHANGES TO MY STATION WERE A NEW SWITCHING POWER SUPPLY.CAN THIS BE THE CAUSE OF THE RF.I NEVER HAD AN ISSUE BEFORE WITH THE ASTRON RS 25 LINEAR POWER SUPPLY.IM A NEWBIE TO THE GROUP AND ANY HELP WOULD BE APPRECIATED 73S TO ALL JOHN/KC5ODT

7050. Re: [LDG-auto-tuners] Yet Another "Has Anybody Else Seen..." Question.... :-)

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-11-25 03:57:11 UTC
From: poppafred@...
Topic: 7046 Message: 7050

The coax is 100' of low loss, non-contaminating, direct bury, the best the Wireman sold of its type. I figured that the best he had was the only way to go for a once in a lifetime setup. Now that I am on disability, I figured it would have to last me a long time so I didn't want to go cheap.

Fred - KK5AA
EM25xh

7051. Re: Yet Another "Has Anybody Else Seen..." Question.... :-)

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-11-25 04:18:50 UTC
From: poppafred@...
Topic: 7046 Message: 7051

Thanks, Phil,

No, it's a Hustler 9BTV. I put every add-on that DX Engineering sells on it so it now covers everything from 10m to 80m, including 60m. Works well, too! I actually used it to make a contact on Australia's west coast, 10,000 miles+ away once. Ground mounted, 58 radials of 4 different lengths. I'm proud of it.

To be honest, I had not considered a changing SWR as the culprit. I've had a mole problem for a couple of years and was most concerned about something chewing into it. After I pulled the coax up and found its skin pristine and intact, I have considered getting some conduit to run it through when I rebury it next spring.

The last time I checked the swr with my MFJ analyzer, it was fine. That was back in the spring though. I used Penetrox on all the joints of the vertical and that may need to be cleaned off and refreshed. It is several years old, after all.

My concern was that the relays in the AT200Pro needed to be cleaned or something but I don't know a lot about the internal workings of the auto-tuner. I know it rattles up a storm every time I hit "tune"!

A remote tuner is not an option on my income anymore so I have to figure this out and make it work.

Thanks, everyone, for the tips. I'll keep you all up to speed on what I figure out .

Fred - KK5AA
EM25xh

7052. Re: LDG KT100 THAT IS POSSEESED

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-11-25 17:12:31 UTC
From: ldgyahoo@...
Topic: 7049 Message: 7052

You did not mention it was being powered by a switching power supply. Try a linear one.

Snap on RF chokes can be possibly still be purchased at Radio Shack. If not try The RF Connection or your favorite radio store.

Dwayne KIncaid
LDG

7053. Re: [LDG-auto-tuners] LDG KT100 THAT IS POSSEESED

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-11-25 17:37:39 UTC
From: Hank Greeb
Topic: 7049 Message: 7053

Most any change, regardless of whether we humans think it is "minor" can upset the balance of RF/RFI in the shack.

Some of the things to consider:

1. Do you have a short, direct, ground to all components in your shack? If not, changing the power supply, with differing lengths of connecting cables, can certainly change the balance of RF/RF feedback getting into the matching unit.

2. What "quality" of coax and coaxial cables are your using to connect between the rig and the tuner? My friends who run contest grade stations, say that there are UHF connectors and then there are good UHF connectors. And, some of them say that "N" connectors are the only "sure" way to ensure that the RF stays inside the Coax and none goes astray. I'm lucky, in that I haven't had to bother with "good" vs "whatever radio shack or what is in my junque box" when connecting things in my shack, but my friends say I'm very lucky.

With a computer being inside the LDG tuner, and possibility of RF getting into it from the power wiring to it, the control cable between the rig and the tuner, and "leaky" connections at the UHF connectors or even from incompletely shielded coax, there are many, may avenues for the computer inside the tuner to "go possessed."

Do you belong to a local club? There probably are some "olde salts" there who would be glad to be your "Elmer" to look over what you have and offer advice. If not, perhaps a peek inside the ARRL Handbook or one of ARRL's books about assembling a station might be helpful.

Now, since this advice is offered "from afar", I'd suggest you try a few "clamp on" ferrite chokes. Someone else will have to give you a specific part number, but these chokes open up so you can place them over a power wire or a coax cable or a control cable. It might be overkill, but using one or more at each end of each power cable, AC cable, control cable, near the rig and near the tuner "should" solve the problem. It might be overkill, but, not knowing your setup, that "should" solve the problem.

Best to you and yours for Thanksgiving

72/73 de n8xx Hg
QRP >99.44% of the time

On 11/24/2014 5:28 PM, cosmo72908@... [LDG-auto-tuners] wrote:
>
> I EMAILED LDG ABOUT A ISSUE WITH A KT100 TUNER AND A TS50S HF RIG.THE

> RESPONSE WAS TO PUT RF CHOKES ON RADIO POWER LEAD AND TUNER INTERFACE
> CABLE????? WHAT TYPE AND HOW MANY? THEY DID NOT EXPLAIN THE PROBLEM TO
> ME VERY WELL OTHER THAN I WAS GETTING RF INTO THE CONTROL UNIT. THE
> ONLY CHANGES TO MY STATION WERE A NEW SWITCHING POWER SUPPLY. CAN THIS
> BE THE CAUSE OF THE RF. I NEVER HAD AN ISSUE BEFORE WITH THE ASTRON
> RS 25 LINEAR POWER SUPPLY. IM A NEWBIE TO THE GROUP AND ANY HELP WOULD
> BE APPRECIATED 73S TO ALL JOHN/KC5ODT

7054. Re: [LDG-auto-tuners] LDG KT100 THAT IS POSSEESED

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-11-25 17:31:48 UTC
From: john sickles
Topic: 7049 Message: 7054

OK I PICKED UP SOME CHOKES,NO LUCK,TRIED A FRIENDS ASTRON POWER SUPPLY STILL THE SAME.EVEN TRIED A LARGE 24 AH RECHARGABLE BATTERY AS POWER SOURCE.STILL NO LUCK.TOOK TUNER TO A HAM BUDDYS STATION WHO HAS NEVER HAD ANY ISSUES WITH RF.HE RUNS A DIPOLE IDENTICAL TO MINE.ASTRON RS 35A POWER SUPPLY,KENWOOD TS570SG HF RIG.HOOKED IT UP TO HIS STATION,BYPASSED INTERNAL TUNER AND SET UP MY TUNER AS PER LDG INSTRUCTIONS.TUNER STILL HAS THE SAME ISSUE THAT IT HAD ON MY STATION FEATHERING ON 20 METERS,TRIES TO RETUNE WHEN YOU TRANSMIT.GUESS ILL STICK TO MY MANUAL TUNER AND SELL THIS POSSESSED LDG AND TRY TO RECOUP AT LEAST PART OF THE 184.99 THAT IT COST ME.

On Tuesday, November 25, 2014 11:03 AM, "cosmo72908@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:

I EMAILED LDG ABOUT A ISSUE WITH A KT100 TUNER AND A TS50S HF RIG.THE RESPONSE WAS TO PUT RF CHOKES ON RADIO POWER LEAD AND TUNER INTERFACE CABLE????? WHAT TYPE AND HOW MANY?THEY DID NOT EXPLAIN THE PROBLEM TO ME VERY WELL OTHER THAN I WAS GETTING RF INTO THE CONTROL UNIT.THE ONLY CHANGES TO MY STATION WERE A NEW SWITCHING POWER SUPPLY.CAN THIS BE THE CAUSE OF THE RF.I NEVER HAD AN ISSUE BEFORE WITH THE ASTRON RS 25 LINEAR POWER SUPPLY.IM A NEWBIE TO THE GROUP AND ANY HELP WOULD BE APPRECIATED 73S TO ALL JOHN/KC5ODT <!--

7055. Re: [LDG-auto-tuners] LDG KT100 THAT IS POSSEESED

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-11-25 17:49:35 UTC
From: john sickles
Topic: 7049 Message: 7055

OKAY THANKS YES ALL CABLES AND JUMPERS ARE NEW USING BELDEN CABLE AND AMPHENOL PL259S AHAD SEVERAL OF THE SNAP ON CHOKES THAT I TRIED ON INTERFACE CABLE AND HF RIG POWER CORD.ALL GROUNDS ARE CONNECTED TO A GROUND BUS WITH GROUND STRAPS,#4 COPPER WIRE 6 FT LONG TO A 8 FT.GROUND ROD.I EVEN CHECKED ALL GROUND CONNECTIONS AND CLEANED ALL CONNECTIONS AGAIN TO NO AVAIL.I THOUGHT IT MAY BE A RADIO ISSUE BUT AFTER TRYING IT AT A FREINDS STATION AND GETTING THE SAME RESULTS I DONT KNOW.YES I TALKED TO 3 OLD TIMERS THAT HAVE BEEN HAMS FOR OVER 30 YEARS AND ALL OF THEM TOLD ME TO DITCH THE AUTOTUNER AND STICK WITH MY MANUAL TUNER!! SO THATS GOOD ENOUGH ADVICE FOR ME

On Tuesday, November 25, 2014 11:37 AM, "Hank Greeb n8xx@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:

Most any change, regardless of whether we humans think it is "minor" can upset the balance of RF/RFI in the shack.

Some of the things to consider:

1. Do you have a short, direct, ground to all components in your shack? If not, changing the power supply, with differing lengths of connecting cables, can certainly change the balance of RF/RF feedback getting into the matching unit.

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Do you belong to a local club? There probably are some "olde salts" there who would be glad to be your "Elmer" to look over what you have and offer advice. If not, perhaps a peek inside the ARRL Handbook or one of ARRL's books about assembling a station might be helpful.

Now, since this advice is offered "from afar", I'd suggest you try a few "clamp on" ferrite chokes. Someone else will have to give you a specific part number, but these chokes open up so you can place them over a power wire or a coax cable or a control cable. It might be overkill, but using one or more at each end of each power cable, AC cable, control cable, near the rig and near the tuner "should" solve the problem. It might be overkill, but, not knowing your setup, that "should" solve the problem.

Best to you and yours for Thanksgiving

72/73 de n8xx Hg
QRP >99.44% of the time

On 11/24/2014 5:28 PM, cosmo72908@... [LDG-auto-tuners] wrote:

I EMAILED LDG ABOUT A ISSUE WITH A KT100 TUNER AND A TS50S HF RIG.THE RESPONSE WAS TO PUT RF CHOKES ON RADIO POWER LEAD AND TUNER INTERFACE CABLE????? WHAT TYPE AND HOW MANY? THEY DID NOT EXPLAIN THE PROBLEM TO ME VERY WELL OTHER THAN I WAS GETTING RF INTO THE CONTROL UNIT. THE ONLY CHANGES TO MY STATION WERE A NEW SWITCHING POWER SUPPLY. CAN THIS BE THE CAUSE OF THE RF. I NEVER HAD AN ISSUE BEFORE WITH THE ASTRON RS 25 LINEAR POWER SUPPLY. IM A NEWBIE TO THE GROUP AND ANY HELP WOULD BE APPRECIATED 73S TO ALL JOHN/KC5ODT

7056. Re: [LDG-auto-tuners] LDG KT100 THAT IS POSSEESED

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-11-25 18:36:51 UTC
From: Hank Greeb
Topic: 7049 Message: 7056

How old is your tuner?

What happens when you run low power, like 3 to 5 watts? If it runs OK
at QRP power levels, that could be an indication that RF is getting into
the system with one or more of the wires which are connected to it.

Have you tried running it without a control cable from the rig - i.e.
use the "tune" push button on the tuner and disconnecting the cable from
the rig to the tuner? If it works this way, seems like RF is getting
into the rig from one of the wires inside this cable.

Have you reported the results of all of this experimenting to LDG?

They've gone overboard for me.

72/73 de n8xx Hg
QRP >99.44% of the time

On 11/25/2014 12:31 PM, john sickles cosmo72908@...
[LDG-auto-tuners] wrote:
>
>
> OK I PICKED UP SOME CHOKES, NO LUCK, TRIED A FRIENDS ASTRON POWER
> SUPPLY STILL THE SAME. EVEN TRIED A LARGE 24 AH RECHARGABLE BATTERY
> AS POWER SOURCE.STILL NO LUCK.
>
> TOOK TUNER TO A HAM BUDDYS STATION WHO HAS NEVER HAD ANY ISSUES WITH
> RF. HE RUNS A DIPOLE IDENTICAL TO MINE. ASTRON RS 35A POWER SUPPLY,
> KENWOOD TS570SG HF RIG. HOOKED IT UP TO HIS STATION, BYPASSED INTERNAL
> TUNER AND SET UP MY TUNER AS PER LDG INSTRUCTIONS. TUNER STILL HAS THE
> SAME ISSUE THAT IT HAD ON MY STATION FEATHERING ON 20 METERS, TRIES TO
> RETUNE WHEN YOU TRANSMIT. GUESS ILL STICK TO MY MANUAL TUNER AND SELL
> THIS POSSESSED LDG AND TRY TO RECOUP AT LEAST PART OF THE 184.99 THAT
> IT COST ME.
>
>
> On Tuesday, November 25, 2014 11:03 AM, "cosmo72908@...
> [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:
>
>
> I EMAILED LDG ABOUT A ISSUE WITH A KT100 TUNER AND A TS50S HF RIG.THE
> RESPONSE WAS TO PUT RF CHOKES ON RADIO POWER LEAD AND TUNER INTERFACE
> CABLE????? WHAT TYPE AND HOW MANY?THEY DID NOT EXPLAIN THE PROBLEM TO
> ME VERY WELL OTHER THAN I WAS GETTING RF INTO THE CONTROL UNIT.THE
> ONLY CHANGES TO MY STATION WERE A NEW SWITCHING POWER SUPPLY.CAN THIS
> BE THE CAUSE OF THE RF.I NEVER HAD AN ISSUE BEFORE WITH THE ASTRON RS

> 25 LINEAR POWER SUPPLY.IM A NEWBIE TO THE GROUP AND ANY HELP WOULD BE
> APPRECIATED 73S TO ALL JOHN/KC5ODT
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>

7057. Re: [LDG-auto-tuners] LDG KT100 THAT IS POSSEESED

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-11-25 19:33:12 UTC
From: N2CKH
Topic: 7049 Message: 7057

Hi John,

I am using the KT-100 here with a Kenwood TK-90 mainly but I have also used it with a TS-480SAT. It is basically a plug and play AATU solution. It provides excellent performance with 4 different HF antenna types attached to the Alpha Delta switch box. It runs on the TK-90 when in use as an ALE hardware radio 24/7 when the TS-480SAT is not running under software defined ALE control. So that KT-100 gets a lot of use in ALE, even in manual mode each time you change the channel the TK-90 tunes automatically and never fails to do so fast I might add.

I was having a challenge in using the TS-480SAT internal tuner with one antenna on 6 meters so that was when I first used the KT-100 with it and found it to tune that antenna, a Shakesphere 383 Marine whip FB on that part of 6 meters where it was not resonating. I had to add a pair of quarter way radials to get the TS-480SAT internal tuner to handle the antenna on 6m. At 6m the 393 whip is like a 5/8 over 5/8 antenna vertical and often an advantage over the loop depending on the DX signal angle.

I have many years of experience now with AATU's beginning with radio internal units and then external. The internal units for years were very limiting, my new TS-930S in the 80's offered an internal ATU option, awful performer that was by the way.

First your radio, P.S. and AATU must have a good earth ground where also between the equipments with an A.C. volt meter you do not detect and difference of potential.

I have found that regardless of the make/model, the problem if any is always related to RF getting into the units processor, either on the D.C. power line or coax shield and in really bad situations the case if its not a metal case or if the fit tolerance leaves a gap for entry. The use of all coax balanced transmission line antenna systems is the most challenging in dealing with common mode current issues. That 393 antenna is fed in that manor instead of having the AATU at the antenna feedpoint, there is a common mode choke using a 4 inch core there to decouple it from the coax though.

Most of the time a snap on toroid ferrite core made of HF material on the D.C. line and or coax line will suffice, but you often have no idea what material is being used with those if not stated However in more stubborn cases you need to use a solid type 73 or 77 ferrite material larger diameter donut core and wrap the leads around it to create a common mode choke.

The best of luck in resolving your issue in a timely manor.

/s/ Steve, N2CKH

At 05:28 PM 11/24/2014, you wrote:
>
>
>I EMAILED LDG ABOUT A ISSUE WITH A KT100 TUNER AND A TS50S HF
>RIG.THE RESPONSE WAS TO PUT RF CHOKES ON RADIO POWER LEAD AND TUNER
>INTERFACE CABLE????? WHAT TYPE AND HOW MANY?THEY DID NOT EXPLAIN THE
>PROBLEM TO ME VERY WELL OTHER THAN I WAS GETTING RF INTO THE CONTROL
>UNIT.THE ONLY CHANGES TO MY STATION WERE A NEW SWITCHING POWER
>SUPPLY.CAN THIS BE THE CAUSE OF THE RF.I NEVER HAD AN ISSUE BEFORE
>WITH THE ASTRON RS 25 LINEAR POWER SUPPLY.IM A NEWBIE TO THE GROUP
>AND ANY HELP WOULD BE APPRECIATED 73S TO ALL JOHN/KC5ODT

7058. RE: [LDG-auto-tuners] LDG KT100 THAT IS POSSEESED

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-11-25 18:20:50 UTC
From: David Overton
Topic: 7049 Message: 7058

Sounds like you have done well to isolate the problem and it is probably in the tuner. You might send it back to LDG for testing and repair. They do have great costumer service on repairs. Sometimes it takes a bit of time, however, if you have a manual to use in the meantime, you will only be out the shipping expense.

David KF5WDJ

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com]
Sent: Tuesday, November 25, 2014 11:32 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] LDG KT100 THAT IS POSSEESED

OK I PICKED UP SOME CHOKES,NO LUCK,TRIED A FRIENDS ASTRON POWER SUPPLY STILL THE SAME.EVEN TRIED A LARGE 24 AH RECHARGABLE BATTERY AS POWER SOURCE.STILL NO LUCK.

TOOK TUNER TO A HAM BUDDYS STATION WHO HAS NEVER HAD ANY ISSUES WITH RF.HE RUNS A DIPOLE IDENTICAL TO MINE.ASTRON RS 35A POWER SUPPLY,KENWOOD TS570SG HF RIG.HOOKED IT UP TO HIS STATION,BYPASSED INTERNAL TUNER AND SET UP MY TUNER AS PER LDG INSTRUCTIONS.TUNER STILL HAS THE SAME ISSUE THAT IT HAD ON MY STATION FEATHERING ON 20 METERS,TRIES TO RETUNE WHEN YOU TRANSMIT.GUESS ILL STICK TO MY MANUAL TUNER AND SELL THIS POSSESSED LDG AND TRY TO RECOUP AT LEAST PART OF THE 184.99 THAT IT COST ME.

On Tuesday, November 25, 2014 11:03 AM, "cosmo72908@... [LDG-auto-tuners] <mailto:cosmo72908@...%20[LDG-auto-tuners]> " <LDG-auto-tuners@yahoogroups.com <mailto:LDG-auto-tuners@yahoogroups.com> > wrote:

I EMAILED LDG ABOUT A ISSUE WITH A KT100 TUNER AND A TS50S HF RIG.THE RESPONSE WAS TO PUT RF CHOKES ON RADIO POWER LEAD AND TUNER INTERFACE CABLE????? WHAT TYPE AND HOW MANY?THEY DID NOT EXPLAIN THE PROBLEM TO ME VERY WELL OTHER THAN I WAS GETTING RF INTO THE CONTROL UNIT.THE ONLY CHANGES TO MY STATION WERE A NEW SWITCHING POWER SUPPLY.CAN THIS BE THE CAUSE OF THE RF.I NEVER HAD AN ISSUE BEFORE WITH THE ASTRON RS 25 LINEAR POWER SUPPLY.IM A NEWBIE TO THE GROUP AND ANY HELP WOULD BE APPRECIATED 73S TO ALL JOHN/KC5ODT

7059. Re: [LDG-auto-tuners] LDG KT100 THAT IS POSSEESED

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-11-25 19:40:11 UTC
From: john sickles
Topic: 7049 Message: 7059

THE TUNER WAS BOUGHT NEW IN JAN. THIS YEAR.THIS PROBLEM JUST STARTED LAST WEEK.HAVENT TRIED AT QRP LEVEL BUT WILL TRY THAT.THE ONLY CABLE WITH THE TUNER PLUGS INTO THE TS5O.DONT HAVE AN EXTRA CABLE WITH JUST POWER CONNECTIONS ON IT .YES I HAD EMAILED LDG ABOUT THE ISSUE AND THEY SAID IT WAS AN RF ISSUE .I DONT UNDERSTAND THAT THE SAME ISSUE OCCURS ON 2 DIFFERENT HF STATIONS AND 2 DIFFERENT HF RIGS.MY FRIENDS STATION HAS AN INTERNAL TUNER AND I HOOKED MY TUNER UP AS PER THE DIRECTIONS AND I GET THE SAME RESULTS ON HIS RIG AND ANTENNA

On Tuesday, November 25, 2014 12:36 PM, "Hank Greeb n8xx@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:

  How old is your tuner?

What happens when you run low power, like 3 to 5 watts? If it runs OK at QRP power levels, that could be an indication that RF is getting into the system with one or more of the wires which are connected to it.

Have you tried running it without a control cable from the rig - i.e. use the "tune" push button on the tuner and disconnecting the cable from the rig to the tuner? If it works this way, seems like RF is getting into the rig from one of the wires inside this cable.

Have you reported the results of all of this experimenting to LDG?

They've gone overboard for me.

72/73 de n8xx Hg
QRP >99.44% of the time

On 11/25/2014 12:31 PM, john sickles cosmo72908@yahoo.com [LDG-auto-tuners] wrote:

OK I PICKED UP SOME CHOKES, NO LUCK, TRIED A FRIENDS ASTRON POWER SUPPLY STILL THE SAME. EVEN TRIED A LARGE 24 AH RECHARGABLE BATTERY AS POWER SOURCE.STILL NO LUCK.

TOOK TUNER TO A HAM BUDDYS STATION WHO HAS NEVER HAD ANY ISSUES WITH RF. HE RUNS A DIPOLE IDENTICAL TO MINE. ASTRON RS 35A POWER SUPPLY, KENWOOD TS570SG HF RIG. HOOKED IT UP TO HIS STATION, BYPASSED INTERNAL TUNER AND SET UP MY TUNER AS PER LDG INSTRUCTIONS. TUNER STILL HAS THE SAME ISSUE THAT IT HAD ON MY STATION FEATHERING ON 20 METERS, TRIES TO RETUNE WHEN YOU TRANSMIT. GUESS ILL STICK TO MY MANUAL TUNER AND SELL THIS POSSESSED LDG AND TRY TO RECOUP AT LEAST PART OF THE 184.99 THAT IT COST ME.

On Tuesday, November 25, 2014 11:03 AM, "cosmo72908@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:

  I EMAILED LDG ABOUT A ISSUE WITH A KT100 TUNER AND A TS50S HF RIG.THE RESPONSE WAS TO PUT RF CHOKES ON RADIO POWER LEAD AND TUNER INTERFACE CABLE????? WHAT TYPE AND HOW MANY?THEY DID NOT EXPLAIN THE PROBLEM TO ME VERY WELL OTHER THAN I WAS GETTING RF INTO THE CONTROL UNIT.THE ONLY CHANGES TO MY STATION WERE A NEW SWITCHING POWER SUPPLY.CAN THIS BE THE CAUSE OF THE RF.I NEVER HAD AN ISSUE BEFORE WITH THE ASTRON RS 25 LINEAR POWER SUPPLY.IM A NEWBIE TO THE GROUP AND ANY HELP WOULD BE APPRECIATED 73S TO ALL JOHN/KC5ODT

7060. Re: [LDG-auto-tuners] LDG KT100 THAT IS POSSEESED

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-11-26 05:02:24 UTC
From: Bill Aycock
Topic: 7049 Message: 7060

All caps makes your stuff hard to read, so I did not.
Bill—W4BSG

From: mailto:LDG-auto-tuners@yahoogroups.com
Sent: Monday, November 24, 2014 4:28 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] LDG KT100 THAT IS POSSEESED

I EMAILED LDG ABOUT A ISSUE WITH A KT100 TUNER AND A TS50S HF RIG.THE RESPONSE WAS TO PUT RF CHOKES ON RADIO POWER LEAD AND TUNER INTERFACE CABLE????? WHAT TYPE AND HOW MANY?THEY DID NOT EXPLAIN THE PROBLEM TO ME VERY WELL OTHER THAN I WAS GETTING RF INTO THE CONTROL UNIT.THE ONLY CHANGES TO MY STATION WERE A NEW SWITCHING POWER SUPPLY.CAN THIS BE THE CAUSE OF THE RF.I NEVER HAD AN ISSUE BEFORE WITH THE ASTRON RS 25 LINEAR POWER SUPPLY.IM A NEWBIE TO THE GROUP AND ANY HELP WOULD BE APPRECIATED 73S TO ALL JOHN/KC5ODT

7061. Re: yaesu ft450d ldg atu....

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-11-26 10:09:51 UTC
From: David Birnbaum
Topic: 7038 Message: 7061

Vertical is a modified HyGain AV-18VS. Took off loading coil at base.
Added 3 foot extension and top hat of 4 wites 2 foot each making an X.
Tune it with an LDG RT-100 autotuner at the base of the antenna. The
autotuner gives me essentailly 1:1 SWR on all bands 80-6. I keep power low
on 80 since losses in the tuner are bigger,

I do a lot of digital, mostly JT65, and have worked :"all over the planet"
: Australia, New Caledonia, Japan (on 40 M), S. Africa with 5-10 watts from
my FL QTH.

If HOA would let me I'd put in more radials.

dave
k2lyv

7062. Re: [LDG-auto-tuners] LDG KT100 THAT IS POSSEESED

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-11-25 20:29:32 UTC
From: cosmo72908@...
Topic: 7049 Message: 7062

OKAY THANKS STEVE.I HAD A FRIEND THAT LOANED ME A KENWOOD AT50 TUNER TO TRY AND DONT HAVE ANY OF THE PROBLEMS THAT I HAD WITH THE LDG KT100.
WHATEVER RF SHIELDING OR SUPPRESSION IS BEING USED IN THE KENWOOD AT50 TUNER THE LDG LACKS OR DOESNT HAVE IT AT ALL.
73S JOHN

7063. Re: [LDG-auto-tuners] LDG KT100 THAT IS POSSEESED

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-11-26 17:01:22 UTC
From: ldgyahoo@...
Topic: 7049 Message: 7063

Hello John,

The test with another type of tuner adds very little merit to the issue as you have described it. It still sounds like poor or inadequate grounding in the DC section of your station.

As we discussed externally to this group, follow the recommended procedures for returning the unit for a checkout.

Dwayne Kincaid
LDG

---In LDG-auto-tuners@yahoogroups.com, <cosmo72908@yahoo.com> wrote :

OKAY THANKS STEVE.I HAD A FRIEND THAT LOANED ME A KENWOOD AT50 TUNER TO TRY AND DONT HAVE ANY OF THE PROBLEMS THAT I HAD WITH THE LDG KT100.
WHATEVER RF SHIELDING OR SUPPRESSION IS BEING USED IN THE KENWOOD AT50
TUNER THE LDG LACKS OR DOESNT HAVE IT AT ALL.
73S JOHN

7064. re: KT-100 and TK-90 on ALE

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-11-26 17:45:56 UTC
From: N2CKH
Topic: 7049 Message: 7064

Hello All,

I had a few requests for an idea of how fast the KT-100 works for ALE
so here is a short video of the KT-100 in ALE Sounding operation with
the TK-90 controlling it.

<http://www.n2ckh.com/MARS_ALE_FORUM/MOV04402.MPG>www.n2ckh.com/MARS_ALE_FORUM/MOV04402.MP
G

In the video you will see the radio scanning along and hit channel 13
then jump to channel 12 for the next Sounding event, check for
channel occupancy and if clear it will make the sounding
transmission. This repeats until all channels have been Sounded on.
You sill see the KT-100 commanded to tune at lower power and at a
good tune it will then go to high power for the Sounding. The
duration of the sounding is based on the number of channels, in my
operation in the this video it is much longer than on the HAM bands
as many more channels are being used in my MARS and SHARES operation
with the radio.

ALE requires a really fast ATU that can tune an antenna regardless of
its potentially changing characteristics over the MF/HF spectrum
quickly. There are aspects to ALE where even fast response is
required than for Sounding and AQC-ALE requires faster timing than 2G
ALE. The KT-100 fits that need and is a perfect match for the Kenwood
TK-90 which is becoming very popular in MARS for those who need or
want and can afford a hardware radio solution.

I have been using the AT-200PC for many years now with my MARS-ALE
software which has the added advantage of no RF needed for tuning as
the software tells the ATU the frequency for TX and tunes without RF.
The one that I have had in continuous use since it hit the market was
recently lightening damaged over the power line along with the radio
and the computer, one of the chances we take with 24/7 operation.

By the way, the flashing envelope on the radio display when not in TX
alerts me that I have mail in the form of AMD messages waiting to be
read. I have been using the ALE radio a lot lately instead of
MARS-ALE as I am planning out the design of a BeagleBone Black based
ALE modem/controller and I am subjecting myself to the suffering of
hardware ALE use vs the user friendly MARS-ALE/PC-ALE experience to
aid in making BBB-ALE a lot more user friendly than a standard ALE radio.

Anyone can feel free to email direct for any additional information.

/s/ Steve, N2CKH

7066. New file uploaded to LDG-auto-tuners

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-12-04 12:04:19 UTC
From: LDG-auto-tuners@yahoogroups.com
Topic: 7066 Message: 7066

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the LDG-auto-tuners
group.

File : /MeterProtocol.pdf
Uploaded by : algadehome <kim2larsen@...>
Description : Pc interface for LDG AT-600 and 1000 Pro II

You can access this file at the URL:
https://groups.yahoo.com/neo/groups/LDG-auto-tuners/files/MeterProtocol.pdf

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

algadehome <kim2larsen@...>

7067. Pc interface for LDG AT-600 and 1000 Pro II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-12-04 12:07:27 UTC
From: kim2larsen@...
Topic: 7067 Message: 7067

Hi All.

I'm trying to make a Pc interface for my LDG AT-600 Pro II, so I'm able to control it from a pc,
I have a RS232 to TTL converter which I know works, but when I sned the ASCII command via. hyper terminal, the tuner doesn't react. I know that I by mistake have made a short between the 12 volt and RX line in the 4 pin mini din connector, But I'm unsure if this has destroyed something in the tuner. If i measure on the 4 pin mini din connector I have constantly 5 volt on RX pin and TX pin, and I'm not sure if this is correct.
Could I have one of you which have one of the above tuners, try to measure on the 4 pin mini din connector and post the result. It is pin 3 and 4 the two upper pins. I have uploaded a pdf file in files section, which describe the interface and ASCII codes for control it.

Thank you in advance.

Kim / OZ9KL

7068. Re: Remoting the AT-1000 Pro II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-12-04 13:04:38 UTC
From: kim2larsen@...
Topic: 6588 Message: 7068

Hi.

I have uploaded the files MeterProtocol in files section. It describes the interface and software.

Kim

7069. Re: Pc interface for LDG AT-600 and 1000 Pro II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-12-04 17:14:14 UTC
From: kim2larsen@...
Topic: 7067 Message: 7069

Just to pin this out. When you measure you should measure between ground and Rx and next between ground and Tx. Hope somebody could do this for me.
Thanks in advance.

Kim / OZ9KL

7070. Z100 plus not matching

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-12-07 04:51:06 UTC
From: kg7jaa@...
Topic: 7070 Message: 7070

Hello my name is Matt. I recently purchased a z100 plus for use with my yaesu 857d and my resonant 40m wire dipole. I'm using the y-acc interface cable. When I do a standard tune or a full tune it goes through the standard procedure but the green light never stays on. It never finds a good match. My swr meter is showing a 1.7 to 1 swr on 40. The tuner won't tune on any band. Any help would be greatly appreciated. Thank you.

7071. Re: [LDG-auto-tuners] Z100 plus not matching

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-12-07 14:17:03 UTC
From: Jim Allen
Topic: 7070 Message: 7071

Something like 90% or so of all the troubles I have ever had with antennas
and feed lines came from poor connections and/or bad coax. Before starting
to rip everything apart, it would pay to test the feed line and connectors,
for shorts, opens, loss, etc.

If you have or can get an antenna analyzer that would be good. Look to see
if you have anything like a normal SWR curve through the 40M band. Put a
dummy load at the far end, and a watt meter near the transmitter, take
readings, then put it out at the dummy load, see if the loss makes sense.

That's where I would start.

73 d W6OGC Jim Allen

On Sat, Dec 6, 2014 at 10:51 PM, kg7jaa@... [LDG-auto-tuners] <
LDG-auto-tuners@yahoogroups.com> wrote:

>
>
> Hello my name is Matt. I recently purchased a z100 plus for use with my
> yaesu 857d and my resonant 40m wire dipole. I'm using the y-acc interface
> cable. When I do a standard tune or a full tune it goes through the
> standard procedure but the green light never stays on. It never finds a
> good match. My swr meter is showing a 1.7 to 1 swr on 40. The tuner won't
> tune on any band. Any help would be greatly appreciated. Thank you.
>
>

7072. Re: Z100 plus not matching

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-12-07 15:22:45 UTC
From: m6nae55@...
Topic: 7070 Message: 7072

have you changed menu 20...on the radio to TUNER...and menu 85 tuner/ atas OFF..
turn the radio off..re=connect the tuner to the radio...then turn the radio back on..make sure the acc cable is in the right port not in the red jack at the back of the radio...I have a 857,897d with the same tuner....

7.3 neil

7073. Re: Z100 plus not matching

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-12-07 16:09:14 UTC
From: ldgyahoo@...
Topic: 7070 Message: 7073

Neil,

The green light does not stay on. When the tuner tunes the light will indicate the SWR at the end of the tuning cycle, then go out. It will not come back on until you re-tune.

The "Z" in the Z-100 stands for zero power consumption when not tuning. So the tuner draws no power until you ask it to tune again.

Dwayne Kincaid
LDG

7074. Re: [LDG-auto-tuners] Pc interface for LDG AT-600 and 1000 Pro II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-12-07 18:35:57 UTC
From: N2CKH
Topic: 7067 Message: 7074

Hi Kim,

For the best operation always send your command packet to the tuner
with a header consisting of a Null and Carriage Return as HEX bytes
along with the command in ASCII and terminated with a Carriage return
in HEX. For example here is a 4 byte packet to toggle antenna ports
where you need to interpret the response from the ATU to know if its
ANT 1 or 2 that results and then perhaps send the packet again to get
the desired port.:

00h 0Dh A ODh

This is the approach that I developed for MARS-ALE and it never fails
to command the ATU models that support the meter port protocol.

Good luck.

/s/ Steve, N2CKH

At 07:07 AM 12/4/2014, you wrote:
>
>
>Hi All.
>
>
>I'm trying to make a Pc interface for my LDG AT-600 Pro II, so I'm
>able to control it from a pc,
>I have a RS232 to TTL converter which I know works, but when I sned
>the ASCII command via. hyper terminal, the tuner doesn't react. I
>know that I by mistake have made a short between the 12 volt and RX
>line in the 4 pin mini din connector, But I'm unsure if this has
>destroyed something in the tuner. If i measure on the 4 pin mini din
>connector I have constantly 5 volt on RX pin and TX pin, and I'm not
>sure if this is correct.
>
>Could I have one of you which have one of the above tuners, try to
>measure on the 4 pin mini din connector and post the result. It is
>pin 3 and 4 the two upper pins. I have uploaded a pdf file in files
>section, which describe the interface and ASCII codes for control it.
>
>
>Thank you in advance.
>
>
>Kim / OZ9KL

7075. Re: Z100 plus not matching

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-12-07 20:25:57 UTC
From: kg7jaa@...
Topic: 7070 Message: 7075

So menu 20 has to be to tuner and menu 85 has to be off? Those are the settings I've been using I believe. Ill try unhooking the tuner and setting up the menus and re-hooking it up. Thank you for your help. Ill keep you posted.

7076. RE: [LDG-auto-tuners] Z100 plus not matching

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-12-08 00:19:51 UTC
From: k4ize-bw
Topic: 7070 Message: 7076

Hi Jim,

Just wanted to say Hi, and reinforce what you said. I installed several antennas when I retired and got back into ham radio with a vengeance – new rig, amp, antennas, et al. Having been licensed since 1955 and having been a commercial radio engineer, I knew the importance of weatherproofing the feedline connections. I used several rolls on Scotch 88 tape wrapping the six connections.

Within a couple of years I noticed my SWR readings changing. After checking the suspect runs as you described (dummy load and antenna analyzer), I finally lowered it to the ground and cut off all the tape. The PL-259 showed a dull appearance (light corrosion). I cut the PL off and found wet coax. After cutting off about a foot, I found good, clean, dry coax.

The lesson learned was that tape alone is not sufficient it a warm, rainy climate. I now use pliers to tighten the connectors, a “liquid tape” to paint about 6” of the coax and connectors, and then the “88” tape.

After 5 more years, NO FAILURES. It does not hurt to over-do preventative measures; but, it does hurt to not do enough…! Tape – liquid and regular – is cheap in the long run. BTW, I run 1kW with a LDG 1000.

Very 73 es TNX for the good post.

Bill – K4IZE

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com]
Sent: Sunday, December 07, 2014 9:17 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] Z100 plus not matching

Something like 90% or so of all the troubles I have ever had with antennas and feed lines came from poor connections and/or bad coax. Before starting to rip everything apart, it would pay to test the feed line and connectors, for shorts, opens, loss, etc.

If you have or can get an antenna analyzer that would be good. Look to see if you have anything like a normal SWR curve through the 40M band. Put a dummy load at the far end, and a watt meter near the transmitter, take readings, then put it out at the dummy load, see if the loss makes sense.

That's where I would start.

73 d W6OGC Jim Allen

On Sat, Dec 6, 2014 at 10:51 PM, kg7jaa@... [LDG-auto-tuners]
<LDG-auto-tuners@yahoogroups.com> wrote:

Hello my name is Matt. I recently purchased a z100 plus for use with my yaesu 857d and my resonant 40m wire dipole. I'm using the y-acc interface cable. When I do a standard tune or a full tune it goes through the standard procedure but the green light never stays on. It never finds a good match. My swr meter is showing a 1.7 to 1 swr on 40. The tuner won't tune on any band. Any help would be greatly appreciated. Thank you.

This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

7077. Re: Pc interface for LDG AT-600 and 1000 Pro II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-12-08 19:30:31 UTC
From: kim2larsen@...
Topic: 7067 Message: 7077

Hi Steve.

Thank you for your answer. But first of all I need to find out, if something has happened to my tuner.
So I'm still waiting for someone, to measure the voltage on Rx and Tx line of the four pin mini din.

Regards from Denmark.

Kim / OZ9KL

7078. Re: z100plus and ft857

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-12-09 09:50:08 UTC
From: rayncarol@...
Topic: 6562 Message: 7078

you do have the interface cable connected to he ACC port on the radio, easily plugged into the wrong socket :-)

7079. CAT Cable

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-12-11 07:29:03 UTC
From: Daniel Higman
Topic: 7079 Message: 7079

I lost my CAT cable for my YH100. Is this a common cable like S-video? Can this be bought anywhere. I want to use my tuner again. My radio is a Yaesu FT-857.

7080. Re: Pc interface for LDG AT-600 and 1000 Pro II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-12-14 16:02:07 UTC
From: kim2larsen@...
Topic: 7067 Message: 7080

Hi Steve.

I got confirmed from LDG, that there should be 5 volts on Rx and Tx, so my tuner works okay.
By sending the HEX commands it is also working now, so thank you very much for guiding me in the right direction.
According to the manual the command "P" is for bypassing the tuner (Passthru) , but this doesn't work correct for me. When my tuner is in bypass mode, the "P" command brings it on, and I can't bring it back to bypass with the "P" command. Do you know if the command is correct ?
Do you have other commands not listed in the manual ?
What is the MARS-ALE project ?

Thank you in advance.

Regards

Kim / OZ9KL

7081. LDG Holiday schedule

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-12-16 21:00:12 UTC
From: ldgyahoo@...
Topic: 7081 Message: 7081

Just a quick schedule update. LDG will be closed the week of Christmas and the week of New Year's.

Thanks,

Dwayne Kincaid
LDG

7082. Re: Pc interface for LDG AT-600 and 1000 Pro II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-12-20 00:35:08 UTC
From: adb1x1@...
Topic: 7067 Message: 7082

This would be of interest to me, but it seems the files section is not available at the moment.

Something awry with it or???

7083. Re: [LDG-auto-tuners] Re: Pc interface for LDG AT-600 and 1000 Pro II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-12-20 02:27:32 UTC
From: Art
Topic: 7067 Message: 7083

It was poted last week, that the site n helwil be dwn until after the NewYear .

"adb1x1@yahoo.com [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:

>This would be of interest to me, but it seems the files section is not available at the moment.
>
>
> Something awry with it or???
>
>

7084. Re: [LDG-auto-tuners] Re: Pc interface for LDG AT-600 and 1000 Pro II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-12-20 12:06:53 UTC
From: Jimmy (WB8NBI)
Topic: 7067 Message: 7084

LDG is going to be closed foe the holidays but the web sight is up and running at least for me.

DE Jimmy (WB8NBI)

From: mailto:LDG-auto-tuners@yahoogroups.com
Sent: Friday, December 19, 2014 9:27 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] Re: Pc interface for LDG AT-600 and 1000 Pro II

It was poted last week, that the site n helwil be dwn until after the NewYear .

"adb1x1@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:

This would be of interest to me, but it seems the files section is not available at the moment.

Something awry with it or???

7085. RE: [LDG-auto-tuners] Re: Pc interface for LDG AT-600 and 1000 Pro II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-12-21 22:17:53 UTC
From: k4ize-bw
Topic: 7067 Message: 7085

Art,

Can’t tell if ur talking abt the Forum Files or LDG site. The Forum files are fine and the latest posting is what you seem to need.

Bill – K4IZE

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com]
Sent: Friday, December 19, 2014 9:28 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] Re: Pc interface for LDG AT-600 and 1000 Pro II

It was poted last week, that the site n helwil be dwn until after the NewYear .

"adb1x1@... [LDG-auto-tuners] <mailto:adb1x1@...%20[LDG-auto-tuners]> "
<LDG-auto-tuners@yahoogroups.com> wrote:

This would be of interest to me, but it seems the files section is not available at the moment.

Something awry with it or???

This email has been checked for viruses by Avast antivirus software.
http://www.avast.com

7086. Issue with IT-100 tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-12-22 09:40:36 UTC
From: haydenph91@...
Topic: 7086 Message: 7086

Hi All,
I've just acquired an IT-100 tuner and hooked it up to my IC7000.

Antenna in, connect to rig, simple.

I then run a full tune on 6M. My antenna is 1:1 on 50.1MHz. So as a test I do a full tune on 50.2MHz. Best match found is more than >2:1?? What gives?

Tuning seems better on 10M. I've only tested on those two bands and yet to test on a dummy load.

I like to use FM on 10M and 6M and evidently didn't read the power specs properly either. 30W maximum on FM :(.

Regards
Hayden VK7HA

7087. RE: [LDG-auto-tuners] Issue with IT-100 tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-12-22 16:34:46 UTC
From: Ken Bandy, KJ9B
Topic: 7086 Message: 7087

Regardless of what the specs say, I have found that LDG auto-tuners don't handle 6 meters very well. If your antenna is 1:1 on 6, I would advise to bypass your tuner for 6. By this, I mean completely bypass the tuner, not just use the bypass function of the tuner.

73,

Ken, KJ9B

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com]
Sent: Monday, December 22, 2014 4:41 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Issue with IT-100 tuner

Hi All,

I've just acquired an IT-100 tuner and hooked it up to my IC7000.

Antenna in, connect to rig, simple.

I then run a full tune on 6M. My antenna is 1:1 on 50.1MHz. So as a test I do a full tune on 50.2MHz. Best match found is more than >2:1?? What gives?

Tuning seems better on 10M. I've only tested on those two bands and yet to test on a dummy load.

I like to use FM on 10M and 6M and evidently didn't read the power specs properly either. 30W maximum on FM :(.

Regards

Hayden VK7HA

7088. Re: [LDG-auto-tuners] Issue with IT-100 tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-12-22 16:35:44 UTC
From: Jim Allen
Topic: 7086 Message: 7088

What kind of antenna is it on 6M? What was the SWR curve without the tuner?

73 de W6OGC Jim Allen

On Mon, Dec 22, 2014 at 3:40 AM, haydenph91@gmail.com [LDG-auto-tuners] <
LDG-auto-tuners@yahoogroups.com> wrote:

>
>
> Hi All,
>
> I've just acquired an IT-100 tuner and hooked it up to my IC7000.
>
>
> Antenna in, connect to rig, simple.
>
>
> I then run a full tune on 6M. My antenna is 1:1 on 50.1MHz. So as a test I
> do a full tune on 50.2MHz. Best match found is more than >2:1?? What gives?
>
>
> Tuning seems better on 10M. I've only tested on those two bands and yet to
> test on a dummy load.
>
>
> I like to use FM on 10M and 6M and evidently didn't read the power specs
> properly either. 30W maximum on FM :(.
>
>
> Regards
>
> Hayden VK7HA
>
>
>

7089. Re: [LDG-auto-tuners] Issue with IT-100 tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-12-22 17:27:43 UTC
From: Tom Chesek
Topic: 7086 Message: 7089

Ken might have his finger on the pulse here. I have an LDG AT-1000ProII and a LDG Z-11ProII. The AT-1000ProII will not tune my multiband beam which measures between 2.0 VSWR and 3.0 VSWR from 50.1 mhz to 53.5 mhz measured with my MFJ-259B. The Z-11ProII will tune the same beam as will the Yaesu FT-450D's internal tuner from 50.1 thru 53.5 without batting an eye. I don't give the lack of ability on 6 meters with the AT-1000ProII much thought since I don't have a linear for that band and it is only spec'd for 250 watts on 6 meters so an amp isn't very useful. The AT-1000ProII works nicely on all other bands though.

Tom K3TVC

From: mailto:LDG-auto-tuners@yahoogroups.com
Sent: Monday, December 22, 2014 11:34
To: LDG-auto-tuners@yahoogroups.com
Subject: RE: [LDG-auto-tuners] Issue with IT-100 tuner

Regardless of what the specs say, I have found that LDG auto-tuners don't handle 6 meters very well. If your antenna is 1:1 on 6, I would advise to bypass your tuner for 6. By this, I mean completely bypass the tuner, not just use the bypass function of the tuner.

73,

Ken, KJ9B

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com]
Sent: Monday, December 22, 2014 4:41 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Issue with IT-100 tuner

Hi All,

I've just acquired an IT-100 tuner and hooked it up to my IC7000.

Antenna in, connect to rig, simple.

I then run a full tune on 6M. My antenna is 1:1 on 50.1MHz. So as a test I do a full tune on 50.2MHz. Best match found is more than >2:1?? What gives?

Tuning seems better on 10M. I've only tested on those two bands and yet to test on a dummy load.

I like to use FM on 10M and 6M and evidently didn't read the power specs properly either. 30W maximum on FM :(.

Regards

Hayden VK7HA

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1434 / Virus Database: 4253/8283 - Release Date: 12/22/14

7090. Re: Issue with IT-100 tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-12-23 01:52:29 UTC
From: haydenph91@...
Topic: 7086 Message: 7090

OK thank you for comments.

I tried using the bypass function of the tuner and the SWR did not change, still above >2:1.

So taking it out completely is the option, although inconvenient.

The SWR curve of the antenna is irrelevant here. It is a 6M 2 element Moxon antenna. R is 52 ohms and X is 0 at 50.1MHz.

50.2 is slightly higher R and a few X.

---In LDG-auto-tuners@yahoogroups.com, <kj9b@...> wrote :

Regardless of what the specs say, I have found that LDG auto-tuners don't handle 6 meters very well. If your antenna is 1:1 on 6, I would advise to bypass your tuner for 6. By this, I mean completely bypass the tuner, not just use the bypass function of the tuner.

73,
Ken, KJ9B

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com]
Sent: Monday, December 22, 2014 4:41 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Issue with IT-100 tuner

Hi All,
I've just acquired an IT-100 tuner and hooked it up to my IC7000.

Antenna in, connect to rig, simple.

I then run a full tune on 6M. My antenna is 1:1 on 50.1MHz. So as a test I do a full tune on 50.2MHz. Best match found is more than >2:1?? What gives?

Tuning seems better on 10M. I've only tested on those two bands and yet to test on a dummy load.

I like to use FM on 10M and 6M and evidently didn't read the power specs properly either. 30W maximum on FM :(.

Regards
Hayden VK7HA

7091. interesting action

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-12-23 21:17:33 UTC
From: steve.lenaghan@...
Topic: 7091 Message: 7091

I have a FT897D feeding a AT-100ProII into a 20/40 shortened antenna. At this location it is hung 15' above the peak of wooden bungalow. On 28146 KHz I get an over range error on the power LED. If I manually reduce the power to 80 W on the radio (option 75) I display 100 W on the LED. At home I normally use my radio on a 135' OCF and do not see this action.

The antenna here is a deployment version and I haven't used it with this combination before. Grounds are good and the tuner and radio are bonded.

Do I really have more power on 10 M or is the tuner hallucinating?

Steve VE5SR/W4

7092. Kt-100 with a Icom ic-7100

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-12-23 23:32:56 UTC
From: m0bmn@...
Topic: 7092 Message: 7092

Hi all
Is there a way to mod a KT-100 so it works like a IT-100 for my icom radio?
anyone have a circuit diagram for the interface part of these ATU's?
thanks and merry Christmas to all
Paul M0BMN

7093. Older AT-897 not matching

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-12-24 08:20:40 UTC
From: cystokid@...
Topic: 7093 Message: 7093

Hi All! I have a Yaesu FT-897 with an older AT-897. Note that this is NOT the AT-897 PLUS. I just installed a mobile antenna--an Alpha Moto--and cannot get the antenna to match. I have a good ground, although the original unit does not have a ground lug. It clicks and clatters, but the SWR does not change. The SWR is the same with and without the tuner activated, by the way, around 4 to 5.
Steve at Alpha Antennas said the newer PLUS unit would likely work fine, but I wonder if the PLUS unit is the best choice. Would the YT-100 be better? Specs look about the same. Is it worth sending my original unit back for repair/refurbishment?
Any input you give will be gratefully appreciated...
Bryan S.

7094. Re: [LDG-auto-tuners] Older AT-897 not matching

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-12-24 14:47:52 UTC
From: Jim Allen
Topic: 7093 Message: 7094

Bad coax/connectors is where to start. 90% or so of the antenna anomalies I have experienced over the years traced to this.

73 de W6OGC Jim Allen

Sent from my iPad

> On Dec 24, 2014, at 2:20 AM, cystokid@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:
>
> Hi All! I have a Yaesu FT-897 with an older AT-897. Note that this is NOT the AT-897 PLUS. I just installed a mobile antenna--an Alpha Moto--and cannot get the antenna to match. I have a good ground, although the original unit does not have a ground lug. It clicks and clatters, but the SWR does not change. The SWR is the same with and without the tuner activated, by the way, around 4 to 5.
> Steve at Alpha Antennas said the newer PLUS unit would likely work fine, but I wonder if the PLUS unit is the best choice. Would the YT-100 be better? Specs look about the same. Is it worth sending my original unit back for repair/refurbishment?
> Any input you give will be gratefully appreciated...
> Bryan S.
>
>

7095. Re: [LDG-auto-tuners] Older AT-897 not matching

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-12-24 18:25:02 UTC
From: Hank Greeb
Topic: 7093 Message: 7095

Try new coax, and be sure the ground connection is actually connected to other parts of the body of the automobile.

Also, if you have a way to do it, try a 100 or 200 ohm resistor as a dummy load - or two, three, or more 50 ohm dummy loads in series, and see if they can be matched with your current setup. That would determine if the tuner is actually working. With a mobile antenna, the SWR can be waaayyyyy out of range for tuning with most any tuner.

I have one of the orignal LDG Z-100's - I bought it from a friend who had set it in the back window of his pickup. It got so hot the plastic box was warped. He didn't want to buy a new box - which I found would cost about $8 plus shipping - so I got it from him for a pittance. It has worked flawlessly for 3 years. Don't know the original manufacurting date, I've never looked for a date on the Printed Circuit board, and the manual on line does not have a copyright date. I suspect it's at least 10 years old because the ARRL's review in QST is dated May 2004. Once or twice I've exceeded their recommended 10 watts maximum for tuning, with no adverse effects. I try very hard to use between 3 and 5 watts for tuning/

As Timex is wont to say, LDG Takes a Licking and keeps on "maching."

72/73 de n8xx Hg

p.s. I have no financial interest in LDG Electronics.

On 12/24/2014 3:20 AM, cystokid@... [LDG-auto-tuners] wrote:
>
>
> Hi All! I have a Yaesu FT-897 with an older AT-897. Note that this
> is NOT the AT-897 PLUS. I just installed a mobile antenna--an Alpha
> Moto--and cannot get the antenna to match. I have a good ground,
> although the original unit does not have a ground lug. It clicks and
> clatters, but the SWR does not change. The SWR is the same with and
> without the tuner activated, by the way, around 4 to 5.
> Steve at Alpha Antennas said the newer PLUS unit would likely
> work fine, but I wonder if the PLUS unit is the best choice. Would the
> YT-100 be better? Specs look about the same. Is it worth sending my
> original unit back for repair/refurbishment?
> Any input you give will be gratefully appreciated...
> Bryan S.

7096. BALUNS for the AT-1000 Pro II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-12-25 03:02:24 UTC
From: Phillip Laird
Topic: 7096 Message: 7096

I will use my new [subject] LDG auto tuner with a 10-80 meter dipole fed with 450 Ohm Ladder Line. Which BALUN listed below would be the best choice with the tuner and an ICOM IC-718?
1. 1:1 Current Balun For Tuners2. 4:1 Currnt Balun For Tuners3. 4:1 Current Balun
Thanks for your constructive comments and suggestions.
-----Philip,WI5O

7097. Re: [LDG-auto-tuners] BALUNS for the AT-1000 Pro II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-12-25 03:35:14 UTC
From: Hank Greeb
Topic: 7096 Message: 7097

All of those listed. And, add a 4/1 Voltage Balun.

I have the same setup with a LDG Z-100. On some bands the 4/1 voltage balun works best. On other bands the 1/1 current balun works best. Sometimes if it's raining, or ice covers the antenna and feedline, the alternate works better. LDG makes a "200 watt PEP 4/1 voltage balun", which works fine for transforming resistive loads, or moderately reactive loads of up to 200 watts PEP SSB or 100 watts CW or 50 watts RTTY. With highly reactive loads, of whatever strange impedance a "lash up" on Field provides, we've burned up a couple "200 watt" baluns running 100 watts CW. They also make a "200 watt PEP 1/1 current balun" with the same caveat on power handling.

What works in your configuration is dependent on the length of the dipole, how close to earth and other objects it is, and the length of the feedline. Computer analysis helps, but the pudding is in the proof (or converse).

72/73 de n8xx Hg

On 12/24/2014 10:02 PM, Phillip Laird lairdpg@...
[LDG-auto-tuners] wrote:
>
>
> I will use my new [subject] LDG auto tuner with a 10-80 meter dipole
> fed with 450 Ohm Ladder Line. Which BALUN listed below would be the
> best choice with the tuner and an ICOM IC-718?
>
> 1. 1:1 Current Balun For Tuners
> 2. 4:1 Currnt Balun For Tuners
> 3. 4:1 Current Balun
>
> Thanks for your constructive comments and suggestions.
>
> -----
> Philip,WI5O
>
>
>

7098. RE: [LDG-auto-tuners] BALUNS for the AT-1000 Pro II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-12-25 04:04:30 UTC
From: k4ize-bw
Topic: 7096 Message: 7098

Hi Phillip,

There is no mention of the feedline used. Most multi-band dipoles use 450-Ohm ladder-line (also called window line). The balun would be a 9:1. Rather than buying a passel of different $50+ baluns, consider going online to “The Wireman” (Google it) and buy either the kit or his ready-to-use version. They can be rewound to any configuration. You can call them and get their advice, too. They are very trustworthy and dependable. It’s a good way to start. His baluns will run a kW PtP, less on CW and RTTY.

73, Bill – K4IZE

PS: Your planned tuner may already have a balun depending on the model.

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com]
Sent: Wednesday, December 24, 2014 10:02 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] BALUNS for the AT-1000 Pro II

I will use my new [subject] LDG auto tuner with a 10-80 meter dipole fed with 450 Ohm Ladder Line. Which BALUN listed below would be the best choice with the tuner and an ICOM IC-718?

1. 1:1 Current Balun For Tuners

2. 4:1 Currnt Balun For Tuners

3. 4:1 Current Balun

Thanks for your constructive comments and suggestions.

Philip,WI5O

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http://www.avast.com

7099. Re: [LDG-auto-tuners] BALUNS for the AT-1000 Pro II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-12-25 04:31:49 UTC
From: Craig
Topic: 7096 Message: 7099

I agree with an earlier poster that to make this decision the length of the dipole and height above ground is an important consideration.

I've used a "Carolina Windom" (Google it) antenna for many years and find it amazing vs the G5RV that was used prior. The Windom has a vertical element, balun and a decoupling choke and can be fed with coax.

Merry Christmas,

Craig

> On Dec 24, 2014, at 11:04 PM, "'k4ize-bw' k4ize-bw@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:
>
>
>
> Hi Phillip,
>
> There is no mention of the feedline used. Most multi-band dipoles use 450-Ohm ladder-line (also called window line). The balun would be a 9:1. Rather than buying a passel of different $50+ baluns, consider going online to “The Wireman” (Google it) and buy either the kit or his ready-to-use version. They can be rewound to any configuration. You can call them and get their advice, too. They are very trustworthy and dependable. It’s a good way to start. His baluns will run a kW PtP, less on CW and RTTY.
>
> 73, Bill – K4IZE
>
> PS: Your planned tuner may already have a balun depending on the model.
>
> From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com]
> Sent: Wednesday, December 24, 2014 10:02 PM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: [LDG-auto-tuners] BALUNS for the AT-1000 Pro II
>
>
> I will use my new [subject] LDG auto tuner with a 10-80 meter dipole fed with 450 Ohm Ladder Line. Which BALUN listed below would be the best choice with the tuner and an ICOM IC-718?
>
> 1. 1:1 Current Balun For Tuners
> 2. 4:1 Currnt Balun For Tuners
> 3. 4:1 Current Balun
>
> Thanks for your constructive comments and suggestions.
>
> -----

> Philip,WI5O
>
>
>
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7100. Re: BALUNS for the AT-1000 Pro II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-12-25 15:54:19 UTC
From: ka5s@...
Topic: 7096 Message: 7100

Yup. See
http://f1frv.free.fr/main3c_Baluns_fichiers/A_Better_Antenna_Balun_ZS1AN.pdf
http://f1frv.free.fr/main3c_Baluns_fichiers/A_Better_Antenna_Balun_ZS1AN.pdf

ZS1AN added a 4:1 Balun after a 1:1 Balun to improve the balance at both high and low impedance. It should go without saying we need large cores that won't overheat and be ruined running high power into a high SWR.

I remember melting the case on a "100 watt" Balun at Field Day. Heh!

Cortland
KA5S

7101. RE: [LDG-auto-tuners] BALUNS for the AT-1000 Pro II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-12-25 16:06:18 UTC
From: k4ize-bw
Topic: 7096 Message: 7101

Merry Christmas, Craig, We are basically answering a question with no facts to go on. I think they call it “guessing”…! Unless he has an analyzer or EZNEC, guessing is all anyone can do. As you point out, height, slope, support mechanism, near objects, wire diameter, feedline, etc, etc. all play a part. My purpose was to simply help answer the question about baluns. It pains me to think about buying several to get one that works.

No need to Google “Windom”, Designing and building antennas is a favorite part of ham radio for me – DX is another.

73, Bill – K4IZE

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com]
Sent: Wednesday, December 24, 2014 11:32 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] BALUNS for the AT-1000 Pro II

I agree with an earlier poster that to make this decision the length of the dipole and height above ground is an important consideration.

I've used a "Carolina Windom" (Google it) antenna for many years and find it amazing vs the G5RV that was used prior. The Windom has a vertical element, balun and a decoupling choke and can be fed with coax.

Merry Christmas,

Craig

On Dec 24, 2014, at 11:04 PM, "'k4ize-bw' k4ize-bw@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:

Hi Phillip,

There is no mention of the feedline used. Most multi-band dipoles use 450-Ohm ladder-line (also called window line). The balun would be a 9:1. Rather than buying a passel of different $50+ baluns, consider going online to “The Wireman” (Google it) and buy either the kit or his ready-to-use version. They can be rewound to any configuration. You can call them and get their advice, too. They are very trustworthy and dependable. It’s a good way to start. His baluns will run a kW PtP, less on CW and RTTY.

73, Bill – K4IZE

PS: Your planned tuner may already have a balun depending on the model.

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com]
Sent: Wednesday, December 24, 2014 10:02 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] BALUNS for the AT-1000 Pro II

I will use my new [subject] LDG auto tuner with a 10-80 meter dipole fed with 450 Ohm Ladder Line. Which BALUN listed below would be the best choice with the tuner and an ICOM IC-718?

1. 1:1 Current Balun For Tuners

2. 4:1 Currnt Balun For Tuners

3. 4:1 Current Balun

Thanks for your constructive comments and suggestions.

Philip,WI5O

_____

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7102. Re: [LDG-auto-tuners] BALUNS for the AT-1000 Pro II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-12-27 00:38:46 UTC
From: Craig
Topic: 7096 Message: 7102

Bill,

The Windom antenna works well for me based on practical experience, many others prior, within on air experience less so. Maybe the Windom has loss (great SWR) and is not a good one. In my experience it has good TX/RX performance.

73,

Craig

> On Dec 25, 2014, at 11:06 AM, "'k4ize-bw' k4ize-bw@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:
>
>
>
> Merry Christmas, Craig, We are basically answering a question with no facts to go on. I think they call it “guessing”…! Unless he has an analyzer or EZNEC, guessing is all anyone can do. As you point out, height, slope, support mechanism, near objects, wire diameter, feedline, etc, etc. all play a part. My purpose was to simply help answer the question about baluns. It pains me to think about buying several to get one that works.
>
> No need to Google “Windom”, Designing and building antennas is a favorite part of ham radio for me – DX is another.
>
> 73, Bill – K4IZE
>
> From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com]
> Sent: Wednesday, December 24, 2014 11:32 PM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: Re: [LDG-auto-tuners] BALUNS for the AT-1000 Pro II
>
>
>
> I agree with an earlier poster that to make this decision the length of the dipole and height above ground is an important consideration.
>
> I've used a "Carolina Windom" (Google it) antenna for many years and find it amazing vs the G5RV that was used prior. The Windom has a vertical element, balun and a decoupling choke and can be fed with coax.
>
> Merry Christmas,
>
> Craig
>
> On Dec 24, 2014, at 11:04 PM, "'k4ize-bw' k4ize-bw@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:
>

> Hi Phillip,
>
> There is no mention of the feedline used. Most multi-band dipoles use 450-Ohm ladder-line (also called window line). The balun would be a 9:1. Rather than buying a passel of different $50+ baluns, consider going online to “The Wireman” (Google it) and buy either the kit or his ready-to-use version. They can be rewound to any configuration. You can call them and get their advice, too. They are very trustworthy and dependable. It’s a good way to start. His baluns will run a kW PtP, less on CW and RTTY.
>
> 73, Bill – K4IZE
>
> PS: Your planned tuner may already have a balun depending on the model.
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> From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com]
> Sent: Wednesday, December 24, 2014 10:02 PM
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> Subject: [LDG-auto-tuners] BALUNS for the AT-1000 Pro II
>
>
> I will use my new [subject] LDG auto tuner with a 10-80 meter dipole fed with 450 Ohm Ladder Line. Which BALUN listed below would be the best choice with the tuner and an ICOM IC-718?
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> 1. 1:1 Current Balun For Tuners
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> Philip,WI5O
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7103. Re: [LDG-auto-tuners] BALUNS for the AT-1000 Pro II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-12-27 03:01:26 UTC
From: Hank Greeb
Topic: 7096 Message: 7103

Tell that to Thomas Alva Edison. It has been called, since his era, the "Edisonian Approach" to solving problems. You make a guess, preferably an educated guess, if it works, fine, you're done. If it has problems, you try another couple things. If one of the other things gets you closer, or solves the problem, you know you're going in the right direction.

My opinion is that all too many folks don't have practical experience with what works and what doesn't work, because they're afraid to try without exhaustive study. They study a problem to death, try the one answer some "magical computer programme provides" and if it doesn't work they're dumbfounded and don't try anything else.

With the above statements, I case my rest, and will continue following Edison.

72/73 de n8xx Hg

On 12/25/2014 11:06 AM, 'k4ize-bw' k4ize-bw@... [LDG-auto-tuners] wrote:
> I think they call it “guessing”…! Unless he has an analyzer or EZNEC,
> guessing is all anyone can do.

7104. Re: BALUNS for the AT-1000 Pro II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-12-28 00:53:59 UTC
From: ka5s@...
Topic: 7096 Message: 7104

And then there's the "Allen-Bradley"method of circuit design; put an Allen-Bradley (tm) potentiometer of ABOUT the right value (.1 to 10X what might be needed) everywhere a resistor appears in the schematic of the stage being tweaked, and then adjust them until things work as required. A 'scope helps.

Cortland
KA5S

7105. Is this a Defective YT-1200 or Normal ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-12-28 10:26:31 UTC
From: n6pet@...
Topic: 7105 Message: 7105

I just purchased a LDG YT-1200 last week from HRO for my Yaesu FT-450D. All seems to work but I am not sure if the "2000 memory" stores my preset tunes. It seems like I have to re-tune every time I switch from band to band, memory-channel to memorychannel, etc. even if it is the same exact frequency I already tuned at. I have tuned, re-tuned on the same exact band, mode and frequency more than I can count.So I did some testing. I chose 3 frequencies on 40m (7.125, 7.200, and 7.300). I tuned it to each exact frequency then went back 2 frequencies before. It can only remember the last frequency it was tuned at but not any other frequency before that.So if I press the Tune button until the LED lights up, the SWR will shoot back up and it will go through the ~20 second full tuning cycle all over again.

I am well aware of the 3 different ways of pressing the Tune button (momentary, 1-3 sec, and the until the LED turns off). I have used all 3 states but for some reason it does not store any of the frequency I have already tuned at.

Is this normal or defective?

7106. RE: [LDG-auto-tuners] Is this a Defective YT-1200 or Normal ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-12-28 17:03:39 UTC
From: Guy Langlois
Topic: 7105 Message: 7106

I have an Icom IC-7200 with the AT-1000ProII tuner and duplicated your test. On my tuner, it 'remembered' the proper tuning settings on each frequency, no matter what sequence I chose, no matter how often I did it. Based on my test, I would think that you might have a problem.

I have found, personally, that the gang at LDG will go above and beyond to fix a problem so it might be worth while firing off an email to Dwight.

73,
Guy

From: LDG-auto-tuners@yahoogroups.com
To: LDG-auto-tuners@yahoogroups.com
Date: Sun, 28 Dec 2014 02:26:31 -0800
Subject: [LDG-auto-tuners] Is this a Defective YT-1200 or Normal ?

I just purchased a LDG YT-1200 last week from HRO for my Yaesu FT-450D. All seems to work but I am not sure if the "2000 memory" stores my preset tunes. It seems like I have to re-tune every time I switch from band to band, memory-channel to memorychannel, etc. even if it is the same exact frequency I already tuned at. I have tuned, re-tuned on the same exact band, mode and frequency more than I can count.So I did some testing. I chose 3 frequencies on 40m (7.125, 7.200, and 7.300). I tuned it to each exact frequency then went back 2 frequencies before. It can only remember the last frequency it was tuned at but not any other frequency before that.So if I press the Tune button until the LED lights up, the SWR will shoot back up and it will go through the ~20 second full tuning cycle all over again.

I am well aware of the 3 different ways of pressing the Tune button (momentary, 1-3 sec, and the until the LED turns off). I have used all 3 states but for some reason it does not store any of the frequency I have already tuned at.

Is this normal or defective?

7107. Re: Is this a Defective YT-1200 or Normal ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-12-28 17:08:34 UTC
From: va3guy@...
Topic: 7105 Message: 7107

I said Dwight...I meant Dwayne. doh!

7108. Re: [LDG-auto-tuners] Is this a Defective YT-1200 or Normal ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-12-28 17:28:01 UTC
From: John DeGood
Topic: 7105 Message: 7108

On 12/28/2014 5:26 AM, n6pet@... [LDG-auto-tuners] wrote:
>
>
> So if I press the Tune button until the LED lights up, the SWR will
> shoot back up and it will go through the ~20 second full tuning cycle
> all over again.
>

Try just transmitting at low power when you return to a previously-tuned frequency. Don't press the tune button at all. In a fraction of a second the tuner should measure the new frequency and set the relays back to the memorized tuning solution for that frequency. If that happens the tuner memories are working and I would suspect a communication problem between the tuner and your FT-450D. Re-check the menu settings on your FT-450D.

73, John NU3E

7109. Re: Is this a Defective YT-1200 or Normal ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-12-28 20:29:08 UTC
From: n6pet@...
Topic: 7105 Message: 7109

Thanks Guy. I already sent an email to LDG yesterday and got a reply today saying to test it with frequencies farther away from each other. I did but I was getting the same results. I am still waiting for LDG's reply.

7110. Re: Is this a Defective YT-1200 or Normal ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-12-28 20:50:48 UTC
From: n6pet@...
Topic: 7105 Message: 7110

Yes John, it does. I tried what you said by setting the RF Out to 10 watts. I went back to the frequency I have tuned already and transmitted. I did not hear the Tuner reacting and was reading SWR higher than 2:1 from the radio. Only after I had to press the Tune button again that the SWR went down to 1;1.

It is just annoying I have to tune every time I switch from one memory to another or from band to band, or even frequencies within the band. I always thought maybe I was not on the same exact frequency when LDG "stored" the setting. But my 20 saved memories in my radio is always the same and the test I did confirms it.

I sometimes forget pressing the Tune button until my radio registers 3+:1 SWR or it just beeps when its SWR is way over. Or sometimes switching bands my noise level just disappears and comes back only if I tune it again to the same frequency in the band I last left at and already did a a full tuning cycle.

7111. Re: [LDG-auto-tuners] Is this a Defective YT-1200 or Normal ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-12-29 03:28:04 UTC
From: Bill Aycock
Topic: 7105 Message: 7111

Guy—etal-
“Fire off an email to Dwayne” is usually a very good idea; they are good at response. However—if you do it now, or soon, do NOT get upset at a delayed reply. Dwayne and all have taken time off over this Holiday season; they published the “Out-of-reach” schedule on this list.
Write, but be patient.
Bill—W4BSG

From: mailto:LDG-auto-tuners@yahoogroups.com
Sent: Sunday, December 28, 2014 11:03 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: RE: [LDG-auto-tuners] Is this a Defective YT-1200 or Normal ?

I have an Icom IC-7200 with the AT-1000ProII tuner and duplicated your test. On my tuner, it 'remembered' the proper tuning settings on each frequency, no matter what sequence I chose, no matter how often I did it. Based on my test, I would think that you might have a problem.

I have found, personally, that the gang at LDG will go above and beyond to fix a problem so it might be worth while firing off an email to Dwight.

73,
Guy

From: LDG-auto-tuners@yahoogroups.com
To: LDG-auto-tuners@yahoogroups.com
Date: Sun, 28 Dec 2014 02:26:31 -0800
Subject: [LDG-auto-tuners] Is this a Defective YT-1200 or Normal ?

I just purchased a LDG YT-1200 last week from HRO for my Yaesu FT-450D. All seems to work but I am not sure if the "2000 memory" stores my preset tunes. It seems like I have to re-tune every time I switch from band to band, memory-channel to memorychannel, etc. even if it is the same exact frequency I already tuned at. I have tuned, re-tuned on the same exact band, mode and frequency more than I can count.So I did some testing. I chose 3 frequencies on 40m (7.125, 7.200, and 7.300). I tuned it to each exact frequency then went back 2 frequencies before. It can only remember the last frequency it was tuned at but not any other frequency before that.So if I press the Tune button until the LED lights up, the SWR will shoot back up and it will go through the ~20 second full tuning cycle all over again.

I am well aware of the 3 different ways of pressing the Tune button (momentary, 1-3 sec, and the until the LED turns off). I have used all 3 states but for some reason it does not store any of the frequency I have already tuned at.

Is this normal or defective?

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7112. RE: [LDG-auto-tuners] Re: Is this a Defective YT-1200 or Normal ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-12-29 04:06:37 UTC
From: Guy Langlois
Topic: 7105 Message: 7112

I decided to try again with different bands and using the same frequency each time on the different bands...eg, 10M = 28.040, 15M = 21.035, 20M = 14.040 and the 3 frequencies on 40M. I tried them in different sequences and in each and every attempt, my tuner 'recalled' the correct settings. I don't know about the YT line but I would say that my tuner is working up to par.

Hope this helps.

73,
Guy

From: LDG-auto-tuners@yahoogroups.com

To: LDG-auto-tuners@yahoogroups.com
Date: Sun, 28 Dec 2014 12:29:08 -0800
Subject: [LDG-auto-tuners] Re: Is this a Defective YT-1200 or Normal ?

Thanks Guy. I already sent an email to LDG yesterday and got a reply today saying to test it with frequencies farther away from each other. I did but I was getting the same results. I am still waiting for LDG's reply.

7113. LDG YT-450

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-12-30 14:18:39 UTC
From: m6nae55@...
Topic: 7113 Message: 7113

hi does the ldg yt-450 do a roll back on rf power from the radio
thanks in advance.

7.3

7114. IDG AT-600 PRO II Tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-12-31 03:02:39 UTC
From: Tom Morrison
Topic: 7114 Message: 7114

I have a ldg at-600pro II. I am having trouble getting it to tune my
Carolina Windom 80 meter dipole.
Some bands the tuner has no problems with but other bands like 10 meters
it will not tune around 28.120.
The Ldg will not tune the 160 band at all, but the Icom will. This tuner
as problems somewhere on each band. The thing i don't understand is
that I have a Icom 746 pro with built in
tuner and it tunes my Carolina Windomon every band with no problems.
Why is it that the internal tuner which is not as good as the ldg doing
a better job?
Does anybody have any ideas, please respond.
Thanks,
Tom W4TRM

7115. AT-100ProII and mobile whip

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-12-31 15:50:24 UTC
From: steve.lenaghan@...
Topic: 7115 Message: 7115

We are experimenting with mobile ALE (Automatic Link Establishment) for ARES and CFARS. I get fairly good results with my Yaesu combination on a fixed station dipole. (Wish the PC interface tuner was still available)
What whip combinations will work? It doesn't have to be a straight whip, a loaded variety would be acceptable.
The screwdriver just won't cut it for rapid frequency change.

Steve VE5SR/W4

7116. For Sale: LDG Z100

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-12-31 16:04:57 UTC
From: Ag6az
Topic: 7116 Message: 7116

For Sale: LDG Z100 in like new condition. Includes original box and instruction manual. $100 shipped lower 48 states only. PayPal only. Contact me offline at ak6zz@....

Thanks & HNY!

Keith
AK6ZZ

Sent from my iPhone

7117. RE: [LDG-auto-tuners] AT-100ProII and mobile whip

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2014-12-31 18:46:29 UTC
From: k4ize-bw
Topic: 7115 Message: 7117

Check out the Buddipole and the other Buddy Stick antennas. I have heard good things about them. If size is not an issue, and it is collapsed until needed, the ZeroFive is an excellent antenna (personal experience).

73,

Bill – K4IZE

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com]
Sent: Wednesday, December 31, 2014 10:50 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] AT-100ProII and mobile whip

We are experimenting with mobile ALE (Automatic Link Establishment) for ARES and CFARS. I get fairly good results with my Yaesu combination on a fixed station dipole. (Wish the PC interface tuner was still available)

What whip combinations will work? It doesn't have to be a straight whip, a loaded variety would be acceptable.

The screwdriver just won't cut it for rapid frequency change.

Steve VE5SR/W4

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http://www.avast.com

7118. Re: [LDG-auto-tuners] IDG AT-600 PRO II Tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-01-01 05:16:17 UTC
From: Brian Denley
Topic: 7114 Message: 7118

Tom:
I have the same tuner and it's tuning every band even on my spare antenna (a pretty poor G5RV jr.). Is it new?

Brian KB1VBF

Sent from my iPad

> On Dec 30, 2014, at 10:02 PM, Tom Morrison w4trm@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:
>
> I have a ldg at-600pro II. I am having trouble getting it to tune my
> Carolina Windom 80 meter dipole.
> Some bands the tuner has no problems with but other bands like 10 meters
> it will not tune around 28.120.
> The Ldg will not tune the 160 band at all, but the Icom will. This tuner
> as problems somewhere on each band. The thing i don't understand is
> that I have a Icom 746 pro with built in
> tuner and it tunes my Carolina Windomon every band with no problems.
> Why is it that the internal tuner which is not as good as the ldg doing
> a better job?
> Does anybody have any ideas, please respond.
> Thanks,
> Tom W4TRM
>

7119. Re: AT-100ProII and mobile whip

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-01-01 13:30:47 UTC
From: ka5s@...
Topic: 7115 Message: 7119

An old Icom AH-2A could match a foot of wire -- at the cost of enough circulating current to burn through a too-narrow trace on the PWB. Really,SWR limits on tuners are to keep this sort of thing from happening; that, arcing, and burning relay contacts and the like.

Experimenting, I was able to get a match with the Icom tuner with a Hustler center-loaded antenna on a number of bands; with the 80 meter coil, for example, I could tune the portion below the coil on 40 -- but the CB-style ball mount I was using arced over and caught fire while I was driving. Luckily, it went out when the RF was removed!

The AH2 was designed to match an 11 foot whip (on a SUBSTANTIAL insulator) from 80-10 meters, but results on 80 were abysmal, and only a little better on 40. 10 MHz and up was better and even quite good when I put the whip on the car roof. There is no substitute for size, and the LDG tuners, sensibly limited to sane operational regions, won't do any better.

Since you know the frequencies to be scanned, you might be able to parallel multiple antennas, with 50 Ohm bandpass filters andlaoding coilils in the few lower-HF channels the tuner needs help on. I've driven around with a bunch of antennas on my car and one CB operator, when his receiver recovered from my CQ on 10 CW a foot from HIS antenna, was heard warning truckers ahead to watch out for a little red car. "The mother ship has landed." Heh!

You might use a bumper to bumper whip, NVIS style, 20+ feet long, to make the lower frequencies more usable. It won't eliminate the size problem, but it might do well enough on a few more of the lower frequency channels. it might not; I could do that with my AH2 but THAT was kamikaze tuning.

Cortland
KA5S

7120. Z11 Pro Radio Socket required

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-01-01 12:18:16 UTC
From: vk5av@...
Topic: 7120 Message: 7120

Hi, I have managed to destroy the "Radio" socket on my Z11Pro tuner. A search of the internet and this forum leads me to find there is not much info out there on part numbers etc. Does anyone have any advice on where I can find this info. I am reluctant to send my tuner to LDG as I am in Australia.
Thanks in advance.
Tim Hann VK5AV.

7121. FT Meter

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-01-04 08:49:51 UTC
From: philip.g7jur@...
Topic: 7121 Message: 7121

I am using a FT Meter with my FT-897D.
When it is reading the TX power I have found that the readings from it are not very linear.
When the TX power is about 50 watts it is reading 28 Watts, but at 100 Watts it is reading 90 Watts.
As far as I can see there is no way of correcting this.
Is this typical of a FT-897D or is mine faulty ?.

Philip g7jur.

7122. Re: [LDG-auto-tuners] FT Meter

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-01-04 15:42:24 UTC
From: Bill Aycock
Topic: 7121 Message: 7122

Phillip--
You are using two meters to read power; what is the other one?
How do you know which one is correct?
Bill—W4BSG

From: mailto:LDG-auto-tuners@yahoogroups.com
Sent: Sunday, January 04, 2015 2:49 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] FT Meter

I am using a FT Meter with my FT-897D.
When it is reading the TX power I have found that the readings from it are not very linear.
When the TX power is about 50 watts it is reading 28 Watts, but at 100 Watts it is reading 90 Watts.
As far as I can see there is no way of correcting this.
Is this typical of a FT-897D or is mine faulty ?.

Philip g7jur.

This email has been checked for viruses by Avast antivirus software.
http://www.avast.com

7123. Re: [LDG-auto-tuners] FT Meter

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-01-04 15:46:00 UTC
From: philip.g7jur@...
Topic: 7121 Message: 7123

Yes I am using a power meter on the output of my radio.
Philip.

7124. yaesu ft1000mp

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-01-04 20:26:02 UTC
From: m6nae55@...
Topic: 7124 Message: 7124

will my ldg at-897 work on my yaesu ft1000mp...or can you tell me which ldg is computable including the interface cable for the tuner to connect to the radio

thanks
neil

7125. Re: FT Meter

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-01-05 09:41:38 UTC
From: razvanfatu@...
Topic: 7121 Message: 7125

OK, to get this straight:
- is the radio in FM mode ?
- what is the power set in the radio menu ?
- what does the LDG meter show ? (I understand 28W)
- what does the external power meter show ? (I understand ~50W)

You could expect the Yaesu internal power meter (that sends info to the LDG meter) to be non-linear, after all the S-meter is useless (even though after calibration I could get some useful info out of my FT-897).

Razvan.

7126. Re: yaesu ft1000mp

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-01-05 13:40:29 UTC
From: ldgyahoo@...
Topic: 7124 Message: 7126

Hi Neil,

There are no interface cables that we make for the FT-1000MP. You would need to use a generic tuner like the AT-100ProII.

Dwayne Kincaid
LDG

7127. AT897+ use "out of band"

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-01-05 16:26:02 UTC
From: wv8a@...
Topic: 7127 Message: 7127

I have an FT-897D with AT897Plus.
I often do some SWL-ing and Broadcast Band DXing.
Is there any way to make the AT897+ match/tune an antenna in this application, without going into Transmit mode (which I don't think the 897 would do outside of amateur bands)?
If not, I assume I'd have to bypass the AT897+ and use a manually operated tuner.
Chuck - WV8A

7128. Re: AT897+ use "out of band"

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-01-05 23:19:51 UTC
From: michael@...
Topic: 7127 Message: 7128

Hi Chuck, the FT-897D is capable of all frequency transmit from 1.8 to 30MHz continuous with a simple modification. However, transmitting on non-ham frequencies is obviously illegal and is normally carried of for MARS/CAP type purposes or like me, to "future proof" against band changes that happen from time to time.

The AT-897 is also capable of continuous HF tuning however, it cannot match without a carrier being sent, so using to match for SWL purposes is not an option.

73

Mike
M0SAZ

7129. Re: AT897+ use "out of band"

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-01-06 02:49:44 UTC
From: wv8a@...
Topic: 7127 Message: 7129

Mike- I figured this was probably the case, but thought maybe there might be a way to "fake it out."
Worth a query nonetheless.
Thanks, 73.

Chuck WV8A

7131. Re: AT897+ use "out of band"

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-01-06 20:49:42 UTC
From: iz3xnj@...
Topic: 7127 Message: 7131

Hi, maybe you could tune it in the nearest ham frequency, many broadcast band are not so far from an Ham band, so for example tuning in 21.445 should be not so bad for 13 meters band :-)

73 de IZ3XNJ

7132. ldg z100 plus

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-01-07 12:44:40 UTC
From: m6nae55@...
Topic: 7132 Message: 7132

can I use my ldg z100plus auto atu on my kenwood ts-590..

7133. Re: [LDG-auto-tuners] ldg z100 plus

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-01-07 13:17:39 UTC
From: Jimmy (WB8NBI)
Topic: 7132 Message: 7133

Yes you can.

DE Jimmy (WB8NBI)

From: mailto:LDG-auto-tuners@yahoogroups.com
Sent: Wednesday, January 7, 2015 7:44 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] ldg z100 plus

can I use my ldg z100plus auto atu on my kenwood ts-590..

7134. Re: [LDG-auto-tuners] ldg z100 plus

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-01-10 20:28:29 UTC
From: wb4rtp@...
Topic: 7132 Message: 7134

The LDG manual should have instructions for how to connect and use the tuner with a generic transceiver or transmitter. Also, look in the Kenwood manual for a menu setting that will set one of the PF (programmable function) buttons to transmit low-power CW. This is intended for convenience in SWR checking and tuner adjustment.

I don't know of an off-the-shelf product which will let you use the Kenwood trancsceiver's front panel AT button to trigger tuning unless you have the LDG model KT-100. I use my KT-100 regularly with my TS-480, but I have used it with my TS-590, and it is very convenient to use.

My generic comment on LDG tuners, based on forum comments and my experience with the KT-100, is that they are sensitive to RFI. I have installed big ferrite beads or toroid chokes (common mode filters) on all three cables connected to the KT-100, otherwise it sometimes has problems making a good match.

73, Avery, WB4RTP

7135. Re: yaesu ft450d ldg atu....

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-01-12 03:19:26 UTC
From: wftl14@...
Topic: 7038 Message: 7135

I have an AT-100-pro that has worked great for years with my Icom 706. When Cheapham discounted the YT-450 I bought one. It worked fine for about a week, then it locked the FT-950 in transmit and would not tune. I turned off everything and started again hoping it was just a fluke. After that pushing the tune button on the YT-450 did nothing. I have sent the YT-450 to LDG for repair. I hope they can solve the problem. It was fine while it worked so this is not a complaint. The antenna is a G5RV.

I could have just used the AT-100-pro on the FT-950 but I like a one button solution. So for now I'm using a manual tuner on the FT-950.

73, Mike W4DXL

7136. Re: yaesu ft450d ldg atu....

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-01-17 09:37:57 UTC
From: ve5kc@...
Topic: 7038 Message: 7136

The FT-450 doesn't need a special tuner. One of the great features of the 450 is that you can program the C.S button as for tuning your external tuner (or amp). You can also set the power output for this, I used 10w.

All you need is a tuner that will tune when it senses a RF signal.. LDG, MFJ.. etc. (I use the LDG Z11 Pro) Press and hold the C.S button and the rig puts out a CW carrier as long as you press the button. Hold it until the tuner completes the cycle.

A benefit is you don't need a dedicated tuner that is tied to one radio. If you change radio you can still use your some tuner. All the info is in the manual... it is worth reading..

73.. Ken - VE5KC

7137. AT-600ProII can't seem to store memories

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-01-19 06:09:14 UTC
From: switchman1008@...
Topic: 7137 Message: 7137

Just got an AT-800ProII but it does not seem to store memory like the 200ProII I have. It's really annoying to have to retune every time I change bands. Any ideas of what I'm doing wrong?

I tried tuning and then Func>Tune to save but no Joy.

73's
NU7R
Warren

7138. Re: AT-600ProII can't seem to store memories

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-01-19 16:56:28 UTC
From: switchman1008@...
Topic: 7137 Message: 7138

I meant an AT-600ProII

7139. AT100-ProII - memories per antenna?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-01-19 16:33:31 UTC
From: kevin@...
Topic: 7139 Message: 7139

I have two wire antennas, a fan dipole in the attic and an end fed that I run outside. I currently only have 1 current choke so I swap between the two antennas, only one is connected at a time. If I'm right, the AT100 has memories per antenna, is this correct? So if I'm swapping between 2 different antennas and only one is connected at a time, it would make sense to connect each to their own antenna input on the tuner and be consistent with with antenna I connect to which input on the tuner, would that make sense?

Thanks!
Kevin KK6DCT

7140. Re: AT100-ProII - memories per antenna?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-01-19 17:54:19 UTC
From: J. Keith Carter
Topic: 7139 Message: 7140

Re:I have two wire antennas, a fan dipole in the attic and an _*end fed
that I run outside*_. Thanks!
Kevin KK6DCT
Kevin, your post caught my eye inasmuch as I am in a position where I
have downsized and my only option
is an end fed wire from my window to a balcony, both second floor. So
far no joy, could you please describe
your end fed antenna. I have a well used RT-11 LDG tuner but it's
matching characteristics are the same as yours. I also have
a 1:1 current balun. my problem is I have no ground so I have to rely on
a counterpoise, of sorts. Your wisdom with
your LDG tuner would be appreciated. Many thanks, Keith, VE3JKC.

7141. Re: [LDG-auto-tuners] AT-600ProII can't seem to store memories

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-01-20 04:41:29 UTC
From: Brian Denley
Topic: 7137 Message: 7141

Warren:
I have the same tuner and it memory tunes just fine. What power are you tuning at? Have you tried the manual memory tune as described on page 14 (near the bottom) with the 0.5 to 2.5 second button hold? I can run any test on my tuner that might get to the bottom of this.

Brian KB1VBF

Sent from my iPad

> On Jan 19, 2015, at 1:09 AM, switchman1008@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:
>
> Just got an AT-800ProII but it does not seem to store memory like the 200ProII I have. It's really annoying to have to retune every time I change bands. Any ideas of what I'm doing wrong?
>
> I tried tuning and then Func>Tune to save but no Joy.
>
> 73's
> NU7R
> Warren
>
>
>
>

7142. Re: AT100-ProII - memories per antenna?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-01-20 05:31:18 UTC
From: kevin@...
Topic: 7139 Message: 7142

Hi Keith - the end fed I'm using is the QSO King, sold on ebay by Maple Leaf Studio. I haven't had any problems matching it with the LDG tuner, although on most bands it has < 2:1 swr anyway, in most cases < 1.5 : 1. I sent my threshhold on the tuner to 1.5, on 40m, 15m and 10m the tuner clicks in and tunes within a couple of clicks. I'm not using a counterpoise, but the instructions for this antenna have a minimum recommended length of coax, I suspect because the coax is acting as the counterpoise.

I'm not sure what's inside the matching box used by the QSO King, but I don't have any complaints so far.
Kevin KK6DCT

7143. Re: [LDG-auto-tuners] AT-600ProII can't seem to store memories

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-01-20 15:29:33 UTC
From: switchman1008@...
Topic: 7137 Message: 7143

Brian,

Thanks for the response. I have a Flex-3000 set to tune at 10 watts. I have followed the procedure on page 14 for manual tuning but when the unit didn't seem to remember on it's own after several days I tried doing the manual tune followed by the memory store procedure at the bottom of page 18. Still when I change bands and return I have to manually tune each time.

My 200ProII would remember the tuning using basically the same procedure so I could memorize the antenna settings for all bands. I using a Cobra Ultralite antenna if that has any bearing. I really like having the large meter attached to the tuner which is the main reason I switched to it.

Am I doing something wrong or is there a different procedure to store the settings?

73's,

Warren
NU7R

7144. Re: [LDG-auto-tuners] AT-600ProII can't seem to store memories

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-01-21 04:45:39 UTC
From: Brian Denley
Topic: 7137 Message: 7144

Warren:
Just one last clarification for my understanding: when you say manual tuning, are you referring to 'full tune'? The memory tune still requires you to push the tune button after changing bands or frequencies (unless you are set to fully automatic tuning and go ahead and transmit). Are we talking the same language?
If you are pushing the tune button for .5 to 2.5 seconds and it can't recall a previously stored tune, then it's probably defective.

Did the 200ProII work the same way?

Brian
KB1VBF

Sent from my iPad

> On Jan 20, 2015, at 10:29 AM, switchman1008@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:
>
> Brian,
>
> Thanks for the response. I have a Flex-3000 set to tune at 10 watts. I have followed the procedure on page 14 for manual tuning but when the unit didn't seem to remember on it's own after several days I tried doing the manual tune followed by the memory store procedure at the bottom of page 18. Still when I change bands and return I have to manually tune each time.
>
> My 200ProII would remember the tuning using basically the same procedure so I could memorize the antenna settings for all bands. I using a Cobra Ultralite antenna if that has any bearing. I really like having the large meter attached to the tuner which is the main reason I switched to it.
>
> Am I doing something wrong or is there a different procedure to store the settings?
>
> 73's,
>
> Warren
> NU7R
>
>

7145. Re: [LDG-auto-tuners] AT-600ProII can't seem to store memories

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-01-21 05:43:21 UTC
From: switchman1008@...
Topic: 7137 Message: 7145

Brian,

I switch to full auto and it seems to be working. The 200Pro worked either way so I was in memory tune so the tuner wouldn't go into a full scan which interrupts transmission.

At any rate it is working as expected now thanks for the help. I love these tuners.

73's,

Warren
NU7R

7146. Re: [LDG-auto-tuners] Re: AT100-ProII - memories per antenna?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-01-21 14:25:03 UTC
From: J. Keith Carter
Topic: 7139 Message: 7146

Hi Kevin and thanks for the info. I had looked at that antenna before but as you say it seems to need a specific length of Co-Ax. My situation is having downsized from 2 wooded acres and lots of antennas, I am now in a second story condo-apartment and my feed point is at the window, so really no Co-Ax feed. Oh yes lots of restrictions. But thanks for the response. I have also purchased the LDG RT-100/RC-100 remote tuner and if I can sneak a hole in the wall I can use it. After 65 years in Ham Radio, anything is possible. Best 73, Keith, VE3JKC.

On 1/20/2015 12:31 AM, kevin@... [LDG-auto-tuners] wrote:
>
> Hi Keith - the end fed I'm using is the QSO King, sold on ebay by
> Maple Leaf Studio. I haven't had any problems matching it with the LDG
> tuner, although on most bands it has < 2:1 swr anyway, in most cases <
> 1.5 : 1. I sent my threshhold on the tuner to 1.5, on 40m, 15m and 10m
> the tuner clicks in and tunes within a couple of clicks. I'm not using
> a counterpoise, but the instructions for this antenna have a minimum
> recommended length of coax, I suspect because the coax is acting as
> the counterpoise.
>
> I'm not sure what's inside the matching box used by the QSO King, but
> I don't have any complaints so far.
> Kevin KK6DCT
>
>

7147. Re: [LDG-auto-tuners] AT-600ProII can't seem to store memories

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-01-22 04:27:58 UTC
From: Brian Denley
Topic: 7137 Message: 7147

Great news Warren! Have fun!
73s
Brian KB1VBF

Sent from my iPad

> On Jan 21, 2015, at 12:43 AM, switchman1008@... [LDG-auto-tuners]
<LDG-auto-tuners@yahoogroups.com> wrote:
>
> Brian,
>
> I switch to full auto and it seems to be working. The 200Pro worked either way so I was
in memory tune so the tuner wouldn't go into a full scan which interrupts transmission.
>
> At any rate it is working as expected now thanks for the help. I love these tuners.
>
> 73's,
>
> Warren
> NU7R
>
>

7148. Blatent LDG rip off

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-01-22 20:53:26 UTC
From: michael@...
Topic: 7148 Message: 7148

If I were Dwayne and the guys at LDG I would be going for their heads. See eBay item 321606766616. A blatent copy.

Mike
M0SAZ

7149. Re: [LDG-auto-tuners] Blatent LDG rip off

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-01-22 21:12:44 UTC
From: Craig
Topic: 7148 Message: 7149

As one of the moderators and someone who is intimately familiar with LDG tuner design, I just approved the message and looked at the ebay auction. Wow! That surely is a substantial copy.

Craig

> On Jan 22, 2015, at 3:53 PM, "michael@... [LDG-auto-tuners]" <LDG-auto-tuners@...m> wrote:
>
> If I were Dwayne and the guys at LDG I would be going for their heads. See eBay item 321606766616. A blatent copy.
>
> Mike
> M0SAZ
>
> ------------------------------------
> Posted by: michael@...
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> Yahoo Groups Links
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7150. Re: [LDG-auto-tuners] Blatent LDG rip off

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-01-22 22:32:09 UTC
From: tchesek
Topic: 7148 Message: 7150

Reminds me of my Z11ProII. I don't understand why each unit has different color buttons and internal components. Buyers beware! Get a quality unit from LDG plus their warranty service is supreme! I have the Z11ProII and the AT1000Pro and love them both.

Tom K3TVC

-------- Original message --------
From: "Craig cpu_nut@yahoo.com [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com>
Date: 01/22/2015 4:12 PM (GMT-05:00)
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] Blatent LDG rip off

As one of the moderators and someone who is intimately familiar with LDG tuner design, I just approved the message and looked at the ebay auction. Wow! That surely is a substantial copy.

Craig

> On Jan 22, 2015, at 3:53 PM, "michael@amiga600.net [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:
>
> If I were Dwayne and the guys at LDG I would be going for their heads. See eBay item 321606766616. A blatent copy.
>
> Mike
> M0SAZ
>
> ------------------------------------
> Posted by: michael@amiga600.net
> ------------------------------------
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> Yahoo Groups Links
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7151. Re: [LDG-auto-tuners] Blatent LDG rip off

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-01-23 03:03:00 UTC
From: Brian Denley
Topic: 7148 Message: 7151

OEM?

Sent from my iPad

> On Jan 22, 2015, at 3:53 PM, michael@...t [LDG-auto-tuners]
<LDG-auto-tuners@yahoogroups.com> wrote:
>
> If I were Dwayne and the guys at LDG I would be going for their heads. See eBay item
321606766616. A blatent copy.
>
> Mike
> M0SAZ
>
>

7152. Re: [LDG-auto-tuners] Blatent LDG rip off

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-01-23 05:53:22 UTC
From: KK2DOG in NY
Topic: 7148 Message: 7152

China's been copying/counterfeiting our stuff for YEARS.They just made a 'copy' of our latest stealth fighter the F-35the other day too. Hmmm...I wonder how they got the plans?

KK2DOG

From the REAL upstate New York in grid FN24

From: "Brian Denley b.denley@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com>
To: "LDG-auto-tuners@yahoogroups.com" <LDG-auto-tuners@yahoogroups.com>
Sent: Thursday, January 22, 2015 10:03 PM
Subject: Re: [LDG-auto-tuners] Blatent LDG rip off

OEM?

Sent from my iPad
On Jan 22, 2015, at 3:53 PM, michael@... [LDG-auto-tuners]
<LDG-auto-tuners@yahoogroups.com> wrote:

If I were Dwayne and the guys at LDG I would be going for their heads. See eBay item 321606766616. A blatent copy.

Mike
M0SAZ

7153. Tuner for Yaesu FT-991

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-01-23 10:38:13 UTC
From: ve5kc@...
Topic: 7153 Message: 7153

The FT-991 is still fairly new and not a lot of the out there yet...

Does anyone in the group have one yet who share their experience with us on what LDG tuner(s) work best?

73.. Ken - VE5KC

7154. Re: [LDG-auto-tuners] Blatent LDG rip off

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-01-22 23:03:23 UTC
From: rolandbrade@...
Topic: 7148 Message: 7154

Looks like a back door product to me. I'm surprised they went to the trouble of different coloured buttons and even changing the name. If it had been one of the international brands of electronics product they would not have bothered. Roley G3VIR

---In LDG-auto-tuners@yahoogroups.com, <tchesek@...> wrote :

Reminds me of my Z11ProII. I don't understand why each unit has different color buttons and internal components. Buyers beware! Get a quality unit from LDG plus their warranty service is supreme! I have the Z11ProII and the AT1000Pro and love them both.

Tom K3TVC

-------- Original message --------
From: "Craig cpu_nut@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com>
Date: 01/22/2015 4:12 PM (GMT-05:00)
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] Blatent LDG rip off

As one of the moderators and someone who is intimately familiar with LDG tuner design, I just approved the message and looked at the ebay auction. Wow! That surely is a substantial copy.

Craig

> On Jan 22, 2015, at 3:53 PM, "michael@... [LDG-auto-tuners]"
<LDG-auto-tuners@yahoogroups.com> wrote:
>
> If I were Dwayne and the guys at LDG I would be going for their heads. See eBay item 321606766616. A blatent copy.
>
> Mike
> M0SAZ
>
> ------------------------------------
> Posted by: michael@...
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7155. Re: [LDG-auto-tuners] Blatent LDG rip off

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-01-23 01:57:08 UTC
From: WolfBob
Topic: 7148 Message: 7155

The price is very high for a copy..

----- Original Message -----
From: Craig cpu_nut@... [LDG-auto-tuners]
To: LDG-auto-tuners@yahoogroups.com
Sent: Thursday, January 22, 2015 1:12 PM
Subject: Re: [LDG-auto-tuners] Blatent LDG rip off

As one of the moderators and someone who is intimately familiar with LDG tuner design, I just approved the message and looked at the ebay auction. Wow! That surely is a substantial copy.

Craig

> On Jan 22, 2015, at 3:53 PM, "michael@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:
>
> If I were Dwayne and the guys at LDG I would be going for their heads. See eBay item 321606766616. A blatent copy.
>
> Mike
> M0SAZ
>
> ------------------------------------
> Posted by: michael@...
> ------------------------------------
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> Yahoo Groups Links
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7156. Re: [LDG-auto-tuners] Blatent LDG rip off

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-01-23 11:07:14 UTC
From: kwacka2@...
Topic: 7148 Message: 7156

There's an announcement of it on a Chinese forum
http://www.hellocq.net/forum/read.php?tid=301011&page=1
http://www.hellocq.net/forum/read.php?tid=301011&page=1 dated 08/27/2012 and a 1Kw version dated 08/22/2012 http://www.hellocq.net/forum/read.php?tid=300792&page=1
http://www.hellocq.net/forum/read.php?tid=300792&page=1

7157. Re: Blatent LDG rip off

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-01-23 09:37:12 UTC
From: razvanfatu@...
Topic: 7148 Message: 7157

Just the case is similar to the one from Z-11Pro II, the insides are totally different - and they seem to be using quality components. I'd say it's a very good thing there are other options out there, it can only benefit the customers.

Razvan YO9IRF

7158. Re: Blatent LDG rip off

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-01-23 14:22:19 UTC
From: Mike Miranda
Topic: 7148 Message: 7158

I just tried the website listed on the front of the tuner....nada....so they might be gone already.
73,
Mike W4DXL

7159. RE: [LDG-auto-tuners] Blatent LDG rip off

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-01-22 23:37:50 UTC
From: k4ize-bw
Topic: 7148 Message: 7159

Are you really surprised that a Chinese copy is for sale on eBay???

“Usually all the items will be shipped via Hong Kong Post Airmail or China Post Airmail.”

They can do this with impunity because we cannot touch them. Actually, some of this stuff is pretty good for the price. If I need a cheap auto-tuner to put in a wx-proof box at the base of an antenna, I would seriously consider this one. I have a real LDG 1000 ProII in my shack. 73,

Bill – K4IZE

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com]
Sent: Thursday, January 22, 2015 3:53 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Blatent LDG rip off

If I were Dwayne and the guys at LDG I would be going for their heads. See eBay item 321606766616. A blatent copy.

Mike
M0SAZ

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http://www.avast.com

7160. Re: [LDG-auto-tuners] Blatent LDG rip off

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-01-23 15:30:07 UTC
From: Don Sanders
Topic: 7148 Message: 7160

At $280 US I would rather spend my money at LDG.

I love my AT100 PRO.

Dr. Don W4BWS

On Thu, Jan 22, 2015 at 6:37 PM, 'k4ize-bw' k4ize-bw@...
[LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:

>
>
> Are you really surprised that a Chinese copy is for sale on eBay???
>
>
>
> “Usually all the items will be shipped via Hong Kong Post Airmail or China
> Post Airmail.”
>
>
>
> They can do this with impunity because we cannot touch them. Actually,
> some of this stuff is pretty good for the price. If I need a cheap
> auto-tuner to put in a wx-proof box at the base of an antenna, I would
> seriously consider this one. I have a real LDG 1000 ProII in my shack. 73,
>
>
>
> Bill – K4IZE
>
>
>
> *From:* LDG-auto-tuners@yahoogroups.com [mailto:
> LDG-auto-tuners@yahoogroups.com]
> *Sent:* Thursday, January 22, 2015 3:53 PM
> *To:* LDG-auto-tuners@...m
> *Subject:* [LDG-auto-tuners] Blatent LDG rip off
>
>
>
>
>
>
> If I were Dwayne and the guys at LDG I would be going for their heads. See
> eBay item 321606766616. A blatent copy.
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> Mike
> M0SAZ

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>
> ------------------------------
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>
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> www.avast.com
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>
>

7161. Re: [LDG-auto-tuners] Re: Blatent LDG rip off

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-01-23 14:54:26 UTC
From: John
Topic: 7148 Message: 7161

It doesn’t cover 160m. On sale at http://www.taobao.com/ price Chinese Yuan 850 = UK£90 US$136

From: mailto:LDG-auto-tuners@yahoogroups.com
Sent: Friday, January 23, 2015 9:37 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: Blatent LDG rip off

Just the case is similar to the one from Z-11Pro II, the insides are totally different - and they
seem to be using quality components. I'd say it's a very good thing there are other options out
there, it can only benefit the customers.

Razvan YO9IRF

7162. Re: [LDG-auto-tuners] Blatent LDG rip off

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-01-23 14:57:34 UTC
From: Tom Chesek
Topic: 7148 Message: 7162

Bill,

...but you can buy an LDG with similar specs for less money so why risk buying this one at all?

Tom K3TVC

From: mailto:LDG-auto-tuners@yahoogroups.com
Sent: Thursday, January 22, 2015 18:37
To: LDG-auto-tuners@yahoogroups.com
Subject: RE: [LDG-auto-tuners] Blatent LDG rip off

Are you really surprised that a Chinese copy is for sale on eBay???

“Usually all the items will be shipped via Hong Kong Post Airmail or China Post Airmail.”

They can do this with impunity because we cannot touch them. Actually, some of this stuff is pretty good for the price. If I need a cheap auto-tuner to put in a wx-proof box at the base of an antenna, I would seriously consider this one. I have a real LDG 1000 ProII in my shack. 73,

Bill – K4IZE

From: LDG-auto-tuners@...m [mailto:LDG-auto-tuners@yahoogroups.com]
Sent: Thursday, January 22, 2015 3:53 PM

To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Blatent LDG rip off

If I were Dwayne and the guys at LDG I would be going for their heads. See eBay item 321606766616. A blatent copy.

Mike
M0SAZ

This email has been checked for viruses by Avast antivirus software.
www.avast.com

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1434 / Virus Database: 4257/8480 - Release Date: 01/23/15

7164. Re: Blatent LDG rip off

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-01-23 17:07:45 UTC
From: lciotti1@...
Topic: 7148 Message: 7164

The origina design was published so the design is out there for public consumption. All they have to do is come up with the srouce code for a modern microcontroller. Granted they copied the casework from LDG, and the design is likely a copy, but really nothing can stop them.

7165. RE: [LDG-auto-tuners] Blatent LDG rip off

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-01-23 21:12:19 UTC
From: k4ize-bw
Topic: 7148 Message: 7165

I have never seen a LDG auto-tuner for $130-150. If it works at all, it would be fine as a dispensable unit to take to the field or at the feed point of an antenna. I'll stick with the LDG at home. Bill – K4IZE

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com]
Sent: Friday, January 23, 2015 9:58 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] Blatent LDG rip off

Bill,

...but you can buy an LDG with similar specs for less money so why risk buying this one at all?

Tom K3TVC

From: mailto:LDG-auto-tuners@yahoogroups.com

Sent: Thursday, January 22, 2015 18:37

To: LDG-auto-tuners@yahoogroups.com

Subject: RE: [LDG-auto-tuners] Blatent LDG rip off

Are you really surprised that a Chinese copy is for sale on eBay???

"Usually all the items will be shipped via Hong Kong Post Airmail or China Post Airmail."

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Sent: Thursday, January 22, 2015 3:53 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Blatent LDG rip off

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Mike
M0SAZ

<http://www.avast.com/>

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www.avast.com <http://www.avast.com/>

No virus found in this message.
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Version: 10.0.1434 / Virus Database: 4257/8480 - Release Date: 01/23/15

This email has been checked for viruses by Avast antivirus software.
http://www.avast.com

7166. RE: [LDG-auto-tuners] Blatent LDG rip off

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-01-24 00:18:15 UTC
From: Tony Magon
Topic: 7148 Message: 7166

Hi All. In the last few years QST has been translated into Chinese by agreement between QST and a Chinese ham.
73. Tony VK2IC

7168. Re:

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-01-24 01:36:32 UTC
From: vernc@...
Topic: 7167 Message: 7168

It looks the same but is the software the same? I'm sure it could be. It would be easy to copy.
Vern
WA4VLC

7169. Re: [LDG-auto-tuners] Blatent LDG rip off

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-01-24 00:01:27 UTC
From: WolfBob
Topic: 7148 Message: 7169

Looks a lot like $155 to me..

See:

http://www.gigaparts.com/LDG-Electronics-Z-11PROII.html?gclid=CKbb8ZCpq8MCFYlefgodcg4A1A

I seem to remember paying $129 for mine in some kind of sale a couple years ago.

Bob
----- Original Message -----
From: 'k4ize-bw' k4ize-bw@... [LDG-auto-tuners]
To: LDG-auto-tuners@yahoogroups.com
Sent: Friday, January 23, 2015 1:12 PM
Subject: RE: [LDG-auto-tuners] Blatent LDG rip off

I have never seen a LDG auto-tuner for $130-150. If it works at all, it would be fine as a dispensable unit to take to the field or at the feed point of an antenna. I'll stick with the LDG at home. Bill – K4IZE

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Sent: Friday, January 23, 2015 9:58 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] Blatent LDG rip off

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...but you can buy an LDG with similar specs for less money so why risk buying this one at all?

Tom K3TVC

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Sent: Thursday, January 22, 2015 18:37

To: LDG-auto-tuners@yahoogroups.com

Subject: RE: [LDG-auto-tuners] Blatent LDG rip off

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Sent: Thursday, January 22, 2015 3:53 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Blatent LDG rip off

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Mike
M0SAZ

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No virus found in this message.
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Version: 10.0.1434 / Virus Database: 4257/8480 - Release Date: 01/23/15

This email has been checked for viruses by Avast antivirus software.
www.avast.com

7170. Re: Tuner for Yaesu FT-991

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-01-24 00:58:49 UTC
From: steve.lenaghan@...
Topic: 7153 Message: 7170

A tuner is built in Steve VE5SR

7171. Re: Tuner for Yaesu FT-991

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-01-25 07:50:14 UTC
From: ve5kc@...
Topic: 7153 Message: 7171

Hi Steve,

Yes we know there is a built in tuner. The problem this tuner, like those in most other transceivers, is that it only can match antennae with a SWR up to 3:1 match (some where around that). It is good to touch up the match on a resonant antenna when you go away from the tuned frequency. It is more of an antenna tweaker. A lot of us would like to see a LDG type wide range tuner in our rigs . For some reason, the manufacturers just don't get it.

Some of us use antennae that have an SWR a lot higher than 3:1. My antennae system is not resonant on any amateur frequency. It is intentionally made this way for multi-band use with a tuner. External tuners like LDG have a much wider tuning range up 10:1 and work very well.

73.. Ken - VE5KC

---In LDG-auto-tuners@yahoogroups.com, <steve.lenaghan@...> wrote :

A tuner is built in Steve VE5SR

7172. Re: Tuner for Yaesu FT-991

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-01-25 15:28:26 UTC
From: steve.lenaghan@...
Topic: 7153 Message: 7172

I run a 135' OCF which does a reasonable job on ham and CFARS frequencies but I expect the radiation pattern to be all over the place considering elevation and orientation. I reminded my customers all the time that an antenna tuner, fixed, mobile or airborne is only to make the radio happy with the antenna impedance. If you have a SWR of 3:1 at your radio you are losing 33% in reflected power. It gets worse http://www.arrl.org/files/file/Technology/tis/info/pdf/q1106037.pdf as you go higher in SWR. Then there is the quirk of line loss. The reflected power read at radio is actually lower than at the antenna. At VHF/UHF this can mimic a situation where apparent SWR is good and the antenna 150' up is actually open.

Having a tuner that will tune a bedspring or wet string is good for the radio but not for communications.

My suggestion. If the SWR is higher than you would like, consider rebuilding your antenna to something more efficient, if possible for your footprint. Military Sigs suggest building HF antennas for the lowest frequency needed and using harmonically related frequencies. Consider a T2FD

73 Steve VE5SR (x-Collins HF, RC Sigs)

7173. Re: Blatent LDG rip off

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-01-25 18:56:26 UTC
From: Furliips Stardust
Topic: 7148 Message: 7173

Two things...
1. It's a waste of considerable resources to "go after them."2. It's actually a mark of quality when you're products get copied.
And a question none of you have to answer.
"How many of you buy Chinese to save money?"
"How many of you deny it and do the usual ranting about buy USA""How many products out there, are actually MADE in the USA anymore anyway?"
Jeff-wa6fwi

7174. Re: Tuner for Yaesu FT-991

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-01-26 02:43:33 UTC
From: ve5kc@...
Topic: 7153 Message: 7174

For various reasons, some of us do not have the space and/or option to put up a good antenna. (good by others standards) The LDG tuners work very well in these situation.

I've been playing radio for around 50 years and once had nice antennae, tower and beams. Now am retired, living in a senior housing unit. I'm happy to have what I have for antennae.. I'm on the air and having fun..

Despite the math and all the figures it is surprising to see just how well my compromise antennae work. I've worked the world, all with less that 100 watts and often even with a QRP rig. Today I had a nice long QSO with a chap in the US, on 15m, running 5w AM (IC-703).. into my home-brew vertical. It is is 25 ft long, about 10ft off the ground with 3 short radials.. fed with a LDG 4:1 Unun and of course a LDG tuner in the shack. My other antenna is 80ft long, fed in the center with about 15ft of 300 ohm twin-lead to a LDG 4:1 Balun, then coax into the shack and to the LDG tuner. (Z11Pro).

Tuners like the LDG have their place. It's nice to have the best for antennae but as I tell other hams all the time, put up what you can.. what fits your space and budget, use some kind of tuner even if you home-brew it out of junk. Get on the air and have fun.. Theory is great but it's what works in a situation that counts. There was a time when we had no SWR meters and no one knew about SWR.. thus we were not bother with it.. So how in the world did we ever manage to get on the air... Hi..

73... Ken - VE5KC

---In LDG-auto-tuners@yahoogroups.com, <steve.lenaghan@...> wrote :

I run a 135' OCF which does a reasonable job on ham and CFARS frequencies but I expect the radiation pattern to be all over the place considering elevation and orientation. I reminded my customers all the time that an antenna tuner, fixed, mobile or airborne is only to make the radio happy with the antenna impedance. If you have a SWR of 3:1 at your radio you are losing 33% in reflected power. It gets worse http://www.arrl.org/files/file/Technology/tis/info/pdf/q1106037.pdf as you go higher in SWR. Then there is the quirk of line loss. The reflected power read at radio is actually lower than at the antenna. At VHF/UHF this can mimic a situation where apparent SWR is good and the antenna 150' up is actually open.

Having a tuner that will tune a bedspring or wet string is good for the radio but not for communications.

My suggestion. If the SWR is higher than you would like, consider rebuilding your antenna to something more efficient, if possible for your footprint. Military Sigs suggest building HF antennas for the lowest frequency needed and using harmonically related frequencies. Consider a T2FD

73 Steve VE5SR (x-Collins HF, RC Sigs)

7175. Problem with LDG Z817 and Yaesu ft-817nd

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-01-26 05:23:37 UTC
From: Richard Hansen
Topic: 7175 Message: 7175

The tuner seems to work fine on 40 and 20 meters but when I use it on 17, 15 and 10 it appears that it gets a match but then fails to unkey the transmitter. It seems to work ok into a dummy load on the offending bands but not on my antenna. On those bands it indicates a good match and the relays stop after a few seconds - I let it go for a full 40 seconds but the transmitter never drops. The only way to get the transmitter to drop is to turn off the radio. The tuner works as advertised on 40 and 20 meters. Can anyone help? Thanks. Larrylane

7176. RE: [LDG-auto-tuners] Problem with LDG Z817 and Yaesu ft-817nd

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-01-26 21:47:25 UTC
From: k4ize-bw
Topic: 7175 Message: 7176

It is not uncommon to see RF cause the xcvr to remain in xmit. A lot depends on the antenna design, the transmission line and most of all, your ground system. Perhaps if we had a more details about your setup, we could make some suggestions.

Have you tried those bands on a dummy load??

73, Bill – K4IZE

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com]
Sent: Monday, January 26, 2015 12:24 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Problem with LDG Z817 and Yaesu ft-817nd

The tuner seems to work fine on 40 and 20 meters but when I use it on 17, 15 and 10 it appears that it gets a match but then fails to unkey the transmitter. It seems to work ok into a dummy load on the offending bands but not on my antenna. On those bands it indicates a good match and the relays stop after a few seconds - I let it go for a full 40 seconds but the transmitter never drops. The only way to get the transmitter to drop is to turn off the radio. The tuner works as advertised on 40 and 20 meters. Can anyone help? Thanks. Larrylane

---
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http://www.avast.com

7177. Re: AT100-ProII - memories per antenna?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-01-27 00:41:51 UTC
From: larrylb@...
Topic: 7139 Message: 7177

I have a home made end fed antenna I use a home made 9 to 1 unun. I believe the impedance at the fed end should be around 450 ohms
ie the need for a 9 to 1unun using a 1 to 1 may be your problem
why it won't tune. mine works great.
I could be wrong check out some end fed designs

LARRY KB8EMD

7178. Frustrated with LDG Z11 Pro2

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-02-06 14:09:57 UTC
From: rmckee1957@...
Topic: 7178 Message: 7178

Recently I built an off center fed dipole for 80 thru 10 meter operation using a homebrew 4:1 dual core current balun. The antenna itself is working great except I cannot seem to get the swr below 2.3:1 on 80 meters and 2.2:1 on 17 meters, so I figured I would just get an LDG Z11 Pro 2 and us that to fine tune it with. Now, I hook up the tuner and on 80 meters it will start to tune and then stop at 2.1:1 swr - only drops it 2 points as measured on a digital swr meter. Then I use the manual tune mode using the C up button and get it down to a flat 1:1 swr. After a few minutes, it starts a new tuning sequence and stops on 2.1:1 again. Hit the C up button, drop it to 1:1 and a few minutes later it retunes to 2.1:1 again - UNREAL ! My Yaesu doesn't like anything over a 1.7:1 and cuts power back about a third with anything over that, so why does the Pro2 stop at 2.1:1 swr when the antenna is only 2.3:1 to begin with ? Is there a way to set it up so that it tunes lower than that and then doesn't retune every few minutes ? By checking the swr on the antenna direct, nothing is changing there, so why is the tuner retuning ? This is my third LDG product and had similar problems with every one of them. I'm ready to go back to a ladder line fed antenna and a manual tuner at this point ! If a tuner won't tune the antenna when its close to begin with, then its nothing more than a paper weight to me !

7179. Re: [LDG-auto-tuners] Frustrated with LDG Z11 Pro2

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-02-06 15:51:03 UTC
From: Jimmy (WB8NBI)
Topic: 7178 Message: 7179

Sounds like RF getting into the tuner to me.

From: mailto:LDG-auto-tuners@yahoogroups.com
Sent: Friday, February 6, 2015 9:09 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Frustrated with LDG Z11 Pro2

Recently I built an off center fed dipole for 80 thru 10 meter operation using a homebrew 4:1 dual core current balun. The antenna itself is working great except I cannot seem to get the swr below 2.3:1 on 80 meters and 2.2:1 on 17 meters, so I figured I would just get an LDG Z11 Pro 2 and us that to fine tune it with. Now, I hook up the tuner and on 80 meters it will start to tune and then stop at 2.1:1 swr - only drops it 2 points as measured on a digital swr meter. Then I use the manual tune mode using the C up button and get it down to a flat 1:1 swr. After a few minutes, it starts a new tuning sequence and stops on 2.1:1 again. Hit the C up button, drop it to 1:1 and a few minutes later it retunes to 2.1:1 again - UNREAL ! My Yaesu doesn't like anything over a 1.7:1 and cuts power back about a third with anything over that, so why does the Pro2 stop at 2.1:1 swr when the antenna is only 2.3:1 to begin with ? Is there a way to set it up so that it tunes lower than that and then doesn't retune every few minutes ? By checking the swr on the antenna direct, nothing is changing there, so why is the tuner retuning ? This is my third LDG product and had similar problems with every one of them. I'm ready to go back to a ladder line fed antenna and a manual tuner at this point ! If a tuner won't tune the antenna when its close to begin with, then its nothing more than a paper weight to me !

7180. Re: [LDG-auto-tuners] Frustrated with LDG Z11 Pro2

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-02-06 15:51:43 UTC
From: Leonard K. Pennock
Topic: 7178 Message: 7180

Try setting "Automatic Tuning SWR Threshold" page 18 in the manual.

Leonard K. Pennock
AD7AS

Those who walk bravely through life, unafraid of loss or failure,
find that they very rarely lose or fail.

On 02/06/2015 07:09 AM, rmckee1957@... [LDG-auto-tuners] wrote:
>
>
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> using a homebrew 4:1 dual core current balun. The antenna itself is
> working great except I cannot seem to get the swr below 2.3:1 on 80
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> tuner at this point ! If a tuner won't tune the antenna when its close
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7181. Re: Frustrated with LDG Z11 Pro2

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-02-06 16:08:11 UTC
From: rmckee1957@...
Topic: 7178 Message: 7181

You would think that is not the case in a device that is designed to have RF running through it ? But I did add 10 ferrite beads to the coax to eliminate that problem when I built the antenna. Before I added them the swr would change slightly when touching the coax connector or from grounded to ungrounded. Now with the beads in place the swr stays steady and no RF detected on the shield with a field strength meter.

7182. Re: Frustrated with LDG Z11 Pro2

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-02-06 16:09:52 UTC
From: rmckee1957@...
Topic: 7178 Message: 7182

I will give that a try, found my manual late last night but was too tired to read it and gave up to go to bed. Will try that this evening.

7183. Re: add an swr bridge?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-02-06 17:05:54 UTC
From: rmckee1957@...
Topic: 6987 Message: 7183

I would recommend putting an swr meter between the radio and the tuner - I don't trust the idiot lights on the tuner. Nothing wrong at all using an swr bridge between the tuner and the rig !

7184. RE: [LDG-auto-tuners] Frustrated with LDG Z11 Pro2

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-02-06 17:46:12 UTC
From: k4ize-bw
Topic: 7178 Message: 7184

Better yet, turn off auto-tune so a cycle is started ONLY by the tune button. I do not have the same tuner, so pse excuse if this is not applicable.

You might also want to try it while bypassing the balun….

Bill – K4IZE

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com]
Sent: Friday, February 06, 2015 10:52 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] Frustrated with LDG Z11 Pro2

Try setting "Automatic Tuning SWR Threshold" page 18 in the manual.

Leonard K. Pennock
AD7AS

Those who walk bravely through life, unafraid of loss or failure,
find that they very rarely lose or fail.

On 02/06/2015 07:09 AM, rmckee1957@... [LDG-auto-tuners] wrote:
>
>
> Recently I built an off center fed dipole for 80 thru 10 meter operation
> using a homebrew 4:1 dual core current balun. The antenna itself is
> working great except I cannot seem to get the swr below 2.3:1 on 80
> meters and 2.2:1 on 17 meters, so I figured I would just get an LDG Z11
> Pro 2 and us that to fine tune it with. Now, I hook up the tuner and on
> 80 meters it will start to tune and then stop at 2.1:1 swr - only drops
> it 2 points as measured on a digital swr meter. Then I use the manual
> tune mode using the C up button and get it down to a flat 1:1 swr.
> After a few minutes, it starts a new tuning sequence and stops on 2.1:1
> again. Hit the C up button, drop it to 1:1 and a few minutes later it
> retunes to 2.1:1 again - UNREAL ! My Yaesu doesn't like anything over a
> 1.7:1 and cuts power back about a third with anything over that, so why
> does the Pro2 stop at 2.1:1 swr when the antenna is only 2.3:1 to begin
> with ? Is there a way to set it up so that it tunes lower than that and
> then doesn't retune every few minutes ? By checking the swr on the
> antenna direct, nothing is changing there, so why is the tuner retuning
> ? This is my third LDG product and had similar problems with every one
> of them. I'm ready to go back to a ladder line fed antenna and a manual
> tuner at this point ! If a tuner won't tune the antenna when its close
> to begin with, then its nothing more than a paper weight to me !
>
>

This email has been checked for viruses by Avast antivirus software.
http://www.avast.com

7185. Re: [LDG-auto-tuners] Frustrated with LDG Z11 Pro2

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-02-06 20:51:20 UTC
From: Joe
Topic: 7178 Message: 7185

Is it possibly the location of your equipment? Are you on the second or third floor of a building? Long ground connection? I've seen these things cause strange problems.

73, Joe, K1ike

On 2/6/2015 9:09 AM, rmckee1957@... [LDG-auto-tuners] wrote:
> .....This is my third LDG product and had similar problems with
> every one of them. I'm ready to go back to a ladder line fed antenna
> and a manual tuner at this point ! If a tuner won't tune the antenna
> when its close to begin with, then its nothing more than a paper
> weight to me !

7186. Re: [LDG-auto-tuners] Frustrated with LDG Z11 Pro2

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-02-06 20:58:56 UTC
From: Hank Greeb
Topic: 7178 Message: 7186

You didn't describe the physical layout of where the balun is in
relation to the dipole, and the location of the tuner.

But, my guess is that RF is getting into the tuner from the unbalanced
line from the Off Center feed. An OCF dipole IS, by definition, and
unbalanced load. There WILL be currents on the outside of the coax from
the feed point down to your balun. If your balun is at the center,
still the same, because you have unbalance in the antenna itself.

Try putting ferrite beads every place which you can. i.e., on the
outside of the coax coax and the power line to the tuner. and on the
outside of coax from the balun to the tuner, and, if there's coax from
the center of the OCF dipole to the balun, put some there. IF RF is
getting into the microprocessor it will be very erratic.

Note, I use 400 ohm (nominal) window (ladder) line feed, a LDG 4/1
voltage balun or a LDG 1/1 current balun depending on the band of
choice, to a center fed 80 meter dipole. I never have a problem with
my Z-100 tuner. Of course, it doesn't have an auto tune, I need to
punch a button to get it to tune. However, the SWR which my rig sees is
generally <1.5 to 1, after tuning the Z-100/ My rig doesn't care - it
will put out power at SWR=3/1 or even higher.

72/73 de n8xx Hg
QRP >99.44% of the time

On 2/6/2015 9:09 AM, rmckee1957@... [LDG-auto-tuners] wrote:
> Recently I built an off center fed dipole for 80 thru 10 meter
> operation using a homebrew 4:1 dual core current balun. The antenna
> itself is working great except I cannot seem to get the swr below
> 2.3:1 on 80 meters and 2.2:1 on 17 meters, so I figured I would just
> get an LDG Z11 Pro 2 and us that to fine tune it with. Now, I hook up
> the tuner and on 80 meters it will start to tune and then stop at
> 2.1:1 swr - only drops it 2 points as measured on a digital swr
> meter. Then I use the manual tune mode using the C up button and get
> it down to a flat 1:1 swr. After a few minutes, it starts a new
> tuning sequence and stops on 2.1:1 again. Hit the C up button, drop
> it to 1:1 and a few minutes later it retunes to 2.1:1 again - UNREAL
> ! My Yaesu doesn't like anything over a 1.7:1 and cuts power back
> about a third with anything over that, so why does the Pro2 stop at
> 2.1:1 swr when the antenna is only 2.3:1 to begin with ? Is there a
> way to set it up so that it tunes lower than that and then doesn't
> retune every few minutes ? By checking the swr on the antenna direct,
> nothing is changing there, so why is the tuner retuning ? This is my
> third LDG product and had similar problems with every one of them.
> I'm ready to go back to a ladder line fed antenna and a manual tuner

> at this point ! If a tuner won't tune the antenna when its close to
> begin with, then its nothing more than a paper weight to me !

7187. RE: [LDG-auto-tuners] Frustrated with LDG Z11 Pro2

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-02-06 19:50:34 UTC
From: rmckee1957@...
Topic: 7178 Message: 7187

Yeah, I need to sit down with the manual - I have never really read it. <sheepish grin>

The bad thing about that is, I preach reading manuals all the time to my customers, I'm an automotive service advisor !

Bad on me !!!!

7188. Re: [LDG-auto-tuners] Frustrated with LDG Z11 Pro2

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-02-06 22:14:20 UTC
From: Tom Chesek
Topic: 7178 Message: 7188

I think technical people have always subscribed to “if all else fails read the directions”. I know that is how I operate. <grin>

Tom K3TVC

From: mailto:LDG-auto-tuners@yahoogroups.com
Sent: Friday, February 06, 2015 14:50
To: LDG-auto-tuners@yahoogroups.com
Subject: RE: [LDG-auto-tuners] Frustrated with LDG Z11 Pro2

Yeah, I need to sit down with the manual - I have never really read it. <sheepish grin>

The bad thing about that is, I preach reading manuals all the time to my customers, I'm an automotive service advisor !

Bad on me !!!!

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1434 / Virus Database: 4257/8565 - Release Date: 02/06/15

7189. Re: [LDG-auto-tuners] Frustrated with LDG Z11 Pro2

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-02-06 22:56:25 UTC
From: Hank Greeb
Topic: 7178 Message: 7189

That works (generally) for modern day computers, but for the complex radios, it sometimes doesn't work.

But, I bought a very used LDG Z-100 for a song from a friend who had left it in the rear window of his pickup truck. The case was/is warped so bad that the clamshell won't fit. I taped it with electricians tape, put power to it, hooked it to my rig, and it works fine. I didn't bother downloading the manual until much later, just to see if there were any "tricks of the trade" which weren't obvious. The Z-100 has been working like a champ for over two years (maybe 3 years) now, both at home and in the field.

I even contacted LDG, have a source for their (obsolete) case, which is still in production at their supplier, but haven't gotten around to buying a new one.

72/73 de n8xx Hg
QRP >99.44% of the time

On 2/6/2015 5:14 PM, 'Tom Chesek' tchesek@... [LDG-auto-tuners] wrote:
> I think technical people have always subscribed to “if all else fails
> read the directions”. I know that is how I operate. <grin>

7190. Re: Frustrated with LDG Z11 Pro2

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-02-07 14:05:07 UTC
From: Jonathan Helis KB5IAV
Topic: 7178 Message: 7190

>
> Messages
> ____
> 1a. Frustrated with LDG Z11 Pro2
> Posted by: rmckee1957@... lame1wolf
> Date: Fri Feb 6, 2015 7:44 am ((PST))
>
>
>
> Recently I built an off center fed dipole for 80 thru 10 meter operation using a homebrew 4:1 dual core current balun. The antenna itself is working great except I cannot seem to get the swr below 2.3:1 on 80 meters and 2.2:1 on 17 meters, so I figured I would just get an LDG Z11 Pro 2 and us that to fine tune it with. Now, I hook up the tuner and on 80 meters it will start to tune and then stop at 2.1:1 swr - only drops it 2 points as measured on a digital swr meter. Then I use the manual tune mode using the C up button and get it down to a flat 1:1 swr. After a few minutes, it starts a new tuning sequence and stops on 2.1:1 again. Hit the C up button, drop it to 1:1 and a few minutes later it retunes to 2.1:1 again - UNREAL ! My Yaesu doesn't like anything over a 1.7:1 and cuts power back about a third with anything over that, so why does the Pro2 stop at 2.1:1 swr when the antenna is only 2.3:1 to begin with ? Is there a way to set it up so that it tunes lower than that
> and then doesn't retune every few minutes ? By checking the swr on the antenna direct, nothing is changing there, so why is the tuner retuning ? This is my third LDG product and had similar problems with every one of them. I'm ready to go back to a ladder line fed antenna and a manual tuner at this point ! If a tuner won't tune the antenna when its close to begin with, then its nothing more than a paper weight to me !
>
>
>

I have the Z11 Pro and have had a similar problem. The tuner would tune down to 1:1 but would sometimes start retuning during a QSO. It would sometimes start turning if I keyed up a 2 meter handheld in the shack that wasn't even connected to it.

The workaround I used was to set the tuner so it only tunes when I hit the tune button it. It's an extra step, but it solved the problem.

I'm running a similar setup with a twinlead fed open loop with a 4:1 balun at the tuner.

--
73,

Jonathan Helis, KB5IAV
Baton Rouge, Louisiana, U.S.A.

7191. Re: [LDG-auto-tuners] Frustrated with LDG Z11 Pro2

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-02-07 14:36:35 UTC
From: steve.lenaghan@...
Topic: 7178 Message: 7191

Could someone give me a good explanation of "RF getting into the tuner"? I'm former Collins FSR, broadcast and avionics and worked on RF a lot more potent than this. Tuners are FULL of RF, its how things happen when you have all those wires and coils and stuff. The trick is keeping the RF inside the tuner except for the stuff you want at the antenna. If you try to tune into a load that is outside the capability of the tuner the excess reflected power will get back in. Remember that a tuner will not correct antenna SWR it will only attempt to match the radio to the load. So if someone here is a certified engineer with a specialty of this field I would love to hear a different explanation of what engineers in several organizations taught me.

73 Steve VE5SR/W4

7192. Re: add an swr bridge?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-02-07 15:04:51 UTC
From: steve.lenaghan@...
Topic: 6987 Message: 7192

I have put my Bird 43 in line with my AT-100ProII and found it to be accurate. I would put the meter after the tuner to give you an indication of what the real SWR is like between tuner and antenna. Remember the bridge is a 50 ohm impedance and if your antenna is significantly off there will be errors.

Steve VE5SR/W4

7193. Re: [LDG-auto-tuners] Frustrated with LDG Z11 Pro2

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-02-08 03:38:12 UTC
From: Chuck Scott
Topic: 7178 Message: 7193

Steve:

When they mention RF getting into the tuner, they're referring to it getting into the logic and control circuits and causing functional problems. Some LDG tuners are more susceptible to that but mostly to RF coming in on the power and control connections. That happens when there's stray RF from the antenna or due to common-mode RF conducted back from the antenna on the outside of the coax.

While a tuner doesn't correct anything at the antenna, it certainly affects the amount of power that is radiated. It does this by, as you say, matching the impedance of the feed from the radio to the complex impedance presented to the tuner at its antenna connection. The net result of that is that all power from the radio, less I/R and dialectric losses in the tuner, is delivered to the antenna line at the output connector of the tuner. There may as a result be more voltage or current delivered to the antenna and somewhat out of phase, but it will be delivered and when a tuning solution is achieved, you will have the most power radiated.

The line from the tuner to the antenna will have additional loss due to the increased voltage and current that will periodically occur along the line (measured as SWR). That loss is not as much as many people think it is unless the SWR is extreme. There may also be additional losses at the antenna due to the higher current/voltage delivered to it or at various points on the antenna.

All of the losses mentioned above will depend on the quality of the conductors, insulators, and components, which is why smaller auto-tuners aren't as effective as the larger units. Also, the more extreme the solution, the more the losses.

Of course if the tuner is unable to achieve a solution to match an antenna at a particular frequency, power transfer from the transmitter to the line will be reduced. Whether you wish to look at that as an impedance mismatch or an effect of reflected power doesn't matter, the result is the same.

Chuck - N8DNX

On Feb 7, 2015 9:36 AM, "steve.lenaghan@live.ca [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:

Could someone give me a good explanation of "RF getting into the tuner"? I'm former Collins FSR, broadcast and avionics and worked on RF a lot more potent than this. Tuners are FULL of RF, its how things happen when you have all those wires and coils and stuff. The trick is keeping the RF inside the tuner except for the stuff you want at the antenna. If you try to tune into a load that is outside the capability of the tuner the excess reflected power will get back in. Remember that a tuner will not correct antenna SWR it will only attempt to match the radio to the load. So if someone here is a certified engineer with a specialty of this field I would love to hear a different explanation of what engineers in several organizations taught me.

73 Steve VE5SR/W4

7194. Re: Frustrated with LDG Z11 Pro2

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-02-08 06:27:55 UTC
From: Furliips Stardust
Topic: 7178 Message: 7194

You RF loose in the shack.Snap on Ferite cores are the solution, but you'll find that it isn't obvious where to put them.
As an example, I had everything working smoothly until I added an HP printer to the station PC.A core on the USB cable to the printer solved the problem with tuner acting goofy.
Jeff

7195. Just joined group. Hi to all

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-02-10 04:29:28 UTC
From: BG
Topic: 7195 Message: 7195

I have a new LDG Z 100Plus tuner & run 5-10 watts QRP. Looking for info on using this LDG tuner with an Elecraft KX3 without a factory tuner. Thanks & 73

7196. SWR explained

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-02-11 14:30:36 UTC
From: steve.lenaghan@...
Topic: 7196 Message: 7196

A good explanation of the effects of SWR in the latest QST.

Steve VE5SR

7197. icom ic-7200

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-02-11 15:12:40 UTC
From: m6nae55@...
Topic: 7197 Message: 7197

hello
I have the icom Ic-7200 with a ldg z100plus connected by the interface cable from tuner to radio....does the radio roll back rf power to the tuner before tuning or do I have to keep turning the rf power down before tuning

thanks

7198. Re: Frustrated with LDG Z11 Pro2

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-02-11 17:02:03 UTC
From: rmckee1957@...
Topic: 7178 Message: 7198

First floor, ground cable is 1 inch wide braided copper strap about 4' long going outside to three 8' ground rods and all grounds bonded together.

7199. Re: Frustrated with LDG Z11 Pro2

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-02-11 17:11:26 UTC
From: rmckee1957@...
Topic: 7178 Message: 7199

The balun is a dual core 4:1 current balun at the feedpoint of the antenna itself - the 44' and 89' wires connect direct to it. The coax has 10 mix 43 beads on it where it connects to the balun. Before I put the beads on the coax, I was getting conflicting swr readings depending on the analyzer being grounded or not and could detect a small amount of RF on the coax shield with a field strength meter but none detected after the beads were added and the swr readings are now rock solid. Just for some reason have not been able to get the swr below 2.3:1 on 80 meters. As an experiment, I connected a 50 ohm dummy load to the LDG tuner and it goes direct into bypass as it should. Then I connected the 50 ohm dummy load to a manual tuner so I could vary the swr and connected the LDG to that. I used 1 foot jumpers between the tuners, the load, and the radio and adjusted the swr to 2.3:1 on the manual tuner and then triggered the LDG to tune it on 80 meters. After a few minutes the LDG started retuning the same way it did when connected to the antenna. So I put the LDG in bypass and adjust the swr on the manual tuner to 5:1 and let the LDG tune that. At a 5:1 swr, the LDG remains tuned, and I think somehow its getting confused when the swr is near 2:1 or a little above. Wierd stuff !

7200. Re: [LDG-auto-tuners] Frustrated with LDG Z11 Pro2

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-02-20 21:06:46 UTC
From: rmckee1957@...
Topic: 7178 Message: 7200

Steve:
When they mention RF getting into the tuner, they're referring to it getting into the logic and control circuits and causing functional problems. Some LDG tuners are more susceptible to that but mostly to RF coming in on the power and control connections.
Chuck - N8DNX

Well, then how would it get in if you are not using control and power wires and using internal batteries ? But then I guess there are some very short power leads from the battery holders I installed. Maybe I should install some ferrite beads on the battery leads. But at any rate, you would think a tuner would be very well shielded since it is designed to have RF running through it.

7201. Re: Frustrated with LDG Z11 Pro2

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-02-23 01:30:17 UTC
From: af6ec@...
Topic: 7178 Message: 7201

I had an AT1000 pro with similar problems. Sent it back and was told there was nothing wrong with it. My antenna was not that far out of resonance with 1.5:1 at 20Mhz going to a 6.5:1 at 4Mhz. It is an end fed antenna which typically does have RF on the shield, however my old AT-11 tuned this antenna in seconds. I sold the AT1000 with the hope whoever got it had a more compatible antenna system.

Good luck. Jim

7203. RE: [LDG-auto-tuners] Sent in for repairs

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-02-23 20:35:19 UTC
From: Guy Langlois
Topic: 7202 Message: 7203

Hi Wayne,

A while back, I had a problem with my 600 Pro tuner and sent it back to them. It took about 5 weeks for them to get to it. They seem to be busy often with R&D and sales and I believe they have a relatively small staff, thus, I don't think they can devote a lot of time to answering emails. Having said all that, as stated in their website, they did contact me when the repair was done and shipped.

I don't believe that you have made a donation!

73,
Guy

From: LDG-auto-tuners@yahoogroups.com
To: LDG-auto-tuners@yahoogroups.com
Date: Mon, 23 Feb 2015 08:35:54 -0800
Subject: [LDG-auto-tuners] Sent in for repairs

Has anyine sent their LDG tuner in for repairs I sent my LDG 1000 pro in about 5 weeks ago and have called and emailed with no response from ether attempt. I hope no one else is having this problem. Guess I donated my tuner to them.
Wayne AA5JJ

7204. Re: Sent in for repairs

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-02-23 21:21:50 UTC
From: ham_groups@...
Topic: 7202 Message: 7204

What issues were you having with your AT-1000pro?

NE7X...

7205. Re: [LDG-auto-tuners] Sent in for repairs

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-02-23 21:29:50 UTC
From: Jimmy (WB8NBI)
Topic: 7202 Message: 7205

Wayne:
Have you been watching the news as of late. LDG is in MD. Very bad weather their several feet of snow. Maybe some people cannot make it to work. LDG has always been very good at service for me. Lets give them a break in this time of very bad weather. I live in WV with only about a foot of snow and have not seen mail delivery for a week.

From: mailto:LDG-auto-tuners@yahoogroups.com
Sent: Monday, February 23, 2015 11:35 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Sent in for repairs

Has anyine sent their LDG tuner in for repairs I sent my LDG 1000 pro in about 5 weeks ago and have called and emailed with no response from ether attempt. I hope no one else is having this problem. Guess I donated my tuner to them.
Wayne AA5JJ

7206. Re: [LDG-auto-tuners] Sent in for repairs

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-02-23 21:42:52 UTC
From: Joe
Topic: 7202 Message: 7206

Repair info is stated fairly clear in their website:
"Track your shipment back to us so you will know when we got it. Repairs can take as long as four weeks once we receive it, but are generally quicker. Unfortunately, we cannot provide status or updates while the unit is still in process. We will promptly contact you when your repair has been completed. We are unable to provide call-tags for repairs and do not cross ship units."

Five weeks may be because of the snow. I had a repair done awhile ago and it took some time then. They're a small company, so I can understand that sometimes they can be slow. My error was not to track the package I sent to them. If I had done that, I would have at least had the knowledge that it was in their hands and not on the side of Interstate I95 when it fell out of a UPS truck.

I think I remember them telling me that their repair tech is part time and does not do any email responses. Maybe I'm confusing them with someone else.

73, Joe, K1ike

On 2/23/2015 4:29 PM, 'Jimmy (WB8NBI)' wb8nbi@...
[LDG-auto-tuners] wrote:
> Wayne:
> Have you been watching the news as of late. LDG is in MD.

7207. RE: [LDG-auto-tuners] Sent in for repairs

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-02-23 22:46:22 UTC
From: Tony Brignole
Topic: 7202 Message: 7207

Could try MFJ.

Sent 269 antenna analyzer back (3rd time) and got it back promptly in 7 1/2 months. August of one year to March of the next.

Does seem to work better now.

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com]
Sent: Monday, February 23, 2015 3:30 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] Sent in for repairs

Wayne:

Have you been watching the news as of late. LDG is in MD. Very bad weather their several feet of snow. Maybe some people cannot make it to work. LDG has always been very good at service for me. Lets give them a break in this time of very bad weather. I live in WV with only about a foot of snow and have not seen mail delivery for a week.

From: mailto:LDG-auto-tuners@yahoogroups.com

Sent: Monday, February 23, 2015 11:35 AM

To: LDG-auto-tuners@yahoogroups.com

Subject: [LDG-auto-tuners] Sent in for repairs

Has anyine sent their LDG tuner in for repairs I sent my LDG 1000 pro in about 5 weeks ago and have called and emailed with no response from ether attempt. I hope no one else is having this problem. Guess I donated my tuner to them.
Wayne AA5JJ

7208. Re: Frustrated with LDG Z11 Pro2

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-02-23 13:30:43 UTC
From: rmckee1957@...
Topic: 7178 Message: 7208

This is my third LDG product and have had similar problems with all 3 of them. I also have an Icom AH-4 tuner and an SGC-237 and no problems with them on the same antenna. They tune to a lower swr and they stay tuned. The AH-4 is the best out of the bunch tuning most times to a 1.3:1 or lower.

7209. AT-1000pro issue

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-02-23 21:35:26 UTC
From: ham_groups@...
Topic: 7209 Message: 7209

I purchased a used cosmetically clean AT-1000pro. I connected it to my FT-2000 transceiver with an Ameritron ALS-600 amplifier.

It works as expected on CW, AM, RTTY (continuous carrier modes). However when I switch to SSB mode, the tuner goes crazy and has no RF output. This only happens on SSB mode, all bands, 80 - 10 meters.

Reading the LDG FAQ web page, they suggest adding RF chokes to the DC line. I added chokes to the DC cable from my Astron PS. the cable connecting to the FT-2000, and on both coax IN/OUT. The chokes do not appear to make any difference.

Has anyone else experience this type of issue? Again, it only looses its brains when I am transmitting on SSB, both in AUTO and MANUAL modes, all bands.

Thomas NE7X...

7210. Re: [LDG-auto-tuners] AT-1000pro issue

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-02-24 01:59:42 UTC
From: Jimmy (WB8NBI)
Topic: 7209 Message: 7210

Try backing off the mic gain a little and see if that helps.

From: mailto:LDG-auto-tuners@yahoogroups.com
Sent: Monday, February 23, 2015 4:35 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] AT-1000pro issue

I purchased a used cosmetically clean AT-1000pro. I connected it to my FT-2000 transceiver with an Ameritron ALS-600 amplifier.

It works as expected on CW, AM, RTTY (continuous carrier modes). However when I switch to SSB mode, the tuner goes crazy and has no RF output. This only happens on SSB mode, all bands, 80 - 10 meters.

Reading the LDG FAQ web page, they suggest adding RF chokes to the DC line. I added chokes to the DC cable from my Astron PS. the cable connecting to the FT-2000, and on both coax IN/OUT. The chokes do not appear to make any difference.

Has anyone else experience this type of issue? Again, it only looses its brains when I am transmitting on SSB, both in AUTO and MANUAL modes, all bands.

Thomas NE7X...

7212. Re: AT-1000pro issue

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-02-24 05:03:48 UTC
From: ldgyahoo@...
Topic: 7209 Message: 7212

Hello,

It really still points to RF issues. Keep the tuner in the Semi (Manual) mode. Reduce RF power until the symptoms are gone. Then increase power until the issues start to appear. Then, start adding RF chokes to the places we recommend to see if the symptoms get better or not.

If they do get better, then you are on the right track. If they do not get better, it could be something else.

Make sure you have the correct antenna selected.

Also, please do not cross post as we asked.

Dwayne Kincaid
LDG

7213. Re: Frustrated with LDG Z11 Pro2

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-02-24 05:16:16 UTC
From: ldgyahoo@...
Topic: 7178 Message: 7213

Hello,

You are really comparing apples to oranges. The two units that you mentioned are specifically only made to tune random long wires at a remote distance.

If you had a dipole fed with coax, you could have great results with the LDG tuner located in the shack. But you can't do that with the long wire tuners in the shack.

Plus the units you mentioned cost quite a bit more than a basic desktop tuner. There is a great reason for that. The remote tuners you mentioned have a very wide tuning range (maybe 100:1 SWR). The LDG untis are around a 10:1 for tuning range, which we feel is the optimal tuning range for the cost of the unit.

We have never claimed that LDG units will tune every antenna ever made and often we recommend the units that you mentioned when the requirements makes sense to do so.

Dwayne Kincaid
LDG

7214. Re: [LDG-auto-tuners] Sent in for repairs

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-02-24 05:34:08 UTC
From: ldgyahoo@...
Topic: 7202 Message: 7214

Jimmy,

You are correct. Monday was an observed holiday last week and we got over 10" of snow in an area that is not really prepared for snow travel. That pretty much put us a week behind.

We're still slightly behind today, but are catching up this week.

Unfortunately (maybe), we trade low cost repairs for no way to track repairs through the repair process. Any given unit that we have in the process will depend on the repair time of the units before them, so there is really no way to give time estimates,

We've looked a many repair processes over the years. We don't want the seriously long time (4 to 7 months) for repair as some companies provide and we don't want the seriously high price as some others (include a check for $250 with your return).

So we've tried to work on providing a minimal cost for about a four week turn around (once we receive it). Sometimes it goes a little longer, but most times it's much less.

Dwayne Kincaid
LDG

7215. Re: Frustrated with LDG Z11 Pro2

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-02-24 12:51:23 UTC
From: rmckee1957@...
Topic: 7178 Message: 7215

Hello Dwayne,

Presently I am experimenting with the AH-4 tuner feeding a coax fed off center fed dipole. I made an adapter to go on the tuner so I could connect the coax to it and so far its tuning great. My LDG Z11 Pro2 will also tune this antenna but will not hold tune on 80 meters which is one of the 2 bands I actually need a tuner with this antenna. The LDG will only tune it down to a 2.1:1 on 80 and it only 2.3:1 without a tuner to begin with. I can use the manual tune mode on the Z11 and get it down to less than 1.3:1 but then it retunes on its own and stops again at 2.1:1 and this I just don't understand. But I'll keep playing with it until I figure it out and when the weather warms up and I can get outside and work on the antenna I may be able to get it set so I don't need a tuner at all. Time will tell.....
KC8AON

Hello,

You are really comparing apples to oranges. The two units that you mentioned are specifically only made to tune random long wires at a remote distance.

If you had a dipole fed with coax, you could have great results with the LDG tuner located in the shack. But you can't do that with the long wire tuners in the shack.

Plus the units you mentioned cost quite a bit more than a basic desktop tuner. There is a great reason for that. The remote tuners you mentioned have a very wide tuning range (maybe 100:1 SWR). The LDG untis are around a 10:1 for tuning range, which we feel is the optimal tuning range for the cost of the unit.

We have never claimed that LDG units will tune every antenna ever made and often we recommend the units that you mentioned when the requirements makes sense to do so.

Dwayne Kincaid
LDG

7216. Re: Frustrated with LDG Z11 Pro2

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-02-24 15:03:17 UTC
From: rmckee1957@...
Topic: 7178 Message: 7216

Hello,

If you had a dipole fed with coax, you could have great results with the LDG tuner located in the shack. But you can't do that with the long wire tuners in the shack.

Dwayne Kincaid
LDG <snip>

Oh yeah, Dwayne,

My antenna is coax fed ! Its an 80 meter off center fed dipole that isn't that far off resonance to begin with - 2.3:1 swr on 80 meters and about 2.1:1 on 17 and those are the only bands I need a tuner for. The Z11 will only drop the the swr to 2.1:1 on 80 meters but I can use manual mode to drop it lower and then it retunes to 2.1:1 on its own. Haven't really had much time to play with it lately and I plan on trying turning off the auto tune to see if that works. I just don't understand why it stops tuning at 2.1:1 and doesn't tune lower ?

7217. Re: AT-1000pro issue

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-02-24 15:48:37 UTC
From: ham_groups@...
Topic: 7209 Message: 7217

I have added RF chokes and more RF chokes, over 10. Same issue.

Works OK/solid up to 500 watts for all continuous modes (CW/AM/FM/DATA), however when I switch to SSB, the tuner cannot find correct setting, all LEDs flash, no RF output and turner locks up, Need to do DC power cycle to clear. This happens with a little as 10 watts SSB.

NE7X...

7218. Re: [LDG-auto-tuners] Re: Frustrated with LDG Z11 Pro2

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-02-24 17:35:53 UTC
From: Craig
Topic: 7178 Message: 7218

Maybe you can tweak the variable capacitor in the tuner (it is near the radio PL-259) to match what your radio or other meter sees and go from there. Just put a mark on it to set back to original it needed. If you try it, let us know how it works.

73, Craig

> On Feb 24, 2015, at 10:03 AM, "rmckee1957@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:
>
>
>
> Hello,
>
> If you had a dipole fed with coax, you could have great results with the LDG tuner located in the shack. But you can't do that with the long wire tuners in the shack.
>
> Dwayne Kincaid
> LDG <snip>
>
> Oh yeah, Dwayne,
>
> My antenna is coax fed ! Its an 80 meter off center fed dipole that isn't that far off resonance to begin with - 2.3:1 swr on 80 meters and about 2.1:1 on 17 and those are the only bands I need a tuner for. The Z11 will only drop the the swr to 2.1:1 on 80 meters but I can use manual mode to drop it lower and then it retunes to 2.1:1 on its own. Haven't really had much time to play with it lately and I plan on trying turning off the auto tune to see if that works. I just don't understand why it stops tuning at 2.1:1 and doesn't tune lower ?
>
>
>

7219. Re: AT-1000pro issue

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-02-24 22:37:36 UTC
From: ldgyahoo@...
Topic: 7209 Message: 7219

Hello,

It may depend on where you place the chokes. We see some RF getting in on the DC supply sometimes. Are you using a switching power supply? If yes, they are sometimes more susceptible to RF and ground loops. Try using a different power supply for the tuner.

Also turn off Auto mode. You don't want the tuner to accidental start tuning when there is 600 watts present.

Are you using the IC-2000? If yes, you may need to add chokes there.

Dwayne Kincaid
LDG

7220. Re: AT-1000pro issue

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-02-24 23:05:18 UTC
From: wa1rkt@...
Topic: 7209 Message: 7220

I'm having a related problem with both of my AT-1000Pro and both of my old-style AT-1000 tuners (with a fifth being added to the mix in a few days courtesy of ebay, as of about an hour ago). They work fine until they don't, then they hang up tighter than a drum until I cycle power. All four of them do that at one time or another. I run from 600 to 900 watts SSB into each one. I have a little RF in the shack but not much... running four cheap computers here and they all seem happy as a clam with nary so much as a squiggly line across the monitor.

I have tried chokes (two or three each) on the power leads but that doesn't seem to do the trick... can't really tell if it helps but it might help a little.

I'm powering these (and all my other 12V gear) from a pair of large industrial batteries in the garage, through a couple of TGE Electronics 12V booster-regulators in the shack. Three of the four LDGs are driven by radios that plug into the wall (the fourth is an IC-746Pro that runs from the batteries) and the amps all plug into the wall, so it's not like I'm sagging the 12V power when transmitting.

Rick WA1RKT
Londonderry, NH
Catch me on 14.300 MHz Intercon / MMSN most days

7221. Z-817 and FT-817ND Won't Talk

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-02-24 23:21:51 UTC
From: jackkneal@...
Topic: 7221 Message: 7221

For some reason pushing the tune button no longer has an effect on getting my 817 to go into transmit. It will tune if I key the radio independently but the tune button no longer initiates the process.

I've checked my cat rate and it's good at 38400. Changed AA batteries.

Any thoughts about what I'm missing?
Jack W8AQ

7222. Re: [LDG-auto-tuners] Re: AT-1000pro issue

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-02-25 01:34:45 UTC
From: Art
Topic: 7209 Message: 7222

Rather than " chokes " , I use fair-rites beads on my coax cables at the antenna,at the radio,and at the amplifier as well as at the LDG AT 1000
PRO11. Yes it might be " over kill ", but I don't have RFI and my noise floor is S 3, down from /S 8 and 9 on all bands !
Hope they work for you.
73,
Art

"ldgyahoo@ldgelectronics.com [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:

>Hello,
>
>It may depend on where you place the chokes. We see some RF getting in on the DC supply sometimes. Are you using a switching power supply? If yes, they are sometimes more susceptible to RF and ground loops. Try using a different power supply for the tuner.
>
>Also turn off Auto mode. You don't want the tuner to accidental start tuning when there is 600 watts present.
>
>Are you using the IC-2000? If yes, you may need to add chokes there.
>
>Dwayne Kincaid
>LDG

7223. RE: [LDG-auto-tuners] Re: AT-1000pro issue

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-02-25 03:57:22 UTC
From: Guy Langlois
Topic: 7209 Message: 7223

Art,

What are the values and/or part #'s of the beads you are using?

Thank you...

73,
Guy

From: LDG-auto-tuners@yahoogroups.com
To: LDG-auto-tuners@yahoogroups.com
Date: Tue, 24 Feb 2015 17:34:45 -0800
Subject: Re: [LDG-auto-tuners] Re: AT-1000pro issue

Rather than " chokes " , I use fair-rites beads on my coax cables at the antenna,at the radio,and at the amplifier as well as at the LDG AT 1000
PRO11. Yes it might be " over kill ", but I don't have RFI and my noise floor is S 3, down from /S 8 and 9 on all bands !
Hope they work for you.
73,
Art

"ldgyahoo@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:

Hello,

It may depend on where you place the chokes. We see some RF getting in on the DC supply sometimes. Are you using a switching power supply? If yes, they are sometimes more susceptible to RF and ground loops. Try using a different power supply for the tuner.

Also turn off Auto mode. You don't want the tuner to accidental start tuning when there is 600 watts present.

Are you using the IC-2000? If yes, you may need to add chokes there.

Dwayne Kincaid
LDG

7224. AT~1000 Non pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-02-26 00:07:41 UTC
From: tim_luvs_dawn@...
Topic: 7224 Message: 7224

My AT 1000 took a surge burned a hole in the ckt board and damaged 2 sets of relays...I would love to find a schematic or some detailed photo's of the top and bottem of the ckt board...And does LDG still service these?Just in case i can't repair it?Thanks

7225. LDG whip tuner ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-03-02 16:47:19 UTC
From: rmckee1957@...
Topic: 7225 Message: 7225

A few years back I saw LDG advertising a portable whip tuner they were thinking of bringing out, and I was just wondering if that is going to take place or not ? Would be great to have a portable multiband whip antenna complete with autotune !
KC8AON

7226. Re: Z-817 and FT-817ND Won't Talk

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-03-05 20:01:40 UTC
From: jcaplins@...
Topic: 7221 Message: 7226

Do you by any chance have a CAT62 USB cable attached to the tuner? I am having a similar issue with my FT817ND and 817H tuner. When the cable is connected to the tuner and the USB is not plugged into the computer, or the computer is turned off, the status light stays lit on the tuner and it just locks up. If I unplug the connector on the CAT cable all returns to normal. I think the circuitry in the cable confuses the tuner when it is not active???
John
KK4JC

7227. Any one having issue with YT-1200 and FTDX-3000

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-03-09 17:50:05 UTC
From: jsgreen1959@...
Topic: 7227 Message: 7227

I purchased the YT-1200 tuner for my Yaesu FTDX-3000. I have a G5RV antenna that I'm currently using with my FT-897D and the LDG AT-897 Plus Tuner which works great an tunes with no problem.

My first YT-1200 tuner worked for about two weeks and then it would tune and then just stop in AM mode and had to press the mike key to get it to stop transmitting. I disconnected the power in hopes for a reset. It started working for a day and then same issue. Then it would not even try to tune at all and just transmit in AM mode until I pressed the mike key.

I sent the tuner back to HRO and got another one. It worked for about two weeks and then the same problem. So I contacted LDG and sent the tuner back for repair. The technician was able to reproduce the problem and replaced the K8 relay.

I just received the tuner and hooked it up hoping that the problem was solved. Well it tuned two times and now the same issue. Press the tune button and goes to AM mode to tune and just sits there doing nothing.

Anyone have any suggestions? I just sent another email to support at LDG letting them know the same thing is happening.

7228. Re: Any one having issue with YT-1200 and FTDX-3000

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-03-12 23:37:05 UTC
From: michael@...
Topic: 7227 Message: 7228

I had a Z-817 which kept playing up and in the end the dealer changed the PCB on the FT-817 and it worked. Might not be the tuner, could be the radio or the cable at fault.

Have you double checked your settings on the radio:

Menu 039 - CAT Rate - 38,400
Menu 041 - CAT RTS - Enabled
Menu 040 - CAT Time out Timer - 100msec

Good luck,

Mike
M0SAZ

7229. Re: Z100 and ICOM IC-707

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-03-13 00:32:47 UTC
From: vk5gj@...
Topic: 1110 Message: 7229

I have been back through the messages and found this ancient posting, I have exactly the same issue with my IC-707 / Z-100 setup, can anyone tell me whether it was ever resolved please ?? According to the manual the IC-707 should only show 'thru' if the tuner cannot find a match and is in bypass mode
Greg vk5gj

"I have a Z100 connected to a IC-707, when I push the "tune" in the 707, it shows "CW" and "TUNE" just for a second, then switchs to the mode it was, and the Z100 starts to cycle, and usually ends up with a green SWR led, showing "THRU".

It seems all is normal, but the IC-707 shows THRU, almost all the time, except the one second when the 707 shows TUNE, even during the tuning cycle it shows THRU. TUNE it is only shown for one second after pushing. Anyway the tuner seems to work OK, as signal increase a lot after tuning cycle"

7230. Re: Z100 and ICOM IC-707

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-03-13 00:49:58 UTC
From: michael@...
Topic: 1110 Message: 7230

Hi,

First off, the thru/bypass mode is more likely to be activated if the antenna is is a match without the need of a tuner - i.e. it is resonant at the frequency you are on.

That said, I don't think this maybe your problem. I suspect you may not be holding the button down long enough. If you press and let go of the button quickly, the ATU goes into bypass mode. You need to press and hold for a second or so to get it to tune, or for 3-4 seconds to do a full tune to reset any memory tune at the frequency you are on.

Sorry if you are already doing that, in which case, have you taken SWR/impedance measurements when it has completed tuning. Also, have you ensured the antenna is between 6 and 800 ohms on the frequency you are tuning on? That is the range of the Z-100.

73 and good luck,

Mike
M0SAZ

7231. Re: Z100 and ICOM IC-707

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-03-14 12:49:58 UTC
From: vk5gj@...
Topic: 1110 Message: 7231

Mike,
The antenna is about 3:1 so that should put it within range of the tuner but not low enough to use the thru mode. The tuner works just fine when operated using the buttons on the tuner. My problem is with operation from the tune button on the txvr, when the button is pushed (no matter how long) the 'tune" legend flashes on for about half a second then thru comes on, the tuner operates and finds a match (usually about 1.2:1 but always lower than 1.5:1). The tuner does not go into bypass mode (the swr stays as tuned ie. 1-1.5:1) but "Thru" remains on at all times whilst the tuner interface cable is plugged in. I have also tried it using a 100 ohm dummy load which should be 2:1 (and reads as that on the swr meter) with the same result. This makes me think it is not the tuner or the antenna and maybe that the Z-100 does not fully emulate the Icom AH-3.
It's not a major worry as the tuner does do its job but I would like to get rid of the thru message that is there all the time - I saw the old posting and wondered if anyone had found a cure.
73,
Greg VK5GJ

7232. I let the smoke out :(

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-03-15 20:52:47 UTC
From: ve3zbm@...
Topic: 7232 Message: 7232

Good afternoon,

Last evening I let the smoke out of my month-old AT-1000 Proii. Internal inspection revealed a blown out 3200pf 500V silver mica cap. I am at a loss as to how this occurred, but the damage is obvious. I was operating on 40m using approximately 300 watts. Antenna and all other gear is still fine.

I am proficient with this type of repair and do not have a standby tuner. I do not want to sent it away for repairs.
Where can I source a replacement? The usual sources (DigiKey, Mouser) are proving unhelpful.

Thanks in advance.

Blair Morosnick
VE3ZBM

7233. Re: [LDG-auto-tuners] I let the smoke out :(

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-03-15 21:16:25 UTC
From: Craig
Topic: 7232 Message: 7233

The smoke sure helps everything electronic to work! I've seen it too many times myself.

Maybe someone on the list has a capacitor in the junk box, or maybe contact LDG and convince them you can to the repair yourself.

I'd also consider sweeping the antenna at the band of interest (or multiple bands) to see if there is a problem. If might be good to try on a calm and a windy day which might show a loose connection in the antenna system.

If you don't have an antenna analyzer, try legally transmitting at minimum power (maybe 10W with the driver), without a tuner, and identify a baseline SWR and if there are variations in the SWR with wind.

Please also post what kind of antenna you are using, how old it is, feedline and such which may help others on the list help you.

What kind of Amp are you using? Does it show any signs of oscillation?

73,

Craig

> On Mar 15, 2015, at 4:52 PM, "ve3zbm@... [LDG-auto-tuners]"
<LDG-auto-tuners@yahoogroups.com> wrote:
>
>
>
> Good afternoon,
>
> Last evening I let the smoke out of my month-old AT-1000 Proii. Internal inspection revealed a blown out 3200pf 500V silver mica cap. I am at a loss as to how this occurred, but the damage is obvious. I was operating on 40m using approximately 300 watts. Antenna and all other gear is still fine.
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> I am proficient with this type of repair and do not have a standby tuner. I do not want to sent it away for repairs.
> Where can I source a replacement? The usual sources (DigiKey, Mouser) are proving unhelpful.
>
> Thanks in advance.
>
> Blair Morosnick
> VE3ZBM
>
>
>
>

>
>

7234. Re: [LDG-auto-tuners] I let the smoke out :(

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-03-15 22:07:53 UTC
From: Richard Solomon
Topic: 7232 Message: 7234

Try Surplus Sales of Nebraska.

73, Dick, W1KSZ

On 3/15/2015 1:52 PM, ve3zbm@... [LDG-auto-tuners] wrote:
>
>
> Good afternoon,
>
> Last evening I let the smoke out of my month-old AT-1000 Proii.
> Internal inspection revealed a blown out 3200pf 500V silver mica cap.
> I am at a loss as to how this occurred, but the damage is obvious. I
> was operating on 40m using approximately 300 watts. Antenna and all
> other gear is still fine.
>
> I am proficient with this type of repair and do not have a standby
> tuner. I do not want to sent it away for repairs.
> Where can I source a replacement? The usual sources (DigiKey, Mouser)
> are proving unhelpful.
>
> Thanks in advance.
>
> Blair Morosnick
> VE3ZBM
>
>
>
>
>

7235. Re: [LDG-auto-tuners] I let the smoke out :(

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-03-15 22:19:25 UTC
From: Mike Penkas
Topic: 7232 Message: 7235

Just checked EBay and there are loads of them
Mike WA8EBM

Sent from my iPad

> On Mar 15, 2015, at 16:52, ve3zbm@... [LDG-auto-tuners]
<LDG-auto-tuners@yahoogroups.com> wrote:
>
> Good afternoon,
>
> Last evening I let the smoke out of my month-old AT-1000 Proii. Internal inspection revealed a blown out 3200pf 500V silver mica cap. I am at a loss as to how this occurred, but the damage is obvious. I was operating on 40m using approximately 300 watts. Antenna and all other gear is still fine.
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> I am proficient with this type of repair and do not have a standby tuner. I do not want to sent it away for repairs.
> Where can I source a replacement? The usual sources (DigiKey, Mouser) are proving unhelpful.
>
> Thanks in advance.
>
> Blair Morosnick
> VE3ZBM
>
>
>
>

7236. Re: [LDG-auto-tuners] Digest Number 2391

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-03-16 09:46:28 UTC
From: Frank Tomesch
Topic: 7236 Message: 7236

Try RF Parts, "www.rfparts.com". They have a 3300pf 500V Silver Mica.

What really surprises me is that the voltage rating is only 500 Volts. I would thought it would be 1000 or higher.

Frank,
AB2ZO

7237. Re: I let the smoke out :(

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-03-16 12:41:11 UTC
From: Blair (VE3ZBM)
Topic: 7232 Message: 7237

Thanks for all of the suggestions. The 3200pf value is uncommon, but I found a source on eBay and ordered a pair. Should be here in a few days.

I will endeavour to analyze my 40m wire dipole for any changes. It's certainly possible as it's been a tough winter. The amp is an AL-80B with a brand new RF Parts tube. Seems to work well on all bands.

73, Blair
VE3ZBM

Sent from my iPhone

7238. AT-897Plus & ADMS-4BU - Flashing on ATU

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-03-17 22:26:17 UTC
From: cbjesseeNH@...
Topic: 7238 Message: 7238

I tried hooking up my PC to the LDG AT-897Plus with Yaesu ADMS-4BU and the light on the LDG AT--897Plus flashes constantly. Must be a common issue with an easy fix?

7239. FT450D & LDG YT1200

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-03-18 00:06:37 UTC
From: tombutas@...
Topic: 7239 Message: 7239

My LDG YT1200 tuner purchased when released from HRO has gone out. Won't tune 10-20-17 or 15 meters any longer. Unplug cable and reinstalled, 3 different antenna, still won't tune these bands any longer.

Back to internal tuner and all bands tune up depending on antenna. Do I cantact HRO or LDG? I purchased it for the 2 year warranty.

I see people waiting months for repairs sometime on web.

Any suggestions or LDG if you on here help????

TOM
KM4AEM

7240. Re: [LDG-auto-tuners] FT450D & LDG YT1200

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-03-18 01:34:39 UTC
From: Alex, W5ALX
Topic: 7239 Message: 7240

When did you buy it? In first year, LDG, second year, HRO.

73 de W5ALX
Alex Netherton
http://blueridgediscovery.org

Sent from Type Mail

On Mar 17, 2015, 8:40 PM, at 8:40 PM, "tombutas@... [LDG-auto-tuners]"
<LDG-auto-tuners@yahoogroups.com> wrote:
>My LDG YT1200 tuner purchased when released from HRO has gone out.
>Won't tune 10-20-17 or 15 meters any longer. Unplug cable and
>reinstalled, 3 different antenna, still won't tune these bands any
>longer.
>
>Back to internal tuner and all bands tune up depending on antenna. Do I
>cantact HRO or LDG? I purchased it for the 2 year warranty.
>
> I see people waiting months for repairs sometime on web.
>
> Any suggestions or LDG if you on here help????
>
> TOM
> KM4AEM

7241. Re: AT-897Plus & ADMS-4BU - Flashing on ATU

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-03-19 00:12:06 UTC
From: wv8a@...
Topic: 7238 Message: 7241

Assume you're using an FT-897 radio with this?

Do you have CAT selected (menu 20) and baud rate set at 4800bps (Menu 19) on the FT-897?

Are you connecting the ADMS CAT cable to the tuner and then the short jumper from the second CAT connector on the LDG 897Plus to the radio's CAT connector?

Does the tuner work if you connect only the AT-897Plus to the CAT connector on the radio?

Do the PC and the radio talk to each other if you just connect the PC/ADMS cable from the PC directly to the CAT connector on the radio?

Chuck WV8A

7242. Re: [LDG-auto-tuners] FT450D & LDG YT1200

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-03-18 23:55:03 UTC
From: tombutas@...
Topic: 7239 Message: 7242

Pre-ordered. This one just come out in Sept. 2014, 7 months old. Going sent it in this weekend back to LDG for repair.

Tom
KM4AEM

7243. AT-897Plus - Does it autotune on band switch w/o button press?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-03-22 01:42:45 UTC
From: cbjesseeNH@...
Topic: 7243 Message: 7243

When I switch from frequency to frequency on different bands, that I've already visited and presumably stored tuning on the AT-897Plus, do I have to press the button each time to re-tune? Or does the unit automatically tune?

I'm using WSPR4, which band-hops via CAT control of FT-897D, so was hoping an ATU would be able to sense the switch and re-tune - the app send a carrier signal each band switch.

7244. Re: AT-897Plus & ADMS-4BU - Flashing on ATU

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-03-22 01:33:33 UTC
From: cbjesseeNH@...
Topic: 7238 Message: 7244

Looks like I had Menu #85 set to TUNER instead of off - silly me!

7245. Re: AT-897Plus & ADMS-4BU - Flashing on ATU

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-03-23 00:37:47 UTC
From: wv8a@...
Topic: 7238 Message: 7245

Aha. Glad you were able to troubleshoot and solve your probem.

wv8a

7246. RE: [LDG-auto-tuners] Sent in for repairs

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-03-25 23:32:57 UTC
From: aa5jj@...
Topic: 7202 Message: 7246

Well it has been over 2 months now and I still do not have my LDG1000 pro back or head anything about it from LDG..Hope someone is enjoying it. All it needed was the meters to be fixed.

Wayne AA5JJ

7247. RE: [LDG-auto-tuners] Sent in for repairs

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-03-28 02:55:24 UTC
From: ldgyahoo@...
Topic: 7202 Message: 7247

Wayne,

It doesn't matter how small the problem is, they are all done in the order that we receive them. It would not be fair to the others ahead of you if we thought your issue was easier. What if someone had a difficult problem? Does everyone with an easier issue get to ahead of them? These are rhetorical questions, but it provides the information on how we process the units.

Dwayne Kincaid
LDG

7248. FT-991 Menu settings for use of YT-1200 tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-03-28 19:37:08 UTC
From: joe@...
Topic: 7248 Message: 7248

I purchased an LDG YT-1200 autotuner when I pruchased my FT-991.
I am a member of NAVY MARS and operate on some rather odd frequencies
as a result.

The YT-1200 does an excellent job of tuning to these frequencies,
and I recommend it to anyone faced with a situation similar to mine.

Unfortunately, the LDG instructions did not cover setting the menu
options in the FT-991.

After following the Quick Set-up instructions for connecting the tuner
to the radio, by trial and error I came up with the following FT-991
Menu settings:

028 gps/rs232 rs232c
029 232c rate 38400bps
143 tuner select external

After setting these menu options, the YT-1200 works as described
in the LDG manual.

I hope this may be of help to anyone interested in using the tuner
with the FT-991.

73, Joe K4DMU NNN0BTJ

7249. Re: [LDG-auto-tuners] FT-991 Menu settings for use of YT-1200 tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-03-29 05:49:50 UTC
From: Alex, W5ALX
Topic: 7248 Message: 7249

It is good to remember that you only need to put out 10 watts of AM for it to tune. I use a AT-600 PRO with my 950 into a SB-200 into the tuner. A second of 10w AM, tune the 200, and as they say in UK, "Bob's yer uncle". Though not as versatile as my old Heath SA-2040, it is waaaay more convenient and lighting fast!

73 de W5ALX
Alex Netherton
http://blueridgediscovery.org

Sent from Type Mail

On Mar 28, 2015, 5:35 PM, at 5:35 PM, "joe@... [LDG-auto-tuners]"
<LDG-auto-tuners@yahoogroups.com> wrote:
>I purchased an LDG YT-1200 autotuner when I pruchased my FT-991.
>I am a member of NAVY MARS and operate on some rather odd frequencies
>as a result.
>
>The YT-1200 does an excellent job of tuning to these frequencies,
>and I recommend it to anyone faced with a situation similar to mine.
>
>Unfortunately, the LDG instructions did not cover setting the menu
>options in the FT-991.
>
>After following the Quick Set-up instructions for connecting the tuner
>to the radio, by trial and error I came up with the following FT-991
>Menu settings:
>
>
>028 gps/rs232 rs232c
>029 232c rate 38400bps
>143 tuner select external
>
>After setting these menu options, the YT-1200 works as described
>in the LDG manual.
>
>I hope this may be of help to anyone interested in using the tuner
>with the FT-991.
>
>73, Joe K4DMU NNN0BTJ
>
>

7250. baluns & tuners

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-03-31 14:41:31 UTC
From: wa2hso@...
Topic: 7250 Message: 7250

i will be getting a tuner
i will be building an aluminum rotatable 1/2 wave dipole
the question is
should i install a balun on the antenna anyway, if using the tuner ?
will it cause any problems or just not help or ??

john

7251. Re: [LDG-auto-tuners] baluns & tuners

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-03-31 18:34:38 UTC
From: Jim Allen
Topic: 7250 Message: 7251

It seems to me there are two choices.

One, no balun, feed the antenna with twin lead, with a tuner in the shack, or use a remote autotuner at the feedpoint with coax into the shack, or

Two, put a balun at the feedpoint and run coax back to a tuner in the shack.

If the dipole is to be used on several bands, you might have a problem of very high SWR which means lots of loss on the coax run out to the antenna. Best to use twin lead or a remote autotuner in that case.

I try to avoid losses wherever I can, so mostly I want to use twin lead and avoid coax, or remote autotuners. I use a RT100/RC100 and a unun on a home brew vertical which gives me a very good match on the feedline, minimizing losses. Whether I lose more in the tuner and unun, nobody can say.

I'm in the process of putting up a horizontal loop, and the question is whether to run twin lead in to the shack to a tuner, or mount a tuner up on the mast, or run twin lead down to a more convenient mounting location for the tuner.

73 de W6OGC Jim Allen

On Tue, Mar 31, 2015 at 9:41 AM, wa2hso@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:

>
>
> i will be getting a tuner
> i will be building an aluminum rotatable 1/2 wave dipole
> the question is
> should i install a balun on the antenna anyway, if using the tuner ?
> will it cause any problems or just not help or ??
>
> john
>
>

7252. Re: [LDG-auto-tuners] baluns & tuners

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-03-31 19:03:10 UTC
From: Alex, W5ALX
Topic: 7250 Message: 7252

Depends. How are you feeding the dipole? What band or bands?
For example, I am using a 102 ft center fed with 450 ohm ladder line to a 4:1 balun in the shack and a very short piece of coax. Running a FT-950 into a SB-200 and a LDG AT-600PRO. Can tune 80 thru 6.

Also using an Eagle One on my awning, fed with 20 feet of coax. Tends to bypass on 40 and sometimes 15, but also makes a good signal.

IMHO don't try to feed an all band dipole with coax; losses will be high.

Look up G5RV, but remember that Varney said that when you could, it was better to have ladder line all the way to the shack.

73 de W5ALX
Alex Netherton
http://blueridgediscovery.org

Sent from Type Mail

On Mar 31, 2015, 2:23 PM, at 2:23 PM, "wa2hso@... [LDG-auto-tuners]"
<LDG-auto-tuners@yahoogroups.com> wrote:
>i will be getting a tuner
>i will be building an aluminum rotatable 1/2 wave dipole
>the question is
>should i install a balun on the antenna anyway, if using the tuner ?
>will it cause any problems or just not help or ??
>
>john

7253. Re: [LDG-auto-tuners] baluns & tuners

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-03-31 19:51:11 UTC
From: Charles Scott
Topic: 7250 Message: 7253

John:

I guess it depends on whether the antenna is intended to be single-band or multi-band and how you want to feed it. If it's single-band you probably have several options for how to feed it. If it's multi-band, you might have an insulator in the center and feed both sides directly.

Some feed types are essentially a balun while some might require the addition of a balun to prevent common-mode current on the transmission line due to balance issues.

Tell us more about how the antenna you would like to build, what band or bands, and what you want it to do for you.

Chuck - N8DNX

On 3/31/2015 10:41 AM, wa2hso@... [LDG-auto-tuners] wrote:
>
>
> i will be getting a tuner
> i will be building an aluminum rotatable 1/2 wave dipole
> the question is
> should i install a balun on the antenna anyway, if using the tuner ?
> will it cause any problems or just not help or ??
>
> john

7254. Re: [LDG-auto-tuners] baluns & tuners

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-03-31 23:41:49 UTC
From: Hank Greeb
Topic: 7250 Message: 7254

You should not NEED a tuner, but a 1 to 1 balun would be a good idea.

depending on the height above ground, the rotator may or may not be
needed. It's not a bad idea, though.

72/73 de n8xx Hg
QRP >99.44% of the time

On 3/31/2015 10:41 AM, wa2hso@... [LDG-auto-tuners] wrote:
>
>
> i will be getting a tuner
> i will be building an aluminum rotatable 1/2 wave dipole
> the question is
> should i install a balun on the antenna anyway, if using the tuner ?
> will it cause any problems or just not help or ??
>
> john

7256. tuners and baluns

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-04-01 18:14:07 UTC
From: wa2hso@...
Topic: 7255 Message: 7256

ill try to be a bit more specific this post

i am going to build an aluminum tubing dipole 15 meters 1/2 wave
i will feed it with 50 ohm coax, element will be isolated from the boom
the question is......
if i use a tuner will having balun at the antenna be
an advantage or a dis-advantage (or just not necessary)
(I may want to use the tuner to access 40 meters also)

john

7257. Re: [LDG-auto-tuners] tuners and baluns

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-04-02 05:54:47 UTC
From: Hank Greeb
Topic: 7255 Message: 7257

IF you use a half wave antenna, cut for 15 meters, it will be about 7.5 meters or 22 feet tip to tip.

It should work fine on 15 meters, preferably with some sort of balun (typically a coil of coaxial cable right at the feed point).

However, it will be very, very, very short if you try to use it for 40 meters. You "probably" will have a hard time matching it to your rig. If the impeance matching device is at the transmitter end of the transmission line, you'll probably burn up a significant amount of RF due to SWR in the feed line. Generally, the shortest antenna length for a 40 meter dipole is about 44 feet long. I forget the details of why, except folks tell me that a radiator fed in the center should be at least 3/8 of a wavelength long, and 44 feet presents an "optimum" for a reason which escapes me.

Now, the alternative, a 20 meter (67 feet), or thereabouts dipole cut for 40 meters is 1/4 wave length on 40 meters. On 15 meters it is 3/4 wavelength, and a reasonably good match to 50 or 75 ohm coax, using the same balun as you'd use for 40 meters. It will have more directivity than a 1/4 wavelength antenna, broadside to the wire. The lobe will be compressed.

Of course, making a rotatable 67 foot dipole is considerably more difficult than one 1/3 the length. But if you want to use it for both 40 and 15 meters without needing a machine device . . . .

72/73 de n8xx Hg
QRP >99.44% of the time

On 4/1/2015 2:14 PM, wa2hso@... [LDG-auto-tuners] wrote:
>
>
> ill try to be a bit more specific this post
>
> i am going to build an aluminum tubing dipole 15 meters 1/2 wave
> i will feed it with 50 ohm coax, element will be isolated from the
> boom the question is......
>
> if i use a tuner will having balun at the antenna be an advantage or a
> dis-advantage (or just not necessary)
>
> (I may want to use the tuner to access 40 meters also)
>
> john
>

> ---
> Posted by: wa2hso@...
> ---
>
>

7258. Re: FT-991 Menu settings for use of YT-1200 tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-04-01 23:57:50 UTC
From: ldgyahoo@...
Topic: 7248 Message: 7258

Hello,

Also check our web site on the YT-1200 for more settings that may need to be set for the YT-1200 to work with the FT-991.

Dwayne Kincaid
LDG

7259. Re: [LDG-auto-tuners] tuners and baluns

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-04-02 02:54:14 UTC
From: Alex, W5ALX
Topic: 7255 Message: 7259

It will not work on 40; it's the other way around.
Make a 32 foot center fed with ladder line. Will work from 20 to 6.
Make one 102 feet long and will go 80 to 10.
Coax on any other than the resonant band will not work well.

73 de W5ALX
Alex Netherton
http://blueridgediscovery.org

Sent from Type Mail

On Apr 1, 2015, 2:47 PM, at 2:47 PM, "wa2hso@... [LDG-auto-tuners]"
<LDG-auto-tuners@yahoogroups.com> wrote:
>ill try to be a bit more specific this post
>
>i am going to build an aluminum tubing dipole 15 meters 1/2 wave
>i will feed it with 50 ohm coax, element will be isolated from the boom
>the question is......
>if i use a tuner will having balun at the antenna be
>an advantage or a dis-advantage (or just not necessary)
>(I may want to use the tuner to access 40 meters also)
>
>john

7260. LDG RT/RC-100 Not Working?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-04-04 17:47:54 UTC
From: cbjesseeNH@...
Topic: 7260 Message: 7260

I put a LDG RT-100 in my coax feedline from a G5RV antenna, and connected the LDG RC-100 DC source between my feedline and transceiver, with a SWR/Power Meter in between them. Tuning up 25W on any band shows no change in SWR, suggesting the RT-100 is not functioning. The RT/RC-100 will not tune in automatic or manual modes. SWR measured is: 10m (4.54), 12m (6.35), 15m (7.35), 17m (6.84), 20m (3.49), 30m (7.05), 40m (10.3), 60m (12.4), 80m (14.9), 160m (59.5). The LDG RT-RC-100 is rated to tune 4-800 ohm.

When I swap a LDG Z-11ProII for the RC-100 controller, I am able to tune just fine *through* the RT-100 remote ATU, so I know I have good connections. I am able to receive WSPR signals and voice through the RT/RC-100 without or without the RC-100 powered on. The LDG Z-11ProII is rated to tune 6-100 ohm.

The RT-100 is grounded to a copper rod, and located between 150ft of coax from my shack and 70ft of coax from the G5RV.

Is there a safe way to tell if I'm getting DC from the RC-100 to the RT-100?

7261. Re: [LDG-auto-tuners] LDG RT/RC-100 Not Working?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-04-04 23:58:07 UTC
From: Jim Allen
Topic: 7260 Message: 7261

I have that combo. I seem to recall that the manual warns not to short out the coax which carries DC to the RT-100, like running the coax to an antenna switch which grounds unused ports. It sounds as though you may have blown your RC-100.

73 de W6OGC Jim Allen

Sent from my iPad

> On Apr 4, 2015, at 12:47 PM, cbjesseeNH@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:
>
> I put a LDG RT-100 in my coax feedline from a G5RV antenna, and connected the LDG RC-100 DC source between my feedline and transceiver, with a SWR/Power Meter in between them. Tuning up 25W on any band shows no change in SWR, suggesting the RT-100 is not functioning. The RT/RC-100 will not tune in automatic or manual modes. SWR measured is: 10m (4.54), 12m (6.35), 15m (7.35), 17m (6.84), 20m (3.49), 30m (7.05), 40m (10.3), 60m (12.4), 80m (14.9), 160m (59.5). The LDG RT-RC-100 is rated to tune 4-800 ohm.
>
> When I swap a LDG Z-11ProII for the RC-100 controller, I am able to tune just fine *through* the RT-100 remote ATU, so I know I have good connections. I am able to receive WSPR signals and voice through the RT/RC-100 without or without the RC-100 powered on. The LDG Z-11ProII is rated to tune 6-100 ohm.
>
> The RT-100 is grounded to a copper rod, and located between 150ft of coax from my shack and 70ft of coax from the G5RV.
>
> Is there a safe way to tell if I'm getting DC from the RC-100 to the RT-100?
>
>
>
>

7262. Re: [LDG-auto-tuners] LDG RT/RC-100 Not Working?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-04-05 00:23:42 UTC
From: Joe
Topic: 7260 Message: 7262

It isn't as simple as having the cables reversed on the back of the
RC-100 or the RT-100?

Joe

On 4/4/2015 1:47 PM, cbjesseeNH@... [LDG-auto-tuners] wrote:
>
>
> I put a LDG RT-100 in my coax feedline from a G5RV antenna, and
> connected the LDG RC-100 DC source between my feedline and
> transceiver, with a SWR/Power Meter in between them. Tuning up 25W on
> any band shows no change in SWR, suggesting the RT-100 is not functioning.

7263. Re: tuners and baluns

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-04-06 01:48:36 UTC
From: wb4rtp@...
Topic: 7255 Message: 7263

John,
(this is my third try, the forum editor kept deleting my typing, so please pardon me if I am a bit terse)
Yes, you need a balun, but not just on the tuner output but on all three cables. I and others have noted that LDG tuners are subject to RFI, so on my KT-100 I put "current baluns" (RF chokes) on all cables: about 12 type-31 ferrite beads with 0.5" id on the RG-214 RF output coax; about 7 turns of the RG-8X RF input coax in a 0.722 id split bead; and about 8 turns of the CAT-5 power&control cable around a type-31 2.400" od torroid core. You can get the ferrite through Amidon Associates for small quantities, while Mouser Electronics has the Fair-Rite equivalents at a qood discount for large quantities.

Amidon 2x31-4181p2 31 Matl Snap-on Beads .514id 1.22od 1.55ht

Amidon FB-31-1020 31 Material Round Cable Beads 1"od 0.5"id 1.12"ht
Mouser 623-2631102002 Fair-Rite 2631102002 31 ROUND CABLE CORE 1"od 0.5"id 1.12"ht

Amidon FB-31-24001 31 Material Round Cable Beads 2.4" x 1.4" x .5"
Mouser 623-2631803802 Fair-Rite 2631803802 31 ROUND CABLE CORE 2.4" x 1.4" x .5"

Amidon 2X31-6451P2 31 Matl Snap-on Beads .722id 1.52od 1.87ht
Mouser 623-0431176451 Fair-Rite 0431176451 31 ROUND CABLE SPLIT CORE 1.52"o x 0.722"i x 1.87"l

If you use CAT-5 cable for power&control, I recommend you pay attention to wire pairing. CAT-5 cable has 4 pairs (8 conductors), and the KT-100 has two control signal plus power. I used one pair for each of the two control signals, and put the other two pairs in parallel for power. Thus, two conductors are used for power, one conductor for each of two control signals, and the remaining four conductors are the pairs for the previous four and are all connected to ground.

You can see photos of my KT-100 installation in the photo area in this forum.

As to the size of the antenna, I recommend that you use a non-harmonically related length. For example, the S9-31v vertical that I have is 31-feet, so it resonates at about 7.5MHz. If it were 32-feet, it would resonate nicely at about 7 MHz, but then would be anti-resonate (end-fed half-wave) at about 14 MHz and would be very difficult to tune. As it is, it is not resonant on any ham band, but not too far out of resonance on any ham band. I would recommend you build your dipole for about one-half wavelength at 17-meters, since the WARC bands are not harmonically related to the other bands.

You might also model your antenna using an antenna simulation such as EZ-NEC since that will show the lobes and nulls that will develop when operating at frequencies much higher than the half-wave frequency.

Here is a link to the photos of my KT-100 installation:

https://groups.yahoo.com/neo/groups/LDG-auto-tuners/photos/photostream/lightbox/1601940004?orderBy=mtime&sortOrder=desc&photoFilter=ALL#zax/1601940004

73,
Avery, WB4RTP

7264. Re: LDG RT/RC-100 Not Working?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-04-06 02:55:27 UTC
From: jcaplins@...
Topic: 7260 Message: 7264

The dc source should be between the coax to the antenna and the swr meter and not between the swr meter and the xcvr. do not use a grounding coax switch or a balun between the dc source and the rt100. Also check the voltage on the dc source as you might have blown thd internal fuse.

John
kk4jc

7265. Z100 Autotuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-04-12 14:22:04 UTC
From: g4vdx@...
Topic: 7265 Message: 7265

I think i have killed my Z100, L4 burned and R5 also.
Anyone know the size of L4 ?
I hope I can repair my Z100 by replacing these parts.
The board is Z-100 v2.3
JOE

7266. Re: LDG RT/RC-100 Not Working?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-04-12 21:38:51 UTC
From: cbjesseeNH@...
Topic: 7260 Message: 7266

After a lengthy investigation, I took apart the RC-100, pushed on various components with a cotton gloved finger, and it all started working just fine! I don't see any broken or cold solder joints, so I'll cross my fingers...

Thanks all, for the advice.

BRET
KC1CJN

7267. Anyone using a LDG RT-600

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-04-13 00:11:31 UTC
From: ve5kc@...
Topic: 7267 Message: 7267

The new LDG RT-600 has been available for a while now.

Can anyone share their experience use this tuner?

73 - Ken - VE5KC

7268. Re: [LDG-auto-tuners] Re: LDG RT/RC-100 Not Working?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-04-13 02:28:30 UTC
From: Steve Wolf
Topic: 7260 Message: 7268

Bret,

I had a similar problem with an MFJ tuner (not automatic) several years ago. I did the same thing.....pushed on various components and it started working. But it was short lived. A few days later the problem reoccurred. So, I found a consistent signal, like WWV, and started tapping on components and working switches, until the signal changed in strength. In my case, it was a poor solder joint. The solder joint “looked” OK, but it definitely was not. It was a wire soldered directly to a coil. I cleaned both connection points and re-soldered. Working great ever since. I would suggest that you find the weakest WWV (or CHU) signal, and use that to test for an intermittent connection, switch contact, etc.
Since this is an autotuner, I realize that this is going to be different than trouble shooting a manual tuner.
Good luck.

73,

Steve KC8BW

From: mailto:LDG-auto-tuners@yahoogroups.com
Sent: Sunday, April 12, 2015 5:38 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: LDG RT/RC-100 Not Working?

After a lengthy investigation, I took apart the RC-100, pushed on various components with a cotton gloved finger, and it all started working just fine! I don't see any broken or cold solder joints, so I'll cross my fingers...

Thanks all, for the advice.

BRET
KC1CJN

7269. Re: [LDG-auto-tuners] LDG RT/RC-100 Not Working?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-04-13 14:35:08 UTC
From: JDO
Topic: 7260 Message: 7269

Thou might try taking the SWR meter out. The RT100 will make a clicking sound when tuning. Also you may not have the appropriate power supply for the RC100. One other thing is to cover the RT100 with a bucket or some other water proof container. Mine is not water proof. I had it repair twice before I covered it with a five gallon bucket. Since then I've had no problems.
David KF5WDJ

Sent from my iPhone

> On Apr 4, 2015, at 6:58 PM, Jim Allen Jim.Allen@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:
>
> I have that combo. I seem to recall that the manual warns not to short out the coax which carries DC to the RT-100, like running the coax to an antenna switch which grounds unused ports. It sounds as though you may have blown your RC-100.
>
> 73 de W6OGC Jim Allen
>
>
>
> Sent from my iPad
>
>> On Apr 4, 2015, at 12:47 PM, cbjesseeNH@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:
>>
>>
>> I put a LDG RT-100 in my coax feedline from a G5RV antenna, and connected the LDG RC-100 DC source between my feedline and transceiver, with a SWR/Power Meter in between them. Tuning up 25W on any band shows no change in SWR, suggesting the RT-100 is not functioning. The RT/RC-100 will not tune in automatic or manual modes. SWR measured is: 10m (4.54), 12m (6.35), 15m (7.35), 17m (6.84), 20m (3.49), 30m (7.05), 40m (10.3), 60m (12.4), 80m (14.9), 160m (59.5). The LDG RT-RC-100 is rated to tune 4-800 ohm.
>>
>> When I swap a LDG Z-11ProII for the RC-100 controller, I am able to tune just fine *through* the RT-100 remote ATU, so I know I have good connections. I am able to receive WSPR signals and voice through the RT/RC-100 without or without the RC-100 powered on. The LDG Z-11ProII is rated to tune 6-100 ohm.
>>
>> The RT-100 is grounded to a copper rod, and located between 150ft of coax from my shack and 70ft of coax from the G5RV.
>>
>> Is there a safe way to tell if I'm getting DC from the RC-100 to the RT-100?
>>
>>
>>

>
>

7270. Re: [LDG-auto-tuners] Anyone using a LDG RT-600

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-04-13 15:29:04 UTC
From: Bruce E. Jarrell
Topic: 7267 Message: 7270

Just got mine a few weeks ago. Put it up in the attic (I'm in a CC&R HOA so antennae are forbidden). 85 feet of LMR-240-UF from radio to RT-600 and then another 25 feet of RG-8X to a 4:1 Balun Designs at center feed loop of 235' of insulated poly-S stealth black insulated wire run from under the eave at the peak of second story roof line out through two Live Oak trees to a corner Elm tree and back. Closed loop is in a triangle shape about 25' high. Performance has been great - it will even tune 160m. QSO's with Congo, Jordan, Poland, Israel, etc. on the loop, as well as, excellent NVIS operation on MARS frequencies. QTH is Florida east coast. I run usually 100w but have used the ALS-600 for a boost when needed. Been waiting for this Remote Tuner for a long time and it was worth the wait.
73,
Bruce/NN4BJ
Bruce's iPad Mini

> On Apr 12, 2015, at 8:11 PM, ve5kc@... [LDG-auto-tuners]
<LDG-auto-tuners@yahoogroups.com> wrote:
>
> The new LDG RT-600 has been available for a while now.
>
> Can anyone share their experience use this tuner?
>
> 73 - Ken - VE5KC
>
>
>
>

7271. Re: [LDG-auto-tuners] Anyone using a LDG RT-600

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-04-14 10:26:03 UTC
From: ve5kc@...
Topic: 7267 Message: 7271

Thank for the reply, Bruce..

My current antenna system is far from fancy, low, short - limited space. A loop would be nice but no trees to hold it up. I wasn't suppose to have an antenna but it has been tolerated and after 8 years it is no longer noticed as a problem.

I wonder if a RT-600 at the antenna feed point, instead in the shack would get more power to the antenna. My hope would be to less power loss than with 65 feet of coax between the tuner and antenna feed point. The next question is how well it will actually work at the rated -40 temperature. It gets cold up here in my part of Canada.

73.. Ken - VE5KC

---In LDG-auto-tuners@yahoogroups.com, <ki4tjy@...> wrote :

Just got mine a few weeks ago. Put it up in the attic (I'm in a CC&R HOA so antennae are forbidden). 85 feet of LMR-240-UF from radio to RT-600 and then another 25 feet of RG-8X to a 4:1 Balun Designs at center feed loop of 235' of insulated poly-S stealth black insulated wire run from under the eave at the peak of second story roof line out through two Live Oak trees to a corner Elm tree and back. Closed loop is in a triangle shape about 25' high. Performance has been great - it will even tune 160m. QSO's with Congo, Jordan, Poland, Israel, etc. on the loop, as well as, excellent NVIS operation on MARS frequencies. QTH is Florida east coast. I run usually 100w but have used the ALS-600 for a boost when needed. Been waiting for this Remote Tuner for a long time and it was worth the wait.
73,
Bruce/NN4BJ
Bruce's iPad Mini

On Apr 12, 2015, at 8:11 PM, ve5kc@... mailto:ve5kc@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com mailto:LDG-auto-tuners@yahoogroups.com> wrote:

The new LDG RT-600 has been available for a while now.

Can anyone share their experience use this tuner?

73 - Ken - VE5KC

7272. Re: [LDG-auto-tuners] Anyone using a LDG RT-600

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-04-14 04:11:24 UTC
From: ge6146@...
Topic: 7267 Message: 7272

Hello:

I have had my RT-600 for about a month. I have two dipoles each fed with different lengths of 450 ohm line. Each one then is connected to a 1:1 current balun. I'm able to select each one with a remote switch and then directly to the RT-600. No problems tuning each dipole from 80-6 meters. Because each antenna has a different impedance because of the different feedline lengths, the memory function forces me to do a lengthy tuning when I switch antennas on the same frequency. As long as I don't switch antennas I can return to a memorized frequency and the retune is quite fast, 2-3 seconds. Additional code could take care of this but I'm sure my situation is not normal for the majority of users.

I run 200 watts to the tuner and do all my tuning at about 5-10 watts, so far I'm quite happy with its operation. I did send LDG an email asking if there was anyway I could force the tuner to find a better match than 1:3 which I have on a couple of bands. They answered that is was not possible. Maybe some day a software update will address this.

73's
Bernie/W4EDX

7273. Re: [LDG-auto-tuners] Anyone using a LDG RT-600

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-04-14 13:25:37 UTC
From: Jim Allen
Topic: 7267 Message: 7273

1.3:1 is not a problem for all practical purposes. Anything below 2:1 is adequate.

This is part of the old wife's tales, superstitions and voodoo that is perpetuated mostly by ads for store bought antennas that causes many of us to spent enormous amounts of treasure, time and fretting over the SWRs to reduce it down to the magic 1:1 nirvana. This to me is the biggest swindle in amateur radio!

The greater worry is what the SWR might be on the other side of the tuner if one is using coax out to the antenna. Losses can become significant, even hideous, in a hurry, depending on how high the SWR is, what kind of coax and how long a run.

I put up a G5RV about a year ago, classic dimensions, with ~100' or so of RG8X back to the shack. I noticed that I was getting no replies on 10M and complained on one of the forums. An antenna guru of some renown kindly informed me that the SWR in that system on 10M was likely in the vicinity of 60:1 and virtually all of the power was being dissipated in heat en route to the antenna, leaving a pitiful amount to radiate. My tuner matched this "load" to the transmitter just fine but nobody could hear me!

I replaced this antenna with a 130' dipole fed with 450 ohm ladder line and everyone is happy!

73 de W6OGC Jim Allen

Sent from my iPad

> On Apr 13, 2015, at 11:11 PM, ge6146@... [LDG-auto-tuners]
<LDG-auto-tuners@yahoogroups.com> wrote:
>
> Hello:
>
> I have had my RT-600 for about a month. I have two dipoles each fed with different lengths of 450 ohm line. Each one then is connected to a 1:1 current balun. I'm able to select each one with a remote switch and then directly to the RT-600. No problems tuning each dipole from 80-6 meters. Because each antenna has a different impedance because of the different feedline lengths, the memory function forces me to do a lengthy tuning when I switch antennas on the same frequency. As long as I don't switch antennas I can return to a memorized frequency and the retune is quite fast, 2-3 seconds. Additional code could take care of this but I'm sure my situation is not normal for the majority of users.
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> I run 200 watts to the tuner and do all my tuning at about 5-10 watts, so far I'm quite happy with its operation. I did send LDG an email asking if there was anyway I could force the tuner to find a better match than 1:3 which I have on a couple of bands. They answered that is was not possible. Maybe some day a software update will address this.
>
> 73's
> Bernie/W4EDX
>

>

7274. Re: [LDG-auto-tuners] Anyone using a LDG RT-600

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-04-14 13:52:43 UTC
From: Bruce Jarrell
Topic: 7267 Message: 7274

Ken,I understand and still remember the cold as I spent 4 years in Montreal in the sixties. Graduated High School there and a few years of college before joining the USAF. Great time and people were great made several long lasting friendships that exist today there. This of course was before the separatists got hold of things.
Anyway with all the losses I had running the previous configuration it did make a difference both with the new coax and the Remote Tuner.
ORIGINAL:IC-756ProIII -> ALS-600 -> LDG AT1000Pro -> AWM-30 SWR/Wattmeter -> 50 ft RG-8X coax -> Ameritron RCS-4 remote antenna switch -> 25 feet RG-8X coax -> 4:1 balun from Balun Designs at Loop feed point. --- Don't get me wrong this one did work but not exceptionally well. Although the 4:1 balun did make a good improvement when I swapped out he 1:1 current balun for the 4:1 balun.
NEW:IC-756ProIII -> ALS-600 -> AWM-30 SWR/Wattmeter -> RC-600 controller -> 85 ft LMR240-UF coax -> RT-600 -> 25 feet coax -> 4:1 balun from Balun Designs at Loop feed point I intended to shorten the last bit of coax but was too hot in the attic so I left it. I'm sure that would have another significant improvement to performance.
Before using the ORIGINAL configuration i could not tune 160m now with the NEW I can easily. The performance on the other bands has been surprising. I have talked to many DX station over 6,000 miles away using the loop!!!
Anyway the plastic case maybe an issue with the cold outside in those cold Canadian winter so I would put the tuner in some sort of waterproof insulated container, maybe with a small light bulb in it to stay warm during the fridge temperatures. Since I was worried about the HIGH temperatures I wrote LDG and got the response that the RT-600 is rated at 140 degrees F so temps here in Florida attic should be ok. Did not however ask about low temp - LDG folks are quite accommodating you might want to email and task a few questions about cold.
Bon Chance Mon Ami! Well I had to learn a little French being in Quebec for four years.73 Bruce/NN4BJ

On Monday, April 13, 2015 11:35 AM, "'Bruce E. Jarrell' ki4tjy@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:

Just got mine a few weeks ago. Put it up in the attic (I'm in a CC&R HOA so antennae are forbidden). 85 feet of LMR-240-UF from radio to RT-600 and then another 25 feet of RG-8X to a 4:1 Balun Designs at center feed loop of 235' of insulated poly-S stealth black insulated wire run from under the eave at the peak of second story roof line out through two Live Oak trees to a corner Elm tree and back. Closed loop is in a triangle shape about 25' high. Performance has been great - it will even tune 160m. QSO's with Congo, Jordan, Poland, Israel, etc. on the loop, as well as, excellent NVIS operation on MARS frequencies. QTH is Florida east coast. I run usually 100w but have used the ALS-600 for a boost when needed.
Been waiting for this Remote Tuner for a long time and it was worth the wait.73, Bruce/NN4BJ
Bruce's iPad Mini
On Apr 12, 2015, at 8:11 PM, ve5kc@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:

The new LDG RT-600 has been available for a while now.

Can anyone share their experience use this tuner?

73 - Ken - VE5KC

7275. Re: [LDG-auto-tuners] Anyone using a LDG RT-600

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-04-14 14:08:49 UTC
From: John
Topic: 7267 Message: 7275

Is it just my pc or is the font below really small?

From: mailto:LDG-auto-tuners@yahoogroups.com
Sent: Tuesday, April 14, 2015 2:52 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] Anyone using a LDG RT-600

Ken,
I understand and still remember the cold as I spent 4 years in Montreal in the sixties. Graduated
High School there and a few years of college before joining the USAF. Great time and people were
great made several long lasting friendships that exist today there. This of course was before the
separatists got hold of things.

Anyway with all the losses I had running the previous configuration it did make a difference both
with the new coax and the Remote Tuner.

ORIGINAL:
IC-756ProIII -> ALS-600 -> LDG AT1000Pro -> AWM-30 SWR/Wattmeter -> 50 ft RG-8X coax -> Ameritron
RCS-4 remote antenna switch -> 25 feet RG-8X coax -> 4:1 balun from Balun Designs at Loop feed
point. --- Don't get me wrong this one did work but not exceptionally well. Although the 4:1 balun
did make a good improvement when I swapped out he 1:1 current balun for the 4:1 balun.

NEW:
IC-756ProIII -> ALS-600 -> AWM-30 SWR/Wattmeter -> RC-600 controller -> 85 ft LMR240-UF coax ->
RT-600 -> 25 feet coax -> 4:1 balun from Balun Designs at Loop feed point I intended to shorten
the last bit of coax but was too hot in the attic so I left it. I'm sure that would have another
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light bulb in
it to stay warm during the fridge temperatures. Since I was worried about the HIGH temperatures I
wrote LDG and got the response that the RT-600 is rated at 140 degrees F so temps here in Florida
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might want to email and task a few questions about cold.

Bon Chance Mon Ami! Well I had to learn a little French being in Quebec for four years.
73

Bruce/NN4BJ

7276. Re: [LDG-auto-tuners] Anyone using a LDG RT-600

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-04-14 15:14:55 UTC
From: Leonard K. Pennock
Topic: 7267 Message: 7276

really small font.

Leonard K. Pennock
AD7AS

Those who walk bravely through life, unafraid of loss or failure,
find that they very rarely lose or fail.

On 04/14/2015 07:08 AM, 'John' v321uk@... [LDG-auto-tuners] wrote:
>
>
> Is it just my pc or is the font below really small?
> *From:* mailto:LDG-auto-tuners@yahoogroups.com
> *Sent:* Tuesday, April 14, 2015 2:52 PM
> *To:* LDG-auto-tuners@yahoogroups.com
> <mailto:LDG-auto-tuners@yahoogroups.com>
> *Subject:* Re: [LDG-auto-tuners] Anyone using a LDG RT-600
>
>
> Ken,
> I understand and still remember the cold as I spent 4 years in Montreal
> in the sixties. Graduated High School there and a few years of college
> before joining the USAF. Great time and people were great made several
> long lasting friendships that exist today there. This of course was
> before the separatists got hold of things.
> Anyway with all the losses I had running the previous configuration it
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> ft RG-8X coax -> Ameritron RCS-4 remote antenna switch -> 25 feet RG-8X
> coax -> 4:1 balun from Balun Designs at Loop feed point. --- Don't get
> me wrong this one did work but not exceptionally well. Although the 4:1
> balun did make a good improvement when I swapped out he 1:1 current
> balun for the 4:1 balun.
> NEW:
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> 85 ft LMR240-UF coax -> RT-600-> 25 feet coax -> 4:1 balun from Balun
> Designs at Loop feed point I intended to shorten the last bit of coax
> but was too hot in the attic so I left it. I'm sure that would have
> another significant improvement to performance.
>
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> the NEW I can easily. The performance on the other bands has been
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> using the loop!!!
>

> Anyway the plastic case maybe an issue with the cold outside in those
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> insulated container, maybe with a small light bulb in it to stay warm
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> temperatures I wrote LDG and got the response that the RT-600 is rated
> at 140 degrees F so temps here in Florida attic should be ok. Did not
> however ask about low temp - LDG folks are quite accommodating you might
> want to email and task a few questions about cold.
>
> Bon Chance Mon Ami! Well I had to learn a little French being in Quebec
> for four years.
> 73
> Bruce/NN4BJ
>
>
>

7277. Re: [LDG-auto-tuners] Anyone using a LDG RT-600

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-04-14 15:18:53 UTC
From: Rudi
Topic: 7267 Message: 7277

It's that small!

From: "'John' v321uk@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com>
To: LDG-auto-tuners@yahoogroups.com
Sent: Tuesday, April 14, 2015 10:08 AM
Subject: Re: [LDG-auto-tuners] Anyone using a LDG RT-600

#yiv0638714161 #yiv0638714161 -- #yiv0638714161 .yiv0638714161ygrp-photo-title{clear:both;
font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv0638714161
div.yiv0638714161ygrp-photo{background-position:center;background-repeat:no-repeat;backgro
und-color:white;border:1px solid black;height:62px;width:62px;}#yiv0638714161
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div.yiv0638714161ygrp-file {width:30px;}#yiv0638714161 div.yiv0638714161attach-table
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rflow:hidden;text-align:center;width:75px;}#yiv0638714161 div.yiv0638714161ygrp-photo{back
ground-position:center;background-repeat:no-repeat;background-color:white;border:1px solid
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a:visited {text-decoration:none;}#yiv0638714161 div.yiv0638714161attach-table
div.yiv0638714161attach-row {clear:both;}#yiv0638714161 div.yiv0638714161attach-table
div.yiv0638714161attach-row div {float:left;}#yiv0638714161 p {clear:both;padding:15px 0
3px 0;overflow:hidden;}#yiv0638714161 div.yiv0638714161ygrp-file
{width:30px;}#yiv0638714161 div.yiv0638714161attach-table div.yiv0638714161attach-row div
div a {text-decoration:none;}#yiv0638714161 div.yiv0638714161attach-table
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div.yiv0638714161ygrp-file-title {font-weight:bold;}#yiv0638714161 #yiv0638714161

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mailto:LDG-auto-tuners@yahoogroups.comSent: Tuesday, April 14, 2015 2:52 PMTo:
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7278. Re: [LDG-auto-tuners] Anyone using a LDG RT-600

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-04-14 15:19:31 UTC
From: Rudi
Topic: 7267 Message: 7278

BTW you CAN change the font to a larger size!

From: "'John' v321uk@yahoo.co.uk [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com>
To: LDG-auto-tuners@yahoogroups.com
Sent: Tuesday, April 14, 2015 10:08 AM
Subject: Re: [LDG-auto-tuners] Anyone using a LDG RT-600

#yiv0638714161 #yiv0638714161 -- #yiv0638714161 .yiv0638714161ygrp-photo-title{clear:both;
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#yiv0638714161 div.yiv0638714161photo-title a:hover, #yiv0638714161
div.yiv0638714161photo-title a:visited {text-decoration:none;}#yiv0638714161
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div.yiv0638714161attach-table div.yiv0638714161attach-row div {float:left;}#yiv0638714161
p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv0638714161
div.yiv0638714161ygrp-file {width:30px;}#yiv0638714161 div.yiv0638714161attach-table
div.yiv0638714161attach-row div div a {text-decoration:none;}#yiv0638714161
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#yiv0638714161 .yiv0638714161ygrp-photo-title{clear:both;font-size:smaller;height:15px;ove
rflow:hidden;text-align:center;width:75px;}#yiv0638714161 div.yiv0638714161ygrp-photo{back
ground-position:center;background-repeat:no-repeat;background-color:white;border:1px solid
black;height:62px;width:62px;}#yiv0638714161 div.yiv0638714161photo-title a,
#yiv0638714161 div.yiv0638714161photo-title a:active, #yiv0638714161
div.yiv0638714161photo-title a:hover, #yiv0638714161 div.yiv0638714161photo-title
a:visited {text-decoration:none;}#yiv0638714161 div.yiv0638714161attach-table
div.yiv0638714161attach-row {clear:both;}#yiv0638714161 div.yiv0638714161attach-table
div.yiv0638714161attach-row div {float:left;}#yiv0638714161 p {clear:both;padding:15px 0
3px 0;overflow:hidden;}#yiv0638714161 div.yiv0638714161ygrp-file
{width:30px;}#yiv0638714161 div.yiv0638714161attach-table div.yiv0638714161attach-row div
div a {text-decoration:none;}#yiv0638714161 div.yiv0638714161attach-table
div.yiv0638714161attach-row div div span {font-weight:normal;}#yiv0638714161
div.yiv0638714161ygrp-file-title {font-weight:bold;}#yiv0638714161 #yiv0638714161

Is it just my pc or is the font below really small? From: mailto:LDG-auto-tuners@yahoogroups.comSent: Tuesday, April 14, 2015 2:52 PMTo: LDG-auto-tuners@yahoogroups.comSubject: Re: [LDG-auto-tuners] Anyone using a LDGRT-600

Ken,I understand and still remember the cold asI spent 4 years in Montreal in the sixties. Graduated High School thereand a few years of college before joining the USAF. Great time and peoplewere great made several long lasting friendships that exist today there. This of course was before the separatists got hold of things. Anyway with all the losses I had running theprevious configuration it did make a difference both with the new coaxand the

Remote Tuner. ORIGINAL:IC-756ProIII -> ALS-600-> LDG AT1000Pro -> AWM-30 SWR/Wattmeter -> 50 ft RG-8X coax ->Ameritron RCS-4 remote antenna switch -> 25 feet RG-8X coax -> 4:1 balunfrom Balun Designs at Loop feed point. --- Don't get me wrong this one didwork but not exceptionally well. Although the 4:1 balun did make a goodimprovement when I swapped out he 1:1 current balun for the 4:1 balun. NEW:IC-756ProIII -> ALS-600-> AWM-30SWR/Wattmeter -> RC-600 controller -> 85 ft LMR240-UF coax-> RT-600 -> 25 feet coax -> 4:1 balun from Balun Designs atLoop feed point   I intended to shorten the last bit of coax butwas too hot in the attic so I left it. I'm sure that would have anothersignificant improvement to performance.

Before using theORIGINAL configuration i could not tune 160m now with the NEW I caneasily. The performance on the other bands has been surprising. Ihave talked to many DX station over 6,000 miles away using theloop!!!

Anyway the plasticcase maybe an issue with the cold outside in those cold Canadian winter so Iwould put the tuner in some sort of waterproof insulated container, maybe with asmall light bulb in it to stay warm during the fridge temperatures. SinceI was worried about the HIGH temperatures I wrote LDG and got the response thatthe RT-600 is rated at 140 degrees F so temps here in Florida attic should beok. Did not however ask about low temp - LDG folks are quite accommodatingyou might want to email and task a few questions about cold.

Bon Chance Mon Ami! WellI had to learn a little French being in Quebec for four years.73 Bruce/NN4BJ

7279. Re: [LDG-auto-tuners] Anyone using a LDG RT-600

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-04-14 15:24:41 UTC
From: ge6146@...
Topic: 7267 Message: 7279

Hi Jim:

Yes I realize the difference between 1:1 and 1:3 is not a problem to the transmitter and certainly does not change what the receiving station is hearing, it was only a question to LDG about the ability to change the tuning SWR range.

Thank you for your input.

Bernie
W4EDX

7280. Re: [LDG-auto-tuners] Anyone using a LDG RT-600

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-04-14 17:32:43 UTC
From: Jim Allen
Topic: 7267 Message: 7280

Do you mean 1:1 and "1:3" or "1.3:1:?" 1:3 is getting up there. I read it as 1.3:1 on your first inquiry.

73 de W6OGC Jim Allen

On Tue, Apr 14, 2015 at 10:24 AM, ge6146@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:

>
>
> Hi Jim:
>
> Yes I realize the difference between 1:1 and 1:3 is not a problem to the
> transmitter and certainly does not change what the receiving station is
> hearing, it was only a question to LDG about the ability to change the
> tuning SWR range.
>
> Thank you for your input.
>
> Bernie
> W4EDX
>
>

7281. Re: [LDG-auto-tuners] Anyone using a LDG RT-600

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-04-14 19:17:38 UTC
From: Hank Greeb
Topic: 7267 Message: 7281

My itty bitty AT-Sprint, original model, circa 2003, puts out a solid 3 watts into a 3 to 1 SWR. I've made many contacts with a 31' Jackite pole supporting a 33' long wire and no impedance matching device. Usually the best I can get without the Z-100 is SWR=3, by fiddling around with counterpoise length.

My LDG Z-100 seems set to "typically" seek a SWR=< 2.0. Sometimes it gets to <1.4, but often it stops tuning around SWR=1.9 to 2. Haven't bothered to figure out, since neither my itty bitty AT-Sprint nor my Drake TR-5 minds SWR=2 or even SWR=3. The Drake seems to cut back on power if SWR>3, but I've run it when something's wrong with the feeders, and SWR can only be tuned to <5 or so, and made contacts.

Folks are hyper these daze if SWR >1.001 or so. Back in the early daze, we'd just "tune out" the reactance the final tank circuit of the rig - and pray that we didn't generate harmonics enough to get a pink ticket if we wuz heard outside the band on a harmonic level.

72/73 de n8xx Hg
QRP >99.44% of the time

On 4/14/2015 1:32 PM, Jim Allen Jim.Allen@...
[LDG-auto-tuners] wrote:
>
>
> Do you mean 1:1 and "1:3" or "1.3:1:?" 1:3 is getting up there. I
> read it as 1.3:1 on your first inquiry.
>
> 73 de W6OGC Jim Allen
>
> On Tue, Apr 14, 2015 at 10:24 AM, ge6146@...
> <mailto:ge6146@...> [LDG-auto-tuners]
> <LDG-auto-tuners@yahoogroups.com
> <mailto:LDG-auto-tuners@yahoogroups.com>> wrote:
>
> Hi Jim:
>
> Yes I realize the difference between 1:1 and 1:3 is not a problem
> to the transmitter and certainly does not change what the
> receiving station is hearing, it was only a question to LDG about
> the ability to change the tuning SWR range.
>
> Thank you for your input.
>
> Bernie
> W4EDX

>

7282. Re: [LDG-auto-tuners] Anyone using a LDG RT-600

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-04-14 19:25:40 UTC
From: Alex, W5ALX
Topic: 7267 Message: 7282

No, the font is actually quite tiny!

73 de W5ALX
Alex Netherton
http://blueridgediscovery.org

Sent from Type Mail

On Apr 14, 2015, 11:08 AM, at 11:08 AM, "'John' v321uk@... [LDG-auto-tuners]"
<LDG-auto-tuners@yahoogroups.com> wrote:
>
>
>Is it just my pc or is the font below really small?
>
>
>
>
>From: mailto:LDG-auto-tuners@yahoogroups.com
>Sent: Tuesday, April 14, 2015 2:52 PM
>To: LDG-auto-tuners@yahoogroups.com
>Subject: Re: [LDG-auto-tuners] Anyone using a LDG RT-600
>
>
>
>
>
>
>
>
>Ken,
>I understand and still remember the cold as I spent 4 years in Montreal
>in the sixties. Graduated
>High School there and a few years of college before joining the USAF.
>Great time and people were
>great made several long lasting friendships that exist today there.
>This of course was before the
>separatists got hold of things.
>
>
>Anyway with all the losses I had running the previous configuration it
>did make a difference both
>with the new coax and the Remote Tuner.
>
>
>ORIGINAL:
>IC-756ProIII -> ALS-600 -> LDG AT1000Pro -> AWM-30 SWR/Wattmeter -> 50

>ft RG-8X coax -> Ameritron
>RCS-4 remote antenna switch -> 25 feet RG-8X coax -> 4:1 balun from
>Balun Designs at Loop feed
>point. --- Don't get me wrong this one did work but not exceptionally
>well. Although the 4:1 balun
>did make a good improvement when I swapped out he 1:1 current balun for
>the 4:1 balun.
>
>
>NEW:
>IC-756ProIII -> ALS-600 -> AWM-30 SWR/Wattmeter -> RC-600 controller ->
>85 ft LMR240-UF coax ->
>RT-600 -> 25 feet coax -> 4:1 balun from Balun Designs at Loop feed
>point I intended to shorten
>the last bit of coax but was too hot in the attic so I left it. I'm
>sure that would have another
>significant improvement to performance.
>
>
>
>
>Before using the ORIGINAL configuration i could not tune 160m now with
>the NEW I can easily. The
>performance on the other bands has been surprising. I have talked to
>many DX station over 6,000
>miles away using the loop!!!
>
>
>
>
>Anyway the plastic case maybe an issue with the cold outside in those
>cold Canadian winter so I
>would put the tuner in some sort of waterproof insulated container,
>maybe with a small light bulb in
>it to stay warm during the fridge temperatures. Since I was worried
>about the HIGH temperatures I
>wrote LDG and got the response that the RT-600 is rated at 140 degrees
>F so temps here in Florida
>attic should be ok. Did not however ask about low temp - LDG folks are
>quite accommodating you
>might want to email and task a few questions about cold.
>
>
>
>
>Bon Chance Mon Ami! Well I had to learn a little French being in
>Quebec for four years.
>73
>
>

>Bruce/NN4BJ

7283. Re: [LDG-auto-tuners] Anyone using a LDG RT-600

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-04-14 21:15:33 UTC
From: ge6146@...
Topic: 7267 Message: 7283

Jim:

Yes that was an error on my part, I said 1.3 but what I meant was 1.3:1, sorry about that,

Bernie
w4edx

7284. Re: Anyone using a LDG RT-600

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-04-14 22:39:16 UTC
From: cbjesseeNH@...
Topic: 7267 Message: 7284

Dunno about the RT-600, but I have the RT-100. I find it odd that on a manual tune, it sometimes rattles through matches with "1.x" in the process, but settles on something higher. Multiple manual tunes, showing lower SWRs encountered, but always lands higher with "2.x" or above.

That doesn't sound right...

7285. Re: [LDG-auto-tuners] Re: Anyone using a LDG RT-600

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-04-15 13:26:40 UTC
From: Jim Allen
Topic: 7267 Message: 7285

Mine does too. It sequences through a bunch rapidly, often including a 1:1, or 1.2:1 then settles on a higher one, 1.7:1. I doubt it makes much difference in signal, but is disquieting to observe.

73 de W6OGC Jim Allen

Sent from my iPad

> On Apr 14, 2015, at 5:39 PM, cbjesseeNH@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:
>
> Dunno about the RT-600, but I have the RT-100. I find it odd that on a manual tune, it sometimes rattles through matches with "1.x" in the process, but settles on something higher. Multiple manual tunes, showing lower SWRs encountered, but always lands higher with "2.x" or above.
>
> That doesn't sound right...
>
>

7286. Re: [LDG-auto-tuners] Re: Anyone using a LDG RT-600

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-04-15 16:40:25 UTC
From: ge6146@...
Topic: 7267 Message: 7286

Yes I have the same operation here. It shows a better match as it is looking for one, than what it finally settles on. That was kind of the basis of my question to LDG, is it adjustable ? And they responded that it was not adjustable. I would hope they address this in software revisions,
Bernie
W4EDX

7287. LDG AT-1000Pro Autotuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-04-17 04:27:25 UTC
From: Tom Horton
Topic: 7287 Message: 7287

I have acquired an AT-1000Pro and I have a question. When I first got it the Auto tune led would come on. But for some reason it doesn't now. The tuner works fine when I press tune but it just doesn't seem to want to go into auto tune mode.What am I missing?Thanks, Tom K5IID Finally there is a bit of joy in Mudville!http://www.dfwcontest.com K5IID Tom Horton Hillsboro, TXE sorter for ARRL W5 bureauSame call since 1956

7288. Re: [LDG-auto-tuners] LDG AT-1000Pro Autotuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-04-17 12:40:13 UTC
From: Leonard K. Pennock
Topic: 7287 Message: 7288

Most likely you switched it to Semi mode. Not sure what the sequence is
on the 1000 but on my 200 it is Func and C Dn/auto to switch it between
semi and auto modes.

Leonard K. Pennock
AD7AS

Those who walk bravely through life, unafraid of loss or failure,
find that they very rarely lose or fail.

On 04/16/2015 09:27 PM, Tom Horton k5iid@... [LDG-auto-tuners]
wrote:
>
>
> I have acquired an AT-1000Pro and I have a question.
> When I first got it the Auto tune led would come on. But for some
> reason it doesn't now.
> The tuner works fine when I press tune but it just doesn't seem to want
> to go into auto tune mode.
> What am I missing?
> Thanks, Tom K5IID
> Finally there is a bit of joy in Mudville!
> http://www.dfwcontest.com <http://www.dfwcontest.com/>
> K5IID Tom Horton Hillsboro, TX
> E sorter for ARRL W5 bureau
> Same call since 1956
>
>
>

7289. Re: [LDG-auto-tuners] LDG AT-1000Pro Autotuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-04-17 19:18:07 UTC
From: Alex Netherton
Topic: 7287 Message: 7289

I have an AT-600PROIII, and it may be the same. You will have to read the manual, but, on mine, when a certain key sequence is pushed (quickly, I think), it will toggle the auto tune on or off. On mine, it is the "Func" and "C Dn".
The tuner cannot handle more than a hundred or so watts when tuning, so they suggest hitting Func C Dn after tuning and before applying full power.

You may have hit the sequence by mistake, or the tuner may have done it itself. Check your manual for the sequence, and see if that makes a difference.

73

Alex Netherton, W5ALX
Asheville NC EM85ro, Buncombe County

On 4/17/2015 12:27, Tom Horton k5iid@... [LDG-auto-tuners] wrote:
> I have acquired an AT-1000Pro and I have a question.
> When I first got it the Auto tune led would come on. But for some
> reason it doesn't now.
> The tuner works fine when I press tune but it just doesn't seem to
> want to go into auto tune mode.
> What am I missing?
> Thanks, Tom K5IID
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> http://www.dfwcontest.com <http://www.dfwcontest.com/>
> K5IID Tom Horton Hillsboro, TX
> E sorter for ARRL W5 bureau
> Same call since 1956
>

7290. Re: Z100 Autotuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-04-20 05:47:30 UTC
From: g4vdx@...
Topic: 7265 Message: 7290

It seems to be T80_2 and the wire is 0.80 mm
I will give it a go and see.

7291. LDG answers to RT-600 questions

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-04-23 03:51:02 UTC
From: ge6146@...
Topic: 7291 Message: 7291

I recently send the following RT-600 operational questions to LDG, here are my questions and their responses.

Question 1
The manual page 5 states: "The RT-600's latching relays hold the tuned configuration indefinitely, even when DC power is removed".

The manual page 14 states under Bypass: "When the RT-600 is turned off (Power button in the off position, Status LED off), the tuner is bypassed: RF from the amplifier is passed directly to the antenna with no matching."

I asked; "Which way is the RT-600 designed to operate?"

LDG answered:
"When the DC power is removed, the tuner goes to bypass. It does not have latching relays."

Question 2
The lack of numerical SWR values for the following manual statements. "Final SWR match higher than usual", "acceptable SWR match", "if the SWR is too high". What are the actual SWR readings or SWR ranges associated with these statements which are scattered in the manual?

LDG answered:
"The system that we have does not have a way to provide SWR readings to the user, they would need to look at the radio".

Question 3
As an example, on 7.055 Mhz one of my dipoles tunes with an final SWR of 1.3:1. When I switch antennas and transmit on the same frequency, the SWR is over 3:1, the RT-600 does not retune. When I conduct a manual tune, it also tunes to 1.3:1. At what SWR does the tuner say, the SWR is too high and begin an automatic tuning as stated on page 13?".

LDG answered:
"For your issue, the tuner never retunes on the same frequency. That keeps it from going into a perpetual tuning cycle every time you key the radio."

I still have some issues with the answers to 2 and 3 but I will not go into them in this posting, I just wanted to pass along LDG's responses to my questions.

Bernie
W4EDX

7292. Re: LDG answers to RT-600 questions

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-05-02 19:23:42 UTC
From: cbjesseeNH@...
Topic: 7291 Message: 7292

Interesting!

I have the RT/RC-100 remote atu, and it does indeed latch when power if off.

On a G5RV 102ft dipole, the SWR profile across 80m-10m varies markedly depending on which band I tune to before powering off the RC-100.

7293. YT-450 TUNER

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-05-02 20:47:17 UTC
From: ray469@...
Topic: 7293 Message: 7293

i have a yt 450 tuner and a ft 920 radio can i hook the tuner up to the radio will it work..
ray n5iz

7294. Re: [LDG-auto-tuners] YT-450 TUNER

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-05-03 04:19:36 UTC
From: Alex, W5ALX
Topic: 7293 Message: 7294

It should. The cord for the radio should be included. Read the manual!!!

73 de W5ALX
Alex Netherton
http://blueridgediscovery.org

Sent from Type Mail

On May 2, 2015, 4:59 PM, at 4:59 PM, "ray469@... [LDG-auto-tuners]"
<LDG-auto-tuners@yahoogroups.com> wrote:
>i have a yt 450 tuner and a ft 920 radio can i hook the tuner up to the
>radio will it work..
>ray n5iz
>

7295. Re: [LDG-auto-tuners] YT-450 TUNER

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-05-03 20:26:59 UTC
From: G8UVE
Topic: 7293 Message: 7295

Not always

My mate on my recommendation bought the same AATU that I bought , the Z100 , Plus mine came with leads for the Icom 706 and Yaesu FT 857 his came without

He rang up the suppliers who said they no longer came with leads they had to be ordered and paid for separately

He returned the unit and asked for a FULL refund he got a refund less carriage , he got his full refund EVENTUALY but it cost the supplier dearly

Same supplier puts guarantee tags on equipment saying if tag is broken the guarantee is void

I can install batteries with out breaking a guarantee tag , but then I'm a magician (not)

Regards

David (G8UVE)
----- Original Message -----
From: 'Alex, W5ALX' w5alx-groups@... [LDG-auto-tuners]
To: LDG-auto-tuners@yahoogroups.com
Sent: Sunday, May 03, 2015 5:19 AM
Subject: Re: [LDG-auto-tuners] YT-450 TUNER

It should. The cord for the radio should be included. Read the manual!!!

73 de W5ALX
Alex Netherton
http://blueridgediscovery.org

Sent from Type Mail

On May 2, 2015, at 4:59 PM, "ray469@... [LDG-auto-tuners]"
<LDG-auto-tuners@yahoogroups.com> wrote:

i have a yt 450 tuner and a ft 920 radio can i hook the tuner up to the radio will it work..
ray n5iz

This email has been checked for viruses by Avast antivirus software.
www.avast.com

This email has been checked for viruses by Avast antivirus software.
http://www.avast.com

7296. Re: YT-450 TUNER

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-05-03 22:08:21 UTC
From: michael@...
Topic: 7293 Message: 7296

The manual mentions nothing of the FT-920, so I would say "no". You will probably need to go for a general LDG ATU like the AT-100Pro II or suchlike. The YT-450 works with the FT-450, FT-950 (and if the case with the newer YT-1200), should work with the FTDX-1200 & FTDX-3000. Even though the CAT port is 9 pin serial, you will probably find the CAT commands are different.

Cheers,

Mike
M0SAZ

7297. Re: [LDG-auto-tuners] YT-450 TUNER

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-05-04 02:56:30 UTC
From: Brian Denley
Topic: 7293 Message: 7297

Isn't the YT-450 specifically designed to work with the FT-450 and FT-950? Why would it work with the FT-920?

Brian
KB1VBF
Sent from my iPad

> On May 3, 2015, at 12:19 AM, 'Alex, W5ALX' w5alx-groups@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:
>
> It should. The cord for the radio should be included. Read the manual!!!
>
> 73 de W5ALX
> Alex Netherton
> http://blueridgediscovery.org
>
> Sent from Type Mail
>
>> On May 2, 2015, at 4:59 PM, "ray469@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:
>>
>> i have a yt 450 tuner and a ft 920 radio can i hook the tuner up to the radio will it work..
>> ray n5iz
>
>

7298. Re: [LDG-auto-tuners] YT-450 TUNER

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-05-03 23:58:59 UTC
From: Alex, W5ALX
Topic: 7293 Message: 7298

Many of the autotuners are made for one radio, but others of the same brand will work. Call customer service.

73 de W5ALX
Alex Netherton
http://blueridgediscovery.org

Sent from Type Mail

On May 3, 2015, 12:19 AM, at 12:19 AM, "Alex, W5ALX" <w5alx-groups@...> wrote:
>It should. The cord for the radio should be included. Read the
>manual!!!
>
>73 de W5ALX
>Alex Netherton
>http://blueridgediscovery.org
>
>Sent from Type Mail
>
>
>
>On May 2, 2015, 4:59 PM, at 4:59 PM, "ray469@...
>[LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:
>>i have a yt 450 tuner and a ft 920 radio can i hook the tuner up to
>the
>>radio will it work..
>>ray n5iz
>>

7299. Re: [LDG-auto-tuners] YT-450 TUNER

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-05-04 03:46:23 UTC
From: Alex, W5ALX
Topic: 7293 Message: 7299

The 920 is pretty much an updated 450, or looks like.

73 de W5ALX
Alex Netherton
http://blueridgediscovery.org

Sent from Type Mail

On May 3, 2015, 10:56 PM, at 10:56 PM, "Brian Denley b.denley@... [LDG-auto-tuners]"
<LDG-auto-tuners@yahoogroups.com> wrote:
>Isn't the YT-450 specifically designed to work with the FT-450 and
>FT-950? Why would it work with the FT-920?
>
>Brian
>KB1VBF
>Sent from my iPad
>
>> On May 3, 2015, at 12:19 AM, 'Alex, W5ALX' w5alx-groups@...
>[LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:
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>> It should. The cord for the radio should be included. Read the
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>> Alex Netherton
>> http://blueridgediscovery.org
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>> Sent from Type Mail
>>
>>> On May 2, 2015, at 4:59 PM, "ray469@... [LDG-auto-tuners]"
><LDG-auto-tuners@yahoogroups.com> wrote:
>>>
>>> i have a yt 450 tuner and a ft 920 radio can i hook the tuner up to
>the radio will it work..
>>> ray n5iz
>>
>>

7300. Re: [LDG-auto-tuners] YT-450 TUNER

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-05-04 03:48:51 UTC
From: Alex, W5ALX
Topic: 7293 Message: 7300

Oh, and I forgot to say that the tuner will work fine with no control cable, just go to 10 watts AM and it will tune. Then go to 100 watts SSB. No prob.

73 de W5ALX
Alex Netherton
http://blueridgediscovery.org

Sent from Type Mail

On May 3, 2015, 10:56 PM, at 10:56 PM, "Brian Denley b.denley@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:
>Isn't the YT-450 specifically designed to work with the FT-450 and
>FT-950? Why would it work with the FT-920?
>
>Brian
>KB1VBF
>Sent from my iPad
>
>> On May 3, 2015, at 12:19 AM, 'Alex, W5ALX' w5alx-groups@...
>[LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:
>>
>> It should. The cord for the radio should be included. Read the
>manual!!!
>>
>> 73 de W5ALX
>> Alex Netherton
>> http://blueridgediscovery.org
>>
>> Sent from Type Mail
>>
>>> On May 2, 2015, at 4:59 PM, "ray469@... [LDG-auto-tuners]"
><LDG-auto-tuners@yahoogroups.com> wrote:
>>>
>>> i have a yt 450 tuner and a ft 920 radio can i hook the tuner up to
>the radio will it work..
>>> ray n5iz
>>
>>

7301. Re: [LDG-auto-tuners] YT-450 TUNER

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-05-04 16:04:05 UTC
From: Bill Aycock
Topic: 7293 Message: 7301

Alex--
?? The 920 preceded the 450 by years. How could it be an update?
Bill—W4BSG

From: mailto:LDG-auto-tuners@yahoogroups.com
Sent: Sunday, May 03, 2015 10:46 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] YT-450 TUNER

The 920 is pretty much an updated 450, or looks like.

73 de W5ALX
Alex Netherton
http://blueridgediscovery.org

Sent from Type Mail

On May 3, 2015, at 10:56 PM, "Brian Denley b.denley@comcast.net [LDG-auto-tuners]"
<LDG-auto-tuners@yahoogroups.com> wrote:

Isn't the YT-450 specifically designed to work with the FT-450 and FT-950? Why would it work with the FT-920?

Brian
KB1VBF
Sent from my iPad

On May 3, 2015, at 12:19 AM, 'Alex, W5ALX' w5alx-groups@... [LDG-auto-tuners]
<LDG-auto-tuners@yahoogroups.com> wrote:

It should. The cord for the radio should be included. Read the manual!!!

73 de W5ALX
Alex Netherton
http://blueridgediscovery.org

Sent from Type Mail

On May 2, 2015, at 4:59 PM, "ray469@... [LDG-auto-tuners]"
<LDG-auto-tuners@yahoogroups.com> wrote:

i have a yt 450 tuner and a ft 920 radio can i hook the tuner up to the radio will it work..
ray n5iz

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http://www.avast.com

7302. Re: [LDG-auto-tuners] YT-450 TUNER-- My error!

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-05-04 16:13:03 UTC
From: Bill Aycock
Topic: 7293 Message: 7302

Alex--
Sorry, I was reading the post body, not the subject line. When I saw “450” and “920”, my thought was about the rigs, not the tuners.
Bill—W4BSG

From: mailto:LDG-auto-tuners@yahoogroups.com
Sent: Sunday, May 03, 2015 10:46 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] YT-450 TUNER

The 920 is pretty much an updated 450, or looks like.

73 de W5ALX
Alex Netherton
http://blueridgediscovery.org

Sent from Type Mail

On May 3, 2015, at 10:56 PM, "Brian Denley b.denley@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:

Isn't the YT-450 specifically designed to work with the FT-450 and FT-950? Why would it work with the FT-920?

Brian
KB1VBF
Sent from my iPad

On May 3, 2015, at 12:19 AM, 'Alex, W5ALX' w5alx-groups@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:

It should. The cord for the radio should be included. Read the manual!!!

73 de W5ALX
Alex Netherton
http://blueridgediscovery.org

Sent from Type Mail

On May 2, 2015, at 4:59 PM, "ray469@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:

i have a yt 450 tuner and a ft 920 radio can i hook the tuner up to the radio will it work..
ray n5iz

This email has been checked for viruses by Avast antivirus software.

http://www.avast.com

7303. Re: YT-450 TUNER

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-05-04 19:14:24 UTC
From: michael@...
Topic: 7293 Message: 7303

Alex, I am not sure what you are talking about. The FT-920 and FT-450 couldn't be any more different if they tried. The LDG YT-450 ATU is a control cable tuner only, there's no RF sense function to be fully automatic. You have to press the button on the ATU and it sends CAT control signals to the rig to adjust power and mode, do its match and return the radio to the previous power and mode.

73

Mike
M0SAZ

7304. Re: [LDG-auto-tuners] YT-450 TUNER

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-05-05 02:57:30 UTC
From: Brian Denley
Topic: 7293 Message: 7304

No it's not. The YT-450 is not a good tuner choice for the 920. It's designed to talk to the 450 and 950 (which have common firmware).

Brian
KB1VBF
Sent from my iPad

> On May 3, 2015, at 11:46 PM, 'Alex, W5ALX' w5alx-groups@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:
>
> The 920 is pretty much an updated 450, or looks like.
>
> 73 de W5ALX
> Alex Netherton
> http://blueridgediscovery.org
>
> Sent from Type Mail
>
>> On May 3, 2015, at 10:56 PM, "Brian Denley b.denley@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:
>>
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>>
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>>> On May 3, 2015, at 12:19 AM, 'Alex, W5ALX' w5alx-groups@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:
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>>>> On May 2, 2015, at 4:59 PM, "ray469@ymail.com [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:
>>>>
>>>> i have a yt 450 tuner and a ft 920 radio can i hook the tuner up to the radio will it work..

```
>>>> ray n5iz
>
>
```

7305. Re: [LDG-auto-tuners] YT-450 TUNER

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-05-05 01:36:55 UTC
From: Alex, W5ALX
Topic: 7293 Message: 7305

Oops, thinking abt something else. Numbers get jumbled in brain.

73 de W5ALX
Alex Netherton
http://blueridgediscovery.org

Sent from Type Mail

On May 4, 2015, 12:04 PM, at 12:04 PM, "'Bill Aycock' billaycock@... [LDG-auto-tuners]"
<LDG-auto-tuners@yahoogroups.com> wrote:
>Alex--
>?? The 920 preceded the 450 by years. How could it be an update?
>Bill—W4BSG
>
>From: mailto:LDG-auto-tuners@yahoogroups.com
>Sent: Sunday, May 03, 2015 10:46 PM
>To: LDG-auto-tuners@yahoogroups.com
>Subject: Re: [LDG-auto-tuners] YT-450 TUNER
>
>
>
>
>The 920 is pretty much an updated 450, or looks like.
>
>73 de W5ALX
>Alex Netherton
>http://blueridgediscovery.org
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>On May 3, 2015, at 10:56 PM, "Brian Denley b.denley@...
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>FT-950? Why would it work with the FT-920?
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>This email has been checked for viruses by Avast antivirus software.
>http://www.avast.com

7306. Z100 Rev 2. 0 pic not triggering tune up

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-05-05 11:12:27 UTC
From: Chris Reed
Topic: 7306 Message: 7306

Hi Group,
I recently picked up the above at a rally. It was understood to be non functioning so it's fare to say it does what I was told it would. That said, I'm always up for learning something new, so I figured if It can be made to work, it'll come in handy when portable on holiday or for use in the van.
On power up I can get a green led to flash on once and I can get the red led on briefly with a extended push. After which I get nowt while keying 10w. Antenna is a hf trap dipole cut for cw. There is no attempt to tune what so ever. And repeated presses do nothing.
Power cycle gets the lights doing the same.
I've yet to put a meter anywhere near but assume I've probably got a processor fault as there's not much more in the box.
Ideas on a post if poss.
Thanks for the use of the group.
Chris

7307. Re: [LDG-auto-tuners] Z100 Rev 2. 0 pic not triggering tune up

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-05-05 13:48:48 UTC
From: Hank Greeb
Topic: 7306 Message: 7307

Chris:

I suggest you look at the SWR the transmitter is seeing. The unit will go into bypass mode if it sees a satisfactory SWR upon power up or first tune.

My Z-100 works as follows:

I power it with 9 to 12 volts from a pack of AA cells. If the cells are weak, it will not perform. So, when I run into a situation where the unit is not running, I check the cell pack and recharge (if I'm using my 9.6 volt NiMH pack) or replace the cells (if I'm using a pack of alkaline cells)

I then connect transceiver, SWR/Wattmeter, LDG Z100 all in series, then to the antenna. I key up the rig, and run 3 to 5 watts into it (I think one can use more, but it works fine with 3 to 5 watts) I always have a SWR meter in line.

While transmitting, I press and hold the tune button, it runs through a series of clicks to find the optimum SWR, typically less than 2.0, often much lower. The green light comes on, and usually stays on for a few seconds, sometimes longer.

If I just click the tune button, it searches only the values stored in memory.

Since you say that your unit does not search for a low SWR there probably is something wrong internally.

But, before you dig into the internals, perhaps you have RF Feedback into the unit from antenna currents on the outside of the coax feed to the antenna? That's one very common problem with the computer controlled tuners. RF chokes (UNUNs they are commonly called, can cure this problemme. I'm no expert in this matter. You might try your unit at a friend's place where a similar tuner works satisfactorily to be sure it's not something external to the tuner at your place.

As you say, it could be the control unit (CPU) or it could be one or more of the inductors? There's a sensing unit for detecting SWR. There's considerably more that "just the control unit."

You might ask LDG to price a "look-see" diagnosis of the situation.

Good luck with your "pig in a poke" I got mine for $40 USD, because the case was warped from heat! It looks terrible but the innards work fine!

72/73 de n8xx Hg
QRP >99.44% of the time

On 5/5/2015 7:12 AM, Chris Reed c.reed662@...
[LDG-auto-tuners] wrote:
> Hi Group,
> I recently picked up the above at a rally. It was understood to be non functioning so it's fare to say it does what I was told it would. That said, I'm always up for learning something new, so I figured if It can be made to work, it'll come in handy when portable on holiday or for use in the van.
>
> On power up I can get a green led to flash on once and I can get the red led on briefly with a extended push. After which I get nowt while keying 10w. Antenna is a hf trap dipole cut for cw. There is no attempt to tune what so ever. And repeated presses do nothing. Power cycle gets the lights doing the same.
>
> I've yet to put a meter anywhere near but assume I've probably got a processor fault as there's not much more in the box.
>
> Ideas on a post if poss.
>
> Thanks for the use of the group.
> Chris

7308. AT-100Pro issue

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-05-05 16:36:37 UTC
From: w4grj@...
Topic: 7308 Message: 7308

I have the AT-100Pro feeding 100’ coax to G5RV. Using the TS-440sat, the 440 built in antenna tuner works fine on 14.300
However, the AT-100 cannot get a match…yes, I have the 440 in bypass mode.

The AT-100 seems to work fine on all the ham bands except 20 meters.

We have this setup as remote rig at our club so we are trying to get the AT-100 in so we can use on all the ham bands.
Any Ideas or suggestions appreciated.
Jack
W4GRJ

7309. Re: [LDG-auto-tuners] Z100 Rev 2. 0 pic not triggering tune up

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-05-06 06:41:44 UTC
From: c.reed662@...
Topic: 7306 Message: 7309

Thank you Hank.
I'll clear some space on the bench and set it up with a meter either side and be a bit more methodical.
The rig I'm using is a k2 and when I did another short test it looked like the k2 shut down. I'll give it another govat the weekend when I get back from work.
I'll update when I have a bit more to go on.
Vy 73 chris de g1rpo

7310. AT-897 (nog plus) defect!!??

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-05-08 21:53:12 UTC
From: pd3oes@...
Topic: 7310 Message: 7310

Hello,

A half year ago (I used it for 2 years and both it second hands) mine AT-897,witch I only used with min FT-897, did not tune anymore.

Yesterday it looked in to the problem. Seems that the tuner tunes and can not find a low SWR. But when he finds a workable SWR and I give a carrier in CW it looks that the SWR stays low for a fraction of a second and than moves up to HSWR. Even on a dummy load. And on all the bands.

I read it could be a reflected power issue. But with a dummy load or a FB23 ant. on 10, 20 mtr. Witch I now work without a tuner, I don't think this is the problem.

I measured that relaid K8 not change in set or reset. Is this a relay problem?

Please some help?

73's PD3OES can read in German and English but prefer Dutch ;-)

Andre

7311. RT-11 Dead

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-05-09 01:00:42 UTC
From: jilly@...
Topic: 7311 Message: 7311

Hi
I've been away from the hobby since I became disabled but I've decided to put my shack back together again & I've found my RT-11 doesn't do anything when I press tune on the control head. No sound at all comes from the tuner. (I think I recall it making relay noise as it worked before.... that was almost 10 years ago. It's just been sitting inside since then.)
I have the tuner attached to the control head via a DB-9 cable to the control head, & I didn't do any sort of radio control. (The remote uses a wall wart.)
The green light comes on the remote saying the SWR is OK but the radio's SWR said 3:1 (which is correct for that band on that antenna).
I'm going to replace the DB-9 cable but other than that I'm not sure if it is worth it to proceed further? It has the original chips/firmware. If the cable is OK then I guess I can open it up but my soldering days are past. Any other ideas?
Thanks
Jilly

7312. Weatherproofing

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-05-09 13:34:37 UTC
From: Jim Allen
Topic: 7312 Message: 7312

I have an RT100 bolted near the bottom of my homebrew S9v31 clone. It has done a decent job so far but I worry that it is not weatherproof.

Since it seems to have been designed to spend its life on a tower leg exposed to the elements, so why it isn't weatherproof end is a puzzle.

What are some clever ideas for shielding it from the wet and heat etc?

73 de W6OGC Jim Allen

Sent from my iPad

7313. Re: Weatherproofing

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-05-10 23:34:04 UTC
From: cbjesseeNH@...
Topic: 7312 Message: 7313

Well, not so clever, but:

1. Silicone grease on bottom panel gasket
2. Gallon ziplock bag over the top, stapled and taped at bottom
3. Small plastic trash can inverted over the whole unit, with gaps/holes cut for input/output

Keeps critters/rain/snow out so far!

7314. Re: [LDG-auto-tuners] Re: Weatherproofing

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-05-11 02:33:09 UTC
From: Craig
Topic: 7312 Message: 7314

I'd add that some periodic rechargeable (by low temperature home oven bake) silica gel in the bag or enclosure might also help.

73, Craig

> On May 10, 2015, at 7:34 PM, "cbjesseeNH@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:
>
>
>
> Well, not so clever, but:
>
> 1. Silicone grease on bottom panel gasket
> 2. Gallon ziplock bag over the top, stapled and taped at bottom
> 3. Small plastic trash can inverted over the whole unit, with gaps/holes cut for input/output
>
> Keeps critters/rain/snow out so far!
>
>

7315. Re: [LDG-auto-tuners] FT450D & LDG YT1200

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-05-14 00:11:39 UTC
From: tombutas@...
Topic: 7239 Message: 7315

Got it back last week. Replaced K5 & K6 relays.

Tom KM4AEM

7316. Re: FT450D & LDG YT1200

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-05-15 10:57:54 UTC
From: michael@...
Topic: 7239 Message: 7316

I have the YT-1200 ATU for my FT-950. It is awesome and doesn't suffer from the issue of returning the radio to the wrong frequency as the YT-540 did.

LDG ATU's are excellent. I have owned tons of models. Always been great.

Mike
M0SAZ

7317. Return from Dayton

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-05-18 13:16:13 UTC
From: Marty
Topic: 7317 Message: 7317

What a pleasant surprise, to return from Dayton and find my tuner returned from repair.
Thank you for the prompt turnaround!
73
Marty
W8AKS

Oh yes, I have replaced the coax between the radio and tuner as suggested by the tech.

Sent from my iPad

7318. Re: FT450D & LDG YT1200

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-05-19 02:44:13 UTC
From: tombutas@...
Topic: 7239 Message: 7318

Got the YT1200 reinstalled. Much different than before. My origional post just after I got it about it being noisy, the relays. The repair fixed that and tunes much faster. Thanks LDG, must have been bad from the beginning. I am newly, licensed less than, did not know it not working correctly.

Tom KM4AEM

7319. Re: Z11 Pro Radio Socket required

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-05-19 03:46:45 UTC
From: hamintulsa@...
Topic: 7120 Message: 7319

LDG usually has good customer support. Email them and the may be able to provide the information you need.

7320. IC-706 and Z-11 pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-05-19 04:10:06 UTC
From: hamintulsa@...
Topic: 7320 Message: 7320

I am using an IC-706 radio with an LDG Z-11pro tuner. My antenna is a 102 inch whip. I can tune 10-40 meters with this set up with no issue. The trouble is 6 meters. When i go to this band and press the tune button, noting happens. The tuner will not attempt to tune at all. Any ideas on this.

Kelly
NA5XX

7321. AT-600ProII & GR5V

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-05-19 23:24:02 UTC
From: jlb3nn@...
Topic: 7321 Message: 7321

Has anyone been able to turn a GR5V with a LDG AT-600ProII?

7322. Re: [LDG-auto-tuners] IC-706 and Z-11 pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-05-20 01:19:47 UTC
From: Alex Netherton
Topic: 7320 Message: 7322

If the tuner makes a "blip" sound, and flashes lights, then it does not
like the antenna. Watch the tuner when you try it again.
73

Alex Netherton, W5ALX
Asheville NC EM85ro, Buncombe County

On 5/19/2015 12:10, hamintulsa@... [LDG-auto-tuners] wrote:
>
> I am using an IC-706 radio with an LDG Z-11pro tuner. My antenna is a
> 102 inch whip. I can tune 10-40 meters with this set up with no
> issue. The trouble is 6 meters. When i go to this band and press the
> tune button, noting happens. The tuner will not attempt to tune at
> all. Any ideas on this.
>
> Kelly
> NA5XX
>
>
>

7323. Re: [LDG-auto-tuners] AT-600ProII & GR5V

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-05-20 01:23:12 UTC
From: Alex Netherton
Topic: 7321 Message: 7323

I tune something like it, a MFJ-1777, just a G5RV with ladder line to the shack, and going through a balun. Works 80 thru 10. I think I have even done 6 on it.
73

Alex Netherton, W5ALX
Asheville NC EM85ro, Buncombe County

On 5/19/2015 7:24, jlb3nn@... [LDG-auto-tuners] wrote:
>
> Has anyone been able to turn a GR5V with a LDG AT-600ProII?
>
>
>

7324. Re: [LDG-auto-tuners] AT-600ProII & GR5V

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-05-20 02:32:15 UTC
From: Brian Denley
Topic: 7321 Message: 7324

Yes although mine is a G5RV junior - no problem.

Brian KB1VBF

> On May 19, 2015, at 9:23 PM, Alex Netherton w5alx-groups@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:
>
> I tune something like it, a MFJ-1777, just a G5RV with ladder line to
> the shack, and going through a balun. Works 80 thru 10. I think I have
> even done 6 on it.
> 73
>
> Alex Netherton, W5ALX
> Asheville NC EM85ro, Buncombe County
>
> On 5/19/2015 7:24, jlb3nn@... <mailto:jlb3nn@...> [LDG-auto-tuners] wrote:
> >
> > Has anyone been able to turn a GR5V with a LDG AT-600ProII?
> >
> >
> >
> >
>
>
>

7325. Re: [LDG-auto-tuners] AT-600ProII & GR5V

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-05-20 02:56:45 UTC
From: Hank Greeb
Topic: 7321 Message: 7325

The G5RV on the lowest frequency band it is "supposed" to be used, has a SWR=>9, highly reactive, so it's hard to tune out the reactance. Folks say it can be tamed with 70' or more of RG8, but that means that lots of power is consumed in the coax. Many tuners won't handle the reactive load seen at the end of the ladder line. Typically, it works better to run the ladder line into the shack and either use a balun prior to the ATU, or, better yet, an inherently balanced, wide range tuner.

Actually, if one looks at the original article by G5RV, he describes a 20 meter antenna, 102' long, center fed with parallel feeders and to convert the impedance to near 50 ohms resistive. He doesn't claim that it's a multi-band antenna.

Others noted that resonance is near on other bands, but usually forget to note the SWR=>9 on 80 meters.

72/73 de n8xx Hg
QRP >99.44% of the time

On 5/19/2015 7:24 PM, jlb3nn@... [LDG-auto-tuners] wrote:
> Has anyone been able to turn a GR5V with a LDG AT-600ProII?

7326. Re: AT-600ProII & GR5V

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-05-20 18:13:07 UTC
From: Walt N7GDP
Topic: 7321 Message: 7326

Yes, I have tune G5RV 10-80 with LDG-200Pro, LDG-600ProII and LDG-1000Pro with out issue, you may have to add coaxial cable to get it to tune across all bands.
If you are planning to use a Amp run in semi-auto or manual mode

Walt N7GDP

7327. LDG Z100 + ATU

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-05-20 20:49:24 UTC
From: G8UVE
Topic: 7327 Message: 7327

Hi All

Does any one know if there's a ready made Radio Interface cable for the Yaesu FT 817ND to the LDG Z100+

Don't fancy making one myself and "frying" either

MTIA

David (G8UVE)

This email has been checked for viruses by Avast antivirus software.
http://www.avast.com

7328. Re: [LDG-auto-tuners] Re: AT-600ProII & GR5V

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-05-20 20:59:14 UTC
From: Hank Greeb
Topic: 7321 Message: 7328

AND, when you add 70' of coax to the connection between the twin lead and the computer, you'll lose more than 50% of the power delivered to the antenna is coax loss, especially on 80 meters where the SWR @ the twin lead is 9/1.

But, you WILL get out, there are many folks who use the G5RV with such a "matching device, power sucker" between the antenna and the tuner. So, as my pappy was wont to say, while we were tending a potato field at my Uncle's Farm, "To each his own, potato row."

72/73 de n8xx Hg
QRP >99.44% of the time

On 5/20/2015 2:13 PM, 'Walt N7GDP' n7gdp@... [LDG-auto-tuners] wrote:
>
>
> Yes, I have tune G5RV 10-80 with LDG-200Pro, LDG-600ProII and
> LDG-1000Pro with out issue, you may have to add coaxial cable to get
> it to tune across all bands.
> If you are planning to use a Amp run in semi-auto or manual mode
> Walt N7GDP

7329. Re: [LDG-auto-tuners] Return from Dayton

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-05-22 11:46:09 UTC
From: Serge
Topic: 7317 Message: 7329

Please, help to buy the new processor with V1.7 to LDG1000pro2.

2015-05-18 16:16 GMT+03:00 Marty w8aks55@... [LDG-auto-tuners] <
LDG-auto-tuners@yahoogroups.com>:

>
>
>
>
> What a pleasant surprise, to return from Dayton and find my tuner returned
> from repair. Thank you for the prompt turnaround!
> 73
> Marty
> W8AKS
>
> Oh yes, I have replaced the coax between the radio and tuner as suggested
> by the tech.
>
> Sent from my iPad
>
>

7330. Re: [LDG-auto-tuners] LDG Z100 + ATU

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-05-24 04:19:49 UTC
From: Alex Netherton
Topic: 7327 Message: 7330

MFJ makes one for their tuners, but it is the same thing, should work.

Alex Netherton, W5ALX
Asheville NC EM85ro, Buncombe County

On 5/20/2015 4:49, 'G8UVE' g8uve@... [LDG-auto-tuners] wrote:
>
> Hi All
>
> Does any one know if there's a ready made Radio Interface cable for the
> Yaesu FT 817ND to the LDG Z100+
>
> Don't fancy making one myself and "frying" either
>
> MTIA
>
> David (G8UVE)
>
> ---
> This email has been checked for viruses by Avast antivirus software.
> http://www.avast.com
>
>

7331. Re: [LDG-auto-tuners] LDG Z100 + ATU

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-05-24 12:22:34 UTC
From: G8UVE
Topic: 7327 Message: 7331

Thanks Alex

I've had a look at MFJ ATU's (MFJ 939)

The actual connection at the back of the ATU is different

I already have the Z100+ using it on a 706MK2G but would like to use it on FT817 ND

The Z100+ has had little use and I don't really want to sell it

I know this group is watched by a LDG staffer and I thought they may have popped up and pointed me in the right direction

Of course Dayton has just finished ;-))

Thanks again

David (G8UVE)

----- Original Message -----
From: "Alex Netherton w5alx-groups@... [LDG-auto-tuners]"
<LDG-auto-tuners@yahoogroups.com>
To: <LDG-auto-tuners@yahoogroups.com>
Sent: Sunday, May 24, 2015 5:19 AM
Subject: Re: [LDG-auto-tuners] LDG Z100 + ATU

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> Posted by: Alex Netherton <w5alx-groups@...>
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7332. Re: LDG answers to RT-600 questions

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-05-24 23:27:25 UTC
From: cbjesseeNH@...
Topic: 7291 Message: 7332

I should add, that the RC/RT-100 is pretty robust. I hooked up the RC-100 backwards and RT-100 backwards as well, and tuned up at 25W CW. Finding something amiss, I fixed the RC-100 hook-up and tuned up again, then finally checked the remote and corrected the hook-ups. All worked fine thereafter. They have engineered some safety into the units!

7333. Re: [LDG-auto-tuners] LDG Z100 + ATU

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-05-25 13:19:21 UTC
From: w0sgm@...
Topic: 7327 Message: 7333

LDG Y-ACC Yaesu Interface Cable

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http://www.cheapham.com

Cheapham.com http://www.cheapham.com Amateur radio, ham radio, cb, marine band and electoinc components

View on www.cheapham.com http://www.cheapham.com
Preview by Yahoo

LDG Y-ACC Yaesu Interface Cable http://www.cheapham.com/ldg-y-acc-yaesu-interface-cable/

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LDG Y-ACC Yaesu Cable

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I got a couple from here before

Scott W0SGM

---In LDG-auto-tuners@yahoogroups.com, <g8uve@...> wrote :

Thanks Alex

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I know this group is watched by a LDG staffer and I thought they may have popped up and pointed me in the right direction

Of course Dayton has just finished ;-))

Thanks again

David (G8UVE)

----- Original Message -----
From: "Alex Netherton w5alx-groups@... mailto:w5alx-groups@... [LDG-auto-tuners]"

<LDG-auto-tuners@yahoogroups.com mailto:LDG-auto-tuners@yahoogroups.com>
To: <LDG-auto-tuners@yahoogroups.com mailto:LDG-auto-tuners@yahoogroups.com>
Sent: Sunday, May 24, 2015 5:19 AM
Subject: Re: [LDG-auto-tuners] LDG Z100 + ATU

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> ------------------------------------
> Posted by: Alex Netherton <w5alx-groups@... mailto:w5alx-groups@...>
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7334. KX3 and Hardrock50 with LDG Z 100

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-05-26 18:32:21 UTC
From: arrillaga@...
Topic: 7334 Message: 7334

Hi All, I am considering getting a Hardrock50 to use with my KX3 and would like to use my existing
LDG Z 100 when needed to make every thing happy. Have any of you tried such a combination? How did it work? Any pitfalls? Thanks for any insight. 73 Gene KF6ZYD

7335. Re: [LDG-auto-tuners] LDG Z100 + ATU

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-05-26 21:43:13 UTC
From: G8UVE
Topic: 7327 Message: 7335

Thanks All

For pointing me to the Cheapham site

Unfortunately that site doesn't resolve my problems

I'm looking for a cable that will interface the LDG Z100+ to a Yaesu FT817 ND

The cable that is shown is for the Z100+ to the Yaesu FT 857

Looks like I'll have to think of another avenue

Thanks for all the help

David (G8UVE)
----- Original Message -----
From: w0sgm@... [LDG-auto-tuners]
To: LDG-auto-tuners@yahoogroups.com
Sent: Monday, May 25, 2015 2:19 PM
Subject: Re: [LDG-auto-tuners] LDG Z100 + ATU

LDG Y-ACC Yaesu Interface Cable

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Thanks again

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Sent: Sunday, May 24, 2015 5:19 AM
Subject: Re: [LDG-auto-tuners] LDG Z100 + ATU

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7336. Re: [LDG-auto-tuners] LDG Z100 + ATU

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-05-27 04:46:10 UTC
From: Alex, W5ALX
Topic: 7327 Message: 7336

The 817nd is the same thing as a 857 without the finals. If it will work on a 857 it will on a 817.

73 de W5ALX
Alex Netherton
http://blueridgediscovery.org

Sent from Type Mail

On May 26, 2015, 5:43 PM, at 5:43 PM, "'G8UVE' g8uve@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:
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>David (G8UVE)
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> From: w0sgm@... [LDG-auto-tuners]
> To: LDG-auto-tuners@yahoogroups.com
> Sent: Monday, May 25, 2015 2:19 PM
> Subject: Re: [LDG-auto-tuners] LDG Z100 + ATU
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> David (G8UVE)
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> From: "Alex Netherton w5alx-groups@... [LDG-auto-tuners]"
> <LDG-auto-tuners@yahoogroups.com>
> To: <LDG-auto-tuners@yahoogroups.com>
> Sent: Sunday, May 24, 2015 5:19 AM

> Subject: Re: [LDG-auto-tuners] LDG Z100 + ATU
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>> MFJ makes one for their tuners, but it is the same thing, should
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7337. Re: [LDG-auto-tuners] LDG Z100 + ATU

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-05-27 09:07:12 UTC
From: G8UVE
Topic: 7327 Message: 7337

The Plugs are different at both ends

That's the problem

Look at the back of each ATU and then look at the back of each rig

regards

David (G8UVE)
----- Original Message -----
From: 'Alex, W5ALX' w5alx-groups@charter.net [LDG-auto-tuners]
To: LDG-auto-tuners@yahoogroups.com
Sent: Wednesday, May 27, 2015 5:46 AM
Subject: Re: [LDG-auto-tuners] LDG Z100 + ATU

The 817nd is the same thing as a 857 without the finals. If it will work on a 857 it will on a 817.

73 de W5ALX
Alex Netherton
http://blueridgediscovery.org

Sent from Type Mail

On May 26, 2015, at 5:43 PM, "'G8UVE' g8uve@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:

☐

Thanks All

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Looks like I'll have to think of another avenue

Thanks for all the help

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Sent: Monday, May 25, 2015 2:19 PM
Subject: Re: [LDG-auto-tuners] LDG Z100 + ATU

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I got a couple from here before

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Thanks again

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7338. Re: [LDG-auto-tuners] LDG Z100 + ATU

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-05-27 11:12:53 UTC
From: Jimmy (WB8NBI)
Topic: 7327 Message: 7338

No the 817 is different.

DE Jimmy (WB8NBI)

From: mailto:LDG-auto-tuners@yahoogroups.com
Sent: Wednesday, May 27, 2015 12:46 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] LDG Z100 + ATU

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7339. Re: [LDG-auto-tuners] KX3 and Hardrock50 with LDG Z 100

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-05-27 04:48:43 UTC
From: Alex, W5ALX
Topic: 7334 Message: 7339

Check ebay. There are a LOT cheaper amps out there.

73 de W5ALX
Alex Netherton
http://blueridgediscovery.org

Sent from Type Mail

On May 26, 2015, 2:32 PM, at 2:32 PM, "arrillaga@... [LDG-auto-tuners]"
<LDG-auto-tuners@yahoogroups.com> wrote:
>Hi All, I am considering getting a Hardrock50 to use with my KX3 and
>would like to use my existing
>LDG Z 100 when needed to make every thing happy. Have any of you tried
>such a combination?
>How did it work? Any pitfalls? Thanks for any insight. 73 Gene
>KF6ZYD

7340. Re: [LDG-auto-tuners] LDG Z100 + ATU

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-05-27 18:46:06 UTC
From: w0sgm@...
Topic: 7327 Message: 7340

Now that I think back when I had the FT-817, I believe David is right and that cable I posted a link to will not work on the FT-817. The 817 uses the CAT port (to the Z-817 tuner) where the 857 uses the 3.5mm ACC jack.

Scott W0SGM

---In LDG-auto-tuners@yahoogroups.com, <w5alx-groups@...> wrote :

The 817nd is the same thing as a 857 without the finals. If it will work on a 857 it will on a 817.
73 de W5ALX
Alex Netherton
http://blueridgediscovery.org http://blueridgediscovery.org
Sent from Type Mail http://www.typeapp.com/r
On May 26, 2015, at 5:43 PM, "'G8UVE' g8uve@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com mailto:LDG-auto-tuners@yahoogroups.com> wrote: ☐
Thanks All

For pointing me to the Cheapham site

Unfortunately that site doesn't resolve my problems

I'm looking for a cable that will interface the LDG Z100+ to a Yaesu FT817 ND

The cable that is shown is for the Z100+ to the Yaesu FT 857

Looks like I'll have to think of another avenue

Thanks for all the help

David (G8UVE)
----- Original Message -----
From: w0sgm@... [LDG-auto-tuners]
To: LDG-auto-tuners@yahoogroups.com mailto:LDG-auto-tuners@yahoogroups.com
Sent: Monday, May 25, 2015 2:19 PM
Subject: Re: [LDG-auto-tuners] LDG Z100 + ATU

LDG Y-ACC Yaesu Interface Cable

Cheapham.com http://www.cheapham.com

http://www.cheapham.com

Cheapham.com Amateur radio, ham radio, cb, marine band and electoinc components

View on www.cheapham.com
Preview by Yahoo

LDG Y-ACC Yaesu Interface Cable http://www.cheapham.com/ldg-y-acc-yaesu-interface-cable/

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LDG Y-ACC Yaesu Interface Cable LDG Y-ACC Yaesu Cable

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I got a couple from here before

Scott W0SGM

---In LDG-auto-tuners@yahoogroups.com, <g8uve@...> wrote :

Thanks Alex

I've had a look at MFJ ATU's (MFJ 939)

The actual connection at the back of the ATU is different

I already have the Z100+ using it on a 706MK2G but would like to use it on
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The Z100+ has had little use and I don't really want to sell it

I know this group is watched by a LDG staffer and I thought they may have
popped up and pointed me in the right direction

Of course Dayton has just finished ;-))

Thanks again

David (G8UVE)

----- Original Message -----
From: "Alex Netherton w5alx-groups@... mailto:w5alx-groups@... [LDG-auto-tuners]"
<LDG-auto-tuners@yahoogroups.com mailto:LDG-auto-tuners@yahoogroups.com>
To: <LDG-auto-tuners@yahoogroups.com mailto:LDG-auto-tuners@yahoogroups.com>
Sent: Sunday, May 24, 2015 5:19 AM
Subject: Re: [LDG-auto-tuners] LDG Z100 + ATU

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>> Does any one know if there's a ready made Radio Interface cable for the
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7341. Re: [LDG-auto-tuners] LDG Z100 + ATU

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-05-27 21:47:35 UTC
From: G8UVE
Topic: 7327 Message: 7341

Think the only way I can go (Unless an LDG staffer can point me in another direction) is one of the mfj (note lower case) route that offers various (additional) interconnect cables for various rigs

AND..... before any one says well you can do it manually , I would like to have it automatic like I have on my 857

Thanks All

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last time I opened a mfj case the case hadn't been deburred and I landed up with a few nasty cuts , nice attention to detail ;-((

First impressions count
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Subject: Re: [LDG-auto-tuners] LDG Z100 + ATU

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7342. LDG AT-600 Pro II Keeps reuning on 80 metres

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-05-27 21:48:23 UTC
From: rolandbrade@...
Topic: 7342 Message: 7342

I have a fairly new AT-600 Pro II Autotuner.
I tunes perfectly well on all bands with my Trap inverted L.
However on 80 metres it keeps going off tune and retuning during a transmission.
Anyone else had this and can someone give my any suggestions.
I looked inside the box to see if anything was getting hot but all looked as clean as the day it was made.
I was wondering if it could be a dirty relay.
The max power I run is 100 watts on all bands but normally only run 15 - 25 watts on JT65 as I use this mode mostly.
If I bypass the ATU and use the rig's internal tuner all seems fine.
Any help or suggestions would be appreciated.

Roley G3VIR

7343. RE: [LDG-auto-tuners] LDG Z100 + ATU

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-05-27 22:16:17 UTC
From: Michael D Earls
Topic: 7327 Message: 7343

Other than buying the LDG Z-817 or one of the other tuners designed for the 817, I came across this page where K5LAD talks about his homebrew antenna for his 817.

http://www.hayseed.net/~jpk5lad/817%20Tips%20and%20Antennas/817%20Portable%20Antenna.html

He has his 817 attached to a Z-11 and mentions that he previously had used an MFJ-901B.

The page includes numerous photos, but I didn't spot the tuner cable.

This assumes no physical differences between the 817 and 817ND.

His email is at the bottom. If still valid, he might offer some insight.

Mike Earls
AF5MS
TSRA Life Member
NRA Benefactor Member

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com]
Sent: Wednesday, May 27, 2015 4:48 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] LDG Z100 + ATU

Think the only way I can go (Unless an LDG staffer can point me in another direction) is one of the mfj (note lower case) route that offers various (additional) interconnect cables for various rigs

AND..... before any one says well you can do it manually , I would like to have it automatic like I have on my 857

Thanks All

David (G8UVE)

last time I opened a mfj case the case hadn't been deburred and I landed up with a few nasty cuts , nice attention to detail ;-((

First impressions count

7344. LDG Z-100+ Remotely Mounted Switch

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-05-27 23:34:16 UTC
From: robert6594j@...
Topic: 7344 Message: 7344

Greetings,

I recently purchased the LDG Z-100+ tuner with the intention of incorporating it into a custom portable enclosure along with an FT-857, power supply, and Pwrgate. Because of the design of the kit, I'd like to remotely mount the "tune" button and the two LED's on the front panel. I'm sure relocating the two LED's is easy enough, but I'm not able to find any information regarding the switch- no part number or no schematics on the pins. Would replacing it with any momentary switch work, and which connections are which? This is the first time I've attempted a mod like this, and the LDG tech was of no help, just sent me a link which provided no info.

Thanks for any info you have!

-Robert

7345. Re: [LDG-auto-tuners] LDG Z100 + ATU

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-05-27 23:58:43 UTC
From: G8UVE
Topic: 7327 Message: 7345

Hi Mike

Thanks for the input

As I said in an earlier email I already have the 857 and z100+

I am hoping to interface it with the 817 I have having the same facilities as the 857

There's a lot of information around

I don't want to do any damage to the unit

I'm not sure but I think the only way to get it repaired is to ship it back to LDG in the States

I don't think there's any one who has the information to repair it this side of the "pond"

I believe LDG are reluctant to let the information out to the general public in case it gets hijacked and I don't blame them.

Regards

David (G8UVE)

This email has been checked for viruses by Avast antivirus software.
http://www.avast.com

7346. Re: [LDG-auto-tuners] LDG AT-600 Pro II Keeps reuning on 80 metres

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-05-28 01:07:40 UTC
From: Hank Greeb
Topic: 7342 Message: 7346

You may be getting RF into the Tuner. Is the tuner at the inverted "L"
or is there some coax between the end of the inverted "L" and the
tuner? If there's coax, try a common mode choke (either several turns
of coax wound over a 2" or so diameter PVC Pipe, or a few big ferrite
clamp on units at the antenna end of the coax and similar common mode
choke at the tuner.

Common mode RF can really bolix the SWR sensing circuitry of an ATU.

72/73 de n8xx Hg
QRP >99.44% of the time

On 5/27/2015 5:48 PM, rolandbrade@... [LDG-auto-tuners] wrote:
> I have a fairly new AT-600 Pro II Autotuner.
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> I tunes perfectly well on all bands with my Trap inverted L.
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> transmission.
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> I looked inside the box to see if anything was getting hot but all
> looked as clean as the day it was made.
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> The max power I run is 100 watts on all bands but normally only run 15
> - 25 watts on JT65 as I use this mode mostly.
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> If I bypass the ATU and use the rig's internal tuner all seems fine.
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> Any help or suggestions would be appreciated.
>
> Roley G3VIR

7347. RE: [LDG-auto-tuners] LDG Z100 + ATU

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-05-28 00:46:33 UTC
From: Michael D Earls
Topic: 7327 Message: 7347

My suggestion was that K5LAD apparently has successfully used two different tuners with the 817, which were not designed for it.

Therefore, he might provide info on how he did it.

Mike Earls
AF5MS
TSRA Life Member
NRA Benefactor Member

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com]
Sent: Wednesday, May 27, 2015 6:59 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] LDG Z100 + ATU
☐
Hi Mike

Thanks for the input

As I said in an earlier email I already have the 857 and z100+

I am hoping to interface it with the 817 I have having the same facilities as the 857

There's a lot of information around

I don't want to do any damage to the unit

I'm not sure but I think the only way to get it repaired is to ship it back to LDG in the States

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I believe LDG are reluctant to let the information out to the general public in case it gets hijacked and I don't blame them.

Regards

David (G8UVE)

7348. Re: [LDG-auto-tuners] LDG Z100 + ATU

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-05-28 01:17:28 UTC
From: Hank Greeb
Topic: 7327 Message: 7348

The Z-100 is NOT an Auto tuner - i.e. it does NOT sense the SWR unless you manually push a button. You May connect a two wire connection to the "tune" port in the back of the Z-100 and run it to the rig, but you still need some way of telling the Z-100 to tune. This is usually done by a switch at the operating point. If there's a "tune" switch on the FT857 perhaps it lowers the power to a lower level (<10 watts or so) and then "grounds" something on the back panel to the ground chassis ground. This could be used to connect the 857 to the LDG Z-100. There ARE a host of LDG tuners which are auto tuners, just not the Z-100.

72/73 de n8xx Hg
QRP >99.44% of the time

On 5/27/2015 5:47 PM, 'G8UVE' g8uve@... [LDG-auto-tuners] wrote:
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7349. Re: [LDG-auto-tuners] LDG AT-600 Pro II Keeps reuning on 80 metres

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-05-28 01:23:23 UTC
From: Joshua Mesilane
Topic: 7342 Message: 7349

When you say you're running 100 watts, is that 100 watts SSB, Digital, AM?

Although the tuner is rated to 100W (I think actually 125) that's on SSB
which has about 30% average power ratio when compared to peak power.
Typically Ive found once the tuner finds a match it'll only retune if it
gets hot due to too much power.

0416039082
josh@...
http://www.zindello.com.au/

On Thu, May 28, 2015 at 11:07 AM, Hank Greeb n8xx@...
[LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:

>
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> is there some coax between the end of the inverted "L" and the tuner? If
> there's coax, try a common mode choke (either several turns of coax wound
> over a 2" or so diameter PVC Pipe, or a few big ferrite clamp on units at
> the antenna end of the coax and similar common mode choke at the tuner.
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> Common mode RF can really bolix the SWR sensing circuitry of an ATU.
>
> 72/73 de n8xx Hg
> QRP >99.44% of the time
>
> On 5/27/2015 5:48 PM, rolandbrade@btinternet.com [LDG-auto-tuners] wrote:
>
> I have a fairly new AT-600 Pro II Autotuner.
>
> I tunes perfectly well on all bands with my Trap inverted L.
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> transmission.
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> Any help or suggestions would be appreciated.
>
> Roley G3VIR
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7350. Re: [LDG-auto-tuners] LDG AT-600 Pro II Keeps reuning on 80 metres

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-05-28 05:05:34 UTC
From: KK2DOG in NY
Topic: 7342 Message: 7350

Switch it from Automatic to Manual tuning on 80 meters.

KK2DOG

From the REAL upstate NY in grid FN24.

From: "Joshua Mesilane josh@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com>
To: "LDG-auto-tuners@yahoogroups.com" <LDG-auto-tuners@yahoogroups.com>
Sent: Wednesday, May 27, 2015 9:23 PM
Subject: Re: [LDG-auto-tuners] LDG AT-600 Pro II Keeps reuning on 80 metres

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Roley G3VIR

7351. Z-100Plus & Yaesu FT847

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-05-29 01:58:32 UTC
From: <n9nau@...>
Topic: 7351 Message: 7351

Is it possible to interface the Z-100Plus to the FT847? I need a new tuner for it and LDG doesn’t make the YT-847 tuner anymore. I figured out how it interfaced to my FT857D and figured it would not be that hard to make it work on the FT847. Anybody have any other ideas?

Sent from Windows Mail

7352. RE: [LDG-auto-tuners] LDG AT-600 Pro II Keeps reuning on 80 metres

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-05-30 07:47:45 UTC
From: Roland Brade
Topic: 7342 Message: 7352

Mike
Many thanks for your answer.
That's solved the problem, however I am still searching for the reason why it does this on 80 metres.
For Josh, this tuner is rated at 600 Watts. Spec says : 600 Watts SSB and CW, 250 watts on 6M. 250 watts PSK and digital.
I don't have the capability of running more than 100Watts.

Thanks to everyone that replied.

Roley

G3VIR

RAFARS 112 - RSARS 224

From: LDG-auto-tuners@yahoogroups.com
[mailto:LDG-auto-tuners@yahoogroups.com]
Sent: 28 May 2015 06:06
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] LDG AT-600 Pro II Keeps reuning on 80 metres

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KK2DOG

From the REAL upstate NY in grid FN24.

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To: "LDG-auto-tuners@yahoogroups.com" <LDG-auto-tuners@yahoogroups.com>
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Roley G3VIR

7353. LDG Z-11Pro II Tune Memory

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-05-30 11:37:11 UTC
From: cbjesseeNH@...
Topic: 7353 Message: 7353

I am using my LDG Z-11Pro II to tune a OCF dipole while running WSPR propagation on Win7(64). I run through all the bands tuning on 25W and see all tune to < 2.00. Then I set power to 5W on my FT-897D/SignaLinks USB set-up and band-hop. In many cases the short 2-3sec tune-up before each Rx isn't long enough for the tuner to land on the memory for the last tune at frequency and it stops at > 3, as seen by LEDs, and > 100 on SWR meter.

Any solutions apparent?

7354. Re: [LDG-auto-tuners] LDG AT-600 Pro II Keeps reuning on 80 metres

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-06-01 04:12:19 UTC
From: Alex Netherton
Topic: 7342 Message: 7354

The reason it may do that on 80 is because the SWR is too high on 80. If the SWR is over 2:1 it will "hunt" for a match forever. I do not know if you are familiar with tuners in general and the LDG line in particular, and if you are, just disregard this missive. However: Warning: I am going into educational mode! Educational content, you may want to hit "delete"!*
Matchers are by nature black magic. Some say you are "foolin' yer transmitter" (no, not really), but what you are doing is taking a reactive load that may or may not be resonant on the frequency in question and transforming it (a matcher is indeed a transformer) to a 50Ω load. If you are using an end fed wire (longwire) directly into the tuner (matcher), you will use the coils and capacitors in the matcher to resonate the antenna *_and_* transform the load to 50Ω! However:
On a coax fed antenna, if you are using the antenna off of the resonant frequency, the matcher has to deal with a high SWR coming off the feedline, a really flaky reactive load, and a load that is far from 50Ω. Lot of work, and sometimes it can't do it. Add to that the losses on the feedline for an off resonance antenna (high SWR on coax causes bad losses, sometimes extreme, especially in long runs). Lesson here, don't use coax fed antennas on all bands unless the coax run is short! (Use balanced line instead.)
Often, the antenna is simply out of the range of the capacitors and coils in the matcher/tuner, and the SWR stays high. On a manual tuner, it simply means that you end up either with a high (up to 3:1) SWR, or a really bad SWR that is off the scale. This is simply out of any realistic operating range of modern radios, who like less than 1.2:1, at 1.5:1 will cut power to about 50 to 75%, at 2:1 less than 50, and at 3:1, they refuse to budge, just take their bats and go home. Older tube types with hefty tank circuits simply didn't care, having all the coils and caps they needed.

LDG tuners/matchers are whiz-bang, but due to their construction, are only good for a certain range of impedance. Beyond that, they cannot go. Some of the older manual tuners (I have a Heathkit SA-2040 that will tune the gutters on your house!) can easily match a 40 meter to 160, but the LDG is not going to do that.

Now, I suspect that your inverted L may be a Marconi type, fed with coax and grounded somehow. If it is, you are going to have trouble. I would respectfully suggest getting some ladder line, feed your inverted L as a center fed wire flattop, and run it through a balun (LDG makes them; I suggest a 4:1). With a 102 to 135 foot antenna like this, you can expect to tune from 80 through 6 with little trouble. (This is my setup BTW).

When tuning on 80, see where the lower bank of lights stop. If they are stopping at 1.7 or less, then you probably have an RF problem in the shack. If it is at 1.7 or higher, your antenna is out of range of the matcher.

73

Alex Netherton, W5ALX
Asheville NC EM85ro, Buncombe County

On 5/30/2015 3:47, 'Roland Brade' rolandbrade@...
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> [mailto:LDG-auto-tuners@yahoogroups.com]
> *Sent:* 28 May 2015 06:06
> *To:* LDG-auto-tuners@yahoogroups.com
> *Subject:* Re: [LDG-auto-tuners] LDG AT-600 Pro II Keeps reuning on 80
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7355. RE: [LDG-auto-tuners] LDG AT-600 Pro II Keeps reuning on 80 metres

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-06-01 07:42:26 UTC
From: Roland Brade
Topic: 7342 Message: 7355

Alex
Very many thanks for putting pen to paper or should I say fingers to keyboard!!
Yes you are so right. I fully understand all you have said having been in commercial and military radio research engineering for over 50 years.
This inverted L is of the trap type and is resonating at about 3760. The SWR is pretty good without an ATU as I trimmed it. I did cheat a bit in

that I took the W3DZZ design measurements. Then made a trap for 80 so that

it covered 160 as well. 3760 is a bit high for me but I will sort that later. Yes, I do use a balun which I constructed myself. After all they are not hard to make as long as you use the right type of core.
I think we are getting to the swap stage, just to confirm that it is as suspected and not the ATU itself.
Alex once again thanks for taking the trouble to send the message, I am sure it will be of help to many people on this group.
I liked the photos on your QRZ page
73

Roley

roland@...

G3VIR

RAFARS 112 - RSARS 224

From: LDG-auto-tuners@yahoogroups.com
[mailto:LDG-auto-tuners@yahoogroups.com]
Sent: 01 June 2015 05:12
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] LDG AT-600 Pro II Keeps reuning on 80 metres

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7356. Re: [LDG-auto-tuners] LDG AT-600 Pro II Keeps reuning on 80 metres

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-06-01 12:22:59 UTC
From: Scott McDonald
Topic: 7342 Message: 7356

Hi Roley,

I almost gave up on my 1000pro2 for the same reason.

I had hoped it would be a plug and play solution to running my 88 foot center fed Zepp on all bands with an amp, and instead primarily promoted the consumption of alcoholic beverages.

A friend suggested measuring the antenna with an analyzer across each and then testing at various power levels.

Long story short it became apparent in the end that I had separate common mode, balun saturation and complex load issues that I eventually exorcised with a new balun (had to go to 4 stacked T200s) lots of ferrite, relocating a feed line, and changing the feed line length.

After having done that I still think the 1000 wants to retune more often than the 200pro did, but at least there were several reasons for its initial behavior, and it's much quieter now.

Good luck.

Scott ka9p

Make something good happen!

> On Jun 1, 2015, at 2:42 AM, 'Roland Brade' rolandbrade@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:
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>
> The reason it may do that on 80 is because the SWR is too high on 80. If
> the SWR is over 2:1 it will "hunt" for a match forever. I do not know if
> you are familiar with tuners in general and the LDG line in particular,
> and if you are, just disregard this missive. However: Warning: I am
> going into educational mode! Educational content, you may want to hit
> "delete"!*
> Matchers are by nature black magic. Some say you are "foolin' yer
> transmitter" (no, not really), but what you are doing is taking a
> reactive load that may or may not be resonant on the frequency in
> question and transforming it (a matcher is indeed a transformer) to a
> 50Ω load. If you are using an end fed wire (longwire) directly into the
> tuner (matcher), you will use the coils and capacitors in the matcher to
> resonate the antenna *_and_* transform the load to 50Ω! However:
> On a coax fed antenna, if you are using the antenna off of the resonant
> frequency, the matcher has to deal with a high SWR coming off the
> feedline, a really flaky reactive load, and a load that is far from 50Ω.
> Lot of work, and sometimes it can't do it. Add to that the losses on the
> feedline for an off resonance antenna (high SWR on coax causes bad
> losses, sometimes extreme, especially in long runs). Lesson here, don't
> use coax fed antennas on all bands unless the coax run is short! (Use
> balanced line instead.)
> Often, the antenna is simply out of the range of the capacitors and
> coils in the matcher/tuner, and the SWR stays high. On a manual tuner,
> it simply means that you end up either with a high (up to 3:1) SWR, or a
> really bad SWR that is off the scale. This is simply out of any
> realistic operating range of modern radios, who like less than 1.2:1, at
> 1.5:1 will cut power to about 50 to 75%, at 2:1 less than 50, and at
> 3:1, they refuse to budge, just take their bats and go home. Older tube
> types with hefty tank circuits simply didn't care, having all the coils
> and caps they needed.
>
> LDG tuners/matchers are whiz-bang, but due to their construction, are
> only good for a certain range of impedance. Beyond that, they cannot go.
> Some of the older manual tuners (I have a Heathkit SA-2040 that will
> tune the gutters on your house!) can easily match a 40 meter to 160, but

> the LDG is not going to do that.
>
> Now, I suspect that your inverted L may be a Marconi type, fed with coax
> and grounded somehow. If it is, you are going to have trouble. I would
> respectfully suggest getting some ladder line, feed your inverted L as a
> center fed wire flattop, and run it through a balun (LDG makes them; I
> suggest a 4:1). With a 102 to 135 foot antenna like this, you can expect
> to tune from 80 through 6 with little trouble. (This is my setup BTW).
>
> When tuning on 80, see where the lower bank of lights stop. If they are
> stopping at 1.7 or less, then you probably have an RF problem in the
> shack. If it is at 1.7 or higher, your antenna is out of range of the
> matcher.
>
> 73
>
> Alex Netherton, W5ALX
> Asheville NC EM85ro, Buncombe County
>
> On 5/30/2015 3:47, 'Roland Brade' rolandbrade@...
> [LDG-auto-tuners] wrote:
> >
> > Mike
> > Many thanks for your answer.
> > That's solved the problem, however I am still searching for the reason
> > why it does this on 80 metres.
> > For Josh, this tuner is rated at 600 Watts. Spec says : 600 Watts SSB
> > and CW, 250 watts on 6M. 250 watts PSK and digital.
> > I don't have the capability of running more than 100Watts.
> > Thanks to everyone that replied.
> >
> > */Roley/*
> >
> > */G3VIR/*
> >
> > */RAFARS 112 - RSARS 224/*
> >
> > **
> >
> >
> > ---
> > *From:* LDG-auto-tuners@yahoogroups.com
> > [mailto:LDG-auto-tuners@yahoogroups.com]
> > *Sent:* 28 May 2015 06:06
> > *To:* LDG-auto-tuners@yahoogroups.com
> > *Subject:* Re: [LDG-auto-tuners] LDG AT-600 Pro II Keeps reuning on 80
> > metres
> >
> > Switch it from Automatic to Manual tuning on 80 meters.

> >
> >
> >
> > KK2DOG
> >
> >
> > From the REAL upstate NY in grid FN24.
> >
> >
> >
> >
> > ---
> > *From:* "Joshua Mesilane josh@... [LDG-auto-tuners]"
> > <LDG-auto-tuners@yahoogroups.com>
> > *To:* "LDG-auto-tuners@...m" <LDG-auto-tuners@yahoogroups.com>
> > *Sent:* Wednesday, May 27, 2015 9:23 PM
> > *Subject:* Re: [LDG-auto-tuners] LDG AT-600 Pro II Keeps reuning on 80
> > metres
> >
> > When you say you're running 100 watts, is that 100 watts SSB, Digital, AM?
> >
> > Although the tuner is rated to 100W (I think actually 125) that's on
> > SSB which has about 30% average power ratio when compared to peak
> > power. Typically Ive found once the tuner finds a match it'll only
> > retune if it gets hot due to too much power.
> >
> >
> >
> >
> > ---
> > 0416039082
> > josh@zindello. com.au <mailto:josh@zindello.com.au>
> > http://www.zindello.com.au/
> >
> > On Thu, May 28, 2015 at 11:07 AM, Hank Greeb n8xx@...
> > <mailto:n8xx@...> [LDG-auto-tuners]
> > <LDG-auto-tuners@yahoogroups.com
> > <mailto:LDG-auto-tuners@yahoogroups.com>> wrote:
> >
> > You may be getting RF into the Tuner. Is the tuner at the
> > inverted "L" or is there some coax between the end of the inverted
> > "L" and the tuner? If there's coax, try a common mode choke
> > (either several turns of coax wound over a 2" or so diameter PVC
> > Pipe, or a few big ferrite clamp on units at the antenna end of
> > the coax and similar common mode choke at the tuner.
> >
> > Common mode RF can really bolix the SWR sensing circuitry of an ATU.
> >
> > 72/73 de n8xx Hg

> > QRP >99.44% of the time
> >
> > On 5/27/2015 5:48 PM, rolandbrade@btinternet.com
> > <mailto:rolandbrade@...> [LDG-auto-tuners] wrote:
> >> I have a fairly new AT-600 Pro II Autotuner.
> >>
> >> I tunes perfectly well on all bands with my Trap inverted L.
> >>
> >> However on 80 metres it keeps going off tune and retuning during
> >> a transmission.
> >>
> >> Anyone else had this and can someone give my any suggestions.
> >>
> >> I looked inside the box to see if anything was getting hot but
> >> all looked as clean as the day it was made.
> >>
> >> I was wondering if it could be a dirty relay.
> >>
> >> The max power I run is 100 watts on all bands but normally only
> >> run 15 - 25 watts on JT65 as I use this mode mostly.
> >>
> >> If I bypass the ATU and use the rig's internal tuner all seems fine.
> >>
> >> Any help or suggestions would be appreciated.
> >>
> >> Roley G3VIR
> >
> >
> >
> >
> >
>
>
>
>
>

7357. AT-100ProII 80 metre behavour

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-06-01 14:55:57 UTC
From: steve.lenaghan@...
Topic: 7357 Message: 7357

I was attempting to work the Falklands last night on JT65 with my FT897D. I have a 135' OCF fairly high and did a primary tune up. So far so good. But as the transmission progressed the SWR increased to above 3:1. During the next cycle this behavior repeated. Normally I would suspect a bad joint but the balun and wire connections were just inspected. AND it does not happen on other bands in similar conditions.

Steve VE5SR

7358. Re: [LDG-auto-tuners] AT-100ProII 80 metre behavour

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-06-01 17:18:35 UTC
From: Craig
Topic: 7357 Message: 7358

I'd remove the cover and, with the transmitter is unkeyed, but after a transmission, see if there is any coil or capacitor heating. Something would have to get pretty hot to do what you describe, so it they are room temperature or slightly warm, it's probably not the tuner.

73, Craig

> On Jun 1, 2015, at 10:55 AM, "steve.lenaghan@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:
>
>
>
> I was attempting to work the Falklands last night on JT65 with my FT897D. I have a 135' OCF fairly high and did a primary tune up. So far so good. But as the transmission progressed the SWR increased to above 3:1. During the next cycle this behavior repeated. Normally I would suspect a bad joint but the balun and wire connections were just inspected. AND it does not happen on other bands in similar conditions.
>
>
>
> Steve VE5SR
>
>
>
>
>
>
>
>
>

7359. Re: [LDG-auto-tuners] AT-100ProII 80 metre behavour

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-06-02 16:03:30 UTC
From: w0sgm@...
Topic: 7357 Message: 7359

Running too much power ? I believe its only rated for like 20-30 watts on digital

Scott W0SGM

---In LDG-auto-tuners@yahoogroups.com, <cpu_nut@...> wrote :

I'd remove the cover and, with the transmitter is unkeyed, but after a transmission, see if there is any coil or capacitor heating. Something would have to get pretty hot to do what you describe, so it they are room temperature or slightly warm, it's probably not the tuner.

73, Craig

On Jun 1, 2015, at 10:55 AM, "steve.lenaghan@... mailto:steve.lenaghan@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com mailto:LDG-auto-tuners@yahoogroups.com> wrote:

I was attempting to work the Falklands last night on JT65 with my FT897D. I have a 135' OCF fairly high and did a primary tune up. So far so good. But as the transmission progressed the SWR increased to above 3:1. During the next cycle this behavior repeated. Normally I would suspect a bad joint but the balun and wire connections were just inspected. AND it does not happen on other bands in similar conditions.

Steve VE5SR

7360. AT-200Pro not retaining memories on 15 and 20m

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-06-09 23:43:39 UTC
From: fudgies@...
Topic: 7360 Message: 7360

Sorry if this subject has been covered before here!

For the past week or so I have noticed that my AT-200Pro goes through a full tune cycle especially on 15m but also sometimes on 20m but it's OK on all other bands. I'm using a 66 foot OCFD and tuning is done at 10 watts on CW. If I tune on 15m then QSY to another band it runs a full tune cycle when I return to 15m, it happens to a lesser extent on 20m . It's only been happening for the past week it was working fine up to then.

When it retunes it holds the tune settings so unlike some similar problems that I've read on here it doesn't start to retune during a transmission, only when I leave 15m (or sometimes 20m) then return again.

Any ideas or help with this would be appreciated!

73

James EI2IV

7361. Contacting LDG

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-06-10 18:00:29 UTC
From: frank.reckenberg@...
Topic: 7361 Message: 7361

I've called and sent emails to LDG's support staff t check on the status of my 1000 Pro II with no luck. Is there another way to contact them?

Thanks in advance,
Frank
KM4FVI

7362. Re: [LDG-auto-tuners] Contacting LDG

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-06-10 20:10:49 UTC
From: G8UVE
Topic: 7361 Message: 7362

Dwayne who seems to be the voice of LDG has been noticeable by his absence over the last few days / weeks

Perhaps he's been busy leading up to Dayton and even busier after

Perhaps catching up with back orders

Regards

David (G8UVE)
----- Original Message -----
From: frank.reckenberg@yahoo.com [LDG-auto-tuners]
To: LDG-auto-tuners@yahoogroups.com
Sent: Wednesday, June 10, 2015 7:00 PM
Subject: [LDG-auto-tuners] Contacting LDG

I've called and sent emails to LDG's support staff t check on the status of my 1000 Pro II with no luck. Is there another way to contact them?

Thanks in advance,

Frank

KM4FVI

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http://www.avast.com

7363. Re: [LDG-auto-tuners] Contacting LDG

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-06-10 21:32:52 UTC
From: Jimmy (WB8NBI)
Topic: 7361 Message: 7363

Do you want them to answer E-mails or work on your tuner ? They are a small Co. and very busy.

DE Jimmy (WB8NBI)

From: mailto:LDG-auto-tuners@yahoogroups.com
Sent: Wednesday, June 10, 2015 2:00 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Contacting LDG

I've called and sent emails to LDG's support staff t check on the status of my 1000 Pro II with no luck. Is there another way to contact them?

Thanks in advance,

Frank

KM4FVI

7364. Re: [LDG-auto-tuners] Contacting LDG

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-06-10 20:53:59 UTC
From: Tom Chesek
Topic: 7361 Message: 7364

If you check your tracking number with your shipper and verified that it was delivered then all you can do is wait. This topic comes up on a somewhat regular basis. Some repairs are back in a couple of weeks and some much longer and they don't respond to calls for updates.

-------- Original message --------
From: "'G8UVE' g8uve@yahoo.co.uk [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com>
Date: 06/10/2015 4:10 PM (GMT-05:00)
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] Contacting LDG

Dwayne who seems to be the voice of LDG has been noticeable by his absence over the last few days / weeks

Perhaps he's been busy leading up to Dayton and even busier after

Perhaps catching up with back orders

Regards

David (G8UVE)
----- Original Message -----
From: frank.reckenberg@yahoo.com [LDG-auto-tuners]
To: LDG-auto-tuners@yahoogroups.com
Sent: Wednesday, June 10, 2015 7:00 PM
Subject: [LDG-auto-tuners] Contacting LDG

I've called and sent emails to LDG's support staff t check on the status of my 1000 Pro II with no luck. Is there another way to contact them?

Thanks in advance,

Frank

KM4FVI

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www.avast.com

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www.avast.com

7365. Re: [LDG-auto-tuners] Contacting LDG

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-06-10 22:11:33 UTC
From: Frank Reckenberg
Topic: 7361 Message: 7365

Actually both, but I understand its a small company.
Frank
Frank Reckenberg

KM4FVI

Pikeville, NC USA

On Wednesday, June 10, 2015 5:32 PM, "'Jimmy (WB8NBI)' wb8nbi@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:

Do you want them to answer E-mails or work on your tuner ? They are a small Co. and very busy.

DE Jimmy (WB8NBI) From: mailto:LDG-auto-tuners@yahoogroups.com Sent: Wednesday, June 10, 2015 2:00 PMTo: LDG-auto-tuners@yahoogroups.com Subject: [LDG-auto-tuners] Contacting LDG I've called and sent emails to LDG's support staff t check on the status of my 1000 Pro II with no luck. Is there another way to contact them?
Thanks in advance,FrankKM4FVI

7366. RE: [LDG-auto-tuners] Contacting LDG

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-06-10 23:05:16 UTC
From: Bill Husted
Topic: 7361 Message: 7366

I have to say that I've always received help when I've written the company with a question or a problem with a product. (I've never written to ask for the status of a repair). And it would make me uneasy if in your shoes, so I understand. But I do think they're good folks. Small comfort I guess, but I've had questions several times and the company was responsive and helpful.

Bill KQ4YA

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com]
Sent: Wednesday, June 10, 2015 6:12 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] Contacting LDG

Actually both, but I understand its a small company.

Frank

Frank Reckenberg
KM4FVI

Pikeville, NC USA

On Wednesday, June 10, 2015 5:32 PM, "'Jimmy (WB8NBI)' wb8nbi@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:

Do you want them to answer E-mails or work on your tuner ? They are a small Co. and very busy.

DE Jimmy (WB8NBI)

From: mailto:LDG-auto-tuners@yahoogroups.com

Sent: Wednesday, June 10, 2015 2:00 PM

To: LDG-auto-tuners@yahoogroups.com

Subject: [LDG-auto-tuners] Contacting LDG

I've called and sent emails to LDG's support staff t check on the status of my 1000 Pro II with no luck. Is there another way to contact them?

Thanks in advance,

Frank

KM4FVI

7367. Re: [LDG-auto-tuners] Contacting LDG

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-06-10 22:55:43 UTC
From: Frank Reckenberg
Topic: 7361 Message: 7367

Thanks Tom for the information. I purchased two 1000 Pro IIs last year and sent one in for repair several weeks ago for repair.
Frank Frank Reckenberg
KM4FVI

Pikeville, NC USA

On Wednesday, June 10, 2015 4:53 PM, "Tom Chesek tchesek@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:

If you check your tracking number with your shipper and verified that it was delivered then all you can do is wait. This topic comes up on a somewhat regular basis. Some repairs are back in a couple of weeks and some much longer and they don't respond to calls for updates.

-------- Original message --------
From: "'G8UVE' g8uve@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com>

Date: 06/10/2015 4:10 PM (GMT-05:00)
To: LDG-auto-tuners@...m

Subject: Re: [LDG-auto-tuners] Contacting LDG

☐Dwayne who seems to be the voice of LDG has been noticeable by his absence over the last few days / weeks Perhaps he's been busy leading up to Dayton and even busier after Perhaps catching up with back orders Regards
David (G8UVE)
----- Original Message ----- From: frank.reckenberg@yahoo.com [LDG-auto-tuners] To: LDG-auto-tuners@yahoogroups.com Sent: Wednesday, June 10, 2015 7:00 PM Subject: [LDG-auto-tuners] Contacting LDG
I've called and sent emails to LDG's support staff t check on the status of my 1000 Pro II with no luck. Is there another way to contact them?
Thanks in advance, Frank KM4FVI

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www.avast.com |

| | This email has been checked for viruses by Avast antivirus software.
www.avast.com |

7368. RE: [LDG-auto-tuners] Contacting LDG

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-06-10 23:11:48 UTC
From: Michael D Earls
Topic: 7361 Message: 7368

This is their response to an earlier inquiry:

Virgil and all. We used to say repairs take up to 4 to 6 calendar weeks for repair, but that was just too generic and looked like a long time. We rarely ever reached that maximum time frame anyway, but we said that as a catch all. Now we just say it will be done as soon as possible. It's an odd occurrence at LDG that we get more than 7 or 8 units in for repair, so most of them are done in just a week or two.

The number of units sent back is so low that we only have a part time person that goes over the really troubled units a couple of days per week. We have a first level technician that looks at them to see if the problem can be replicated or not and can send the unit back (75% of the time there is no issue) or pass it along to a technician. The tech receives units a couple of batches per week and goes over each unit to make an initial determination if it can be repaired or if it's beyond repair.

Finally, if it can be repaired, the technician will do the repairs in the order that they receive the units. There is no way to tell at this point how long it will take to repair any individual unit. It completely relies on the number of units ahead and the complexity of any units already in the queue.
So you see, there is really no way to individually track down any particular unit while it’s in process. This is why we say we’ll contact you when it’s complete. It could be complete at any one of the several steps. It’s by far, the most efficient system possible give the resources.
Taking the time to set up a tracking system so a few units could be tracked through each step would be extremely inefficient. Obviously we could do it, but it would certainly add a significant amount of time to each unit sent in for repair, whether they we returned with the first few days or it ended up with tech for a detailed checkout.
Everyone gets an e-mail as soon as we are finished. We make that very clear. Asking for some kind of status along the way only delays the entire system.
We’ve been doing this a few years and know that there are more customer oriented systems out there, but none are more efficient and certainly not faster than what we currently have implemented.
I hope this helps in understanding the system.
Dwayne Kincaid
LDG

7369. Re: LDG AT-200Pro II problem icom IC-7600

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-06-13 13:50:15 UTC
From: toddjpg@...
Topic: 5439 Message: 7369

I am having the same problem with my ICOM 7600 and the AT 600 Pro II with a butternut vertical antenna. The tuner works fine with my hexbeam, but for whatever reason I get the lost tuner RF. I checked the vertical with antenna analyzer and the swr is in the tunable range (i.e. way less than 3:1 swr). Also, when I use the internal tuner on the IC7600 it tunes the vertical fine.

Wondering if you or anyone else has found a solution.

73
Todd - VE7CKZ

7370. Lost tuner RF - AT600 pro II and Icom 7600

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-06-13 14:00:50 UTC
From: toddjpg@...
Topic: 7370 Message: 7370

I am having a problem with my AT 600 Pro II tuner and ICOM 7600 with a Hustler vertical antenna. I have all the interface cables connected. The problem is that when I tune, I get the lost tuner RF error message on the tuner.

The tuner works fine with my hexbeam, and it did work fine with the vertical a few months ago. But now for whatever reason I get the lost tuner RF message with the vertical. I checked the vertical with antenna analyzer and the swr is in the tunable range (i.e. way less than 3:1 swr). Also, when I use the internal tuner on the IC7600 it tunes the vertical fine. I’ve tried both the automatic and manual tune cycles and I still get the lost RF message.

Wondering if anyone else has had this problem and found a solution. Is there a way to “reset” the AT 600 Pro II?

73
Todd - VE7CKZ

7371. AT-200PRO not starting

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-06-15 18:04:14 UTC
From: oh6lsl@...
Topic: 7371 Message: 7371

Hi, I have problem.
AT-200Pro is not starting. When powered up, all LEDs are on, and after 10 sec only power led is on.

When pressing power button, some relay is take action. Power led still on. XTAL mesured by oscilloscope. 20MHz oscillation is seen only when pressing power button.

Does anyone have same?

Is there available new processor?
Schematics?

73 `de

Janne
OH6LSL

7372. Re: LDG AT-200Pro II problem icom IC-7600

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-06-19 12:19:25 UTC
From: frank.reckenberg@...
Topic: 5439 Message: 7372

Same problem with one of my 1000 II Pro. Sent it in for warranty repair a couple of weeks ago and received it back yesterday. The repair ticket said the technician returned the SWR detection circuit. I'm using a 43 Ft DX Engineering vertical with ground 80 Ft ground radial wires.

Frank
KM4FVI

7373. Re: AT-200PRO not starting

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-06-19 21:35:00 UTC
From: ldgyahoo@...
Topic: 7371 Message: 7373

Janne,

Yes, replacement processor are available. Please contact us directly.

LDG

7374. Re: Lost tuner RF - AT600 pro II and Icom 7600

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-06-19 21:37:51 UTC
From: ldgyahoo@...
Topic: 7370 Message: 7374

Todd,

Sounds like an RF in the shack or a poor ground issue. Add RF chokes to the DC power cable to the radio and tuner. If you use an interface cable add an RF choke on that.

LDG

7375. Re: Lost tuner RF - AT600 pro II and Icom 7600

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-07-01 04:03:13 UTC
From: toddjpg@...
Topic: 7370 Message: 7375

I have added chokes to the DC feed to the transciever and chokes to to the interface cable (4 chokes on each). I have also added a feedline current choke on the vertical. Still no luck. Any other suggestions?

73
Todd
VE7CKZ

7376. Re: Lost tuner RF - AT600 pro II and Icom 7600

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-07-01 05:47:27 UTC
From: rolandbrade@...
Topic: 7370 Message: 7376

Todd I went through all these problems with my AT-600 pro and did everything you did plus more.
In the end I started going round every piece of equipment. I noticed that my rotator did not have a chassis earth. I added one and connected to the station earth.
Oh, what a surprise all my problems were solved! maybe this is the next step for you.
Good Luck
Roley G3VIR

---In LDG-auto-tuners@yahoogroups.com, <toddjpg@...> wrote :

I have added chokes to the DC feed to the transciever and chokes to to the interface cable (4 chokes on each). I have also added a feedline current choke on the vertical. Still no luck. Any other suggestions?

73
Todd
VE7CKZ

7377. Re: Using auto tuner at multi-transmitter (Field Day)

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-07-01 14:09:08 UTC
From: w_r_adams1@...
Topic: 6201 Message: 7377

I'm back to report success at the 2015 ARRL FD using a remote AT-100PRO in a multi-transmitter environment. The Mansfield Johnson Amateur Radio Service club operated low power (100 watt transmitters) in the 3F category The site included 4 HF stations including the one dedicated to the GOTA position as well as yet another transmitter at the VHF/UHF position. These transmitters fed a variety of antennas including 2 3 element tri-band Yagis, 1 2 element tri-band quad, 1 40 meter 2 element quad, a 2m, 6m, 70 cm Yagi stack, an 80 meter half wave dipole and our 136 ft. open wire fed doublet at 30 feet above ground level. Additionally we are located approximately 5 miles from a 50 kilowatt AM station and 6 miles from most of the DFW area television station transmitters and all the RF infrastructure associated with modern suburban life. At our site our antenna analyzers are overwhelmed by background RF.

The FD operations were out of the fire training room that serves as an alternate EOC for the city of Mansfield, TX. One of the HF positions was dedicated to the cw mode and this station was paired with a tri-band Yagi and the open wire fed doublet, tuned with my AT-100Pro. A pair of bias Tees were constructed based on Phil Salas, AD5X, article "Build a 3-amp Legal-Limit Bias-T that Covers 1.8-230MHz" to supply power to the remote ATU via 175 feet of coax. An LDG 4:1 balun was used at the antenna 1 output of the AT100Pro to connect to a run of approximately 55 feet of 450 ohm window line. At the operating position, a bias Tee was fed by the position's 12 volt power supply and the transceiver (an Elecraft K3). In turn the station bias Tee supplied power and rf to the coaxial cable running out to the remote tuner. The remote AT100Pro, 4:1 balun and a bias Tee were housed in a plastic Stanley tool box mounted on the ground and the feed line dressed approximately 3 feet over the ground until it turned up to the center of the doublet. The ATU was left in automatic mode for the entire operation.

During the FD exercise, the cw operators preferred the Yagi on 20 and 15 meters while having more success with the doublet on 80, 40 and 10 meters. Only 2 trips to the tuner were necessary during the event. In both cases, when the AT100 failed to match, it was discovered that the output had switched from antenna 1 to antenna 2. Perhaps better grounding of the ATU will correct this issue in future deployments.

After all these years of not trying the autotuner in this situation, I'm now a firm believer in including it in the toolkit. I let theoretical issues stall real fun for too long!

73
Bill AF4B

7378. ldg at200 pro ii

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-07-03 11:01:58 UTC
From: m6nae1@...
Topic: 7378 Message: 7378

hi..i need some advise...I have just installed a new half size g5rv...it will tune on all bands EXCEPT 40M....should I get a 4-1 balun or a 1-1...as I am not sure. will this help me tune 40m

many thanks neil

7379. Re: [LDG-auto-tuners] ldg at200 pro ii

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-07-03 12:29:13 UTC
From: Joe
Topic: 7378 Message: 7379

Add a length of coax to the antenna. This will not really fix anything,
but may just allow the tuner to tune on 40 meters.

Joe

On 7/3/2015 7:01 AM, m6nae1@... [LDG-auto-tuners] wrote:
> hi..i need some advise...I have just installed a new half size
> g5rv...it will tune on all bands EXCEPT 40M....should I get a 4-1
> balun or a 1-1...as I am not sure. will this help me tune 40m

7380. Auto Tuner needed for TenTec Orion

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-07-03 14:28:36 UTC
From: K
Topic: 7380 Message: 7380

I am looking for an automatic tuner to go inside a TenTec Orion transceiver. I think the LDG number is OP-11, although TenTec also had one with their own number on it. I have been told it is the same tuner as in the TenTec Jupiter as well, but am not 100% positive of that.

Does anyone have one, or know where one might be found? Or any info of any sort?

Thanks.

73,

Ken, W8EK

Ken Simpson
E-mail to W8EK@... or W8EK@...
Voice Phone (352) 732-8400

7381. FTL meter cable

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-07-05 13:36:16 UTC
From: k4dl@...
Topic: 7381 Message: 7381

I am trying to find a cable to fit my FTL meter. It has not worked properly since I bought it last year and I have had to move the cable ends around in the connectors to get it to work. It is the end with the 90 degree turn, and unless I hold it with pressure to the side it just won't work no matter if I connect to to the radio or the meter. Very frustrating. I sent an email to LDG and the reply was "OK", so I don't know if they make it available or how to order it if they do. Taiwan is not known for making quality products anyway.

7382. new antenna

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-07-08 12:33:24 UTC
From: m6nae1@...
Topic: 7382 Message: 7382

hello
I am thinking of making a longwire antenna for hf...which balun would be best a 4:1 or a 1:1 balun

many thanks
neil

7383. Re: [LDG-auto-tuners] new antenna

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-07-08 13:42:32 UTC
From: Don Sanders
Topic: 7382 Message: 7383

Actually a 9:1 would be best if you are feeding with 50 ohm coax.
Then a ugly balun at the tuner output to reduce common mode current.
A 1:1 on the output of your tuner to the long wire if directly feeding the wire.
You may need a 1:1 on the input if you have common mode troubles.
Without any further info on the antenna, installation, type and model of tuner,
etc., it is impossible to give really factual info.

Dr. Don HC4/W4BWS

On Wed, Jul 8, 2015 at 7:33 AM, m6nae1@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:

>
>
> hello
>
> I am thinking of making a longwire antenna for hf...which balun would be
> best a 4:1 or a 1:1 balun
>
>
> many thanks
>
> neil
>
>
>

7384. Re: [LDG-auto-tuners] new antenna

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-07-08 15:17:02 UTC
From: Don Sanders
Topic: 7382 Message: 7384

I for got to add that if using an LDG tuner which can match up to 1000 ohms , I believe, Then a 4 to 1 will bring down the 2 to 5 K resistance to under 1K. The tuner will need a good ground at the antenna base(feedpoint). Or possibly avoid any half wave lengths of wire to avoid the high impedance.

Dr. Don HC4/W4BWS

On Wed, Jul 8, 2015 at 7:33 AM, m6nae1@... [LDG-auto-tuners] < LDG-auto-tuners@yahoogroups.com> wrote:

>
>
> hello
>
> I am thinking of making a longwire antenna for hf...which balun would be
> best a 4:1 or a 1:1 balun
>
>
> many thanks
>
> neil
>
>
>

7385. Re: [LDG-auto-tuners] new antenna

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-07-09 05:07:39 UTC
From: Alex, W5ALX
Topic: 7382 Message: 7385

None. Put a banana plug on the end of the wire and plug it into the SO-239 for the antenna. The tuner should wring the swr out of it just fine.

73 de W5ALX
Alex Netherton
http://blueridgediscovery.org

Sent from TypeMail

On Jul 8, 2015, 9:35 AM, at 9:35 AM, "m6nae1@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:
>hello
>I am thinking of making a longwire antenna for hf...which balun would
>be best a 4:1 or a 1:1 balun
>
>
> many thanks
> neil

7386. RE: [LDG-auto-tuners] new antenna

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-07-09 12:10:30 UTC
From: Bill Husted
Topic: 7382 Message: 7386

There is an argument for using an impedance transformer with a long wire. So it's not acting as a balun and that can make things confusing since people who use a transformer like this tend to call it (incorrectly) a balun.

Take a look at this website and you'll see what I mean.

http://www.m0ukd.com/homebrew/baluns-and-ununs/91-magnetic-longwire-balun-unun/

So, on this website, the designer calls it a balun. But if you read the comments you'll see what it really is. Semantics aside, using an impedance transformer can be a good move.

Bill KQ4YA

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com]
Sent: Thursday, July 09, 2015 1:08 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] new antenna

None. Put a banana plug on the end of the wire and plug it into the SO-239 for the antenna. The tuner should wring the swr out of it just fine.

73 de W5ALX
Alex Netherton
http://blueridgediscovery.org

Sent from TypeMail <http://www.typeapp.com/r>

On Jul 8, 2015, at 9:35 AM, "m6nae1@... [LDG-auto-tuners] <mailto:m6nae1@...%20[LDG-auto-tuners]> " <LDG-auto-tuners@yahoogroups.com> wrote:

hello

I am thinking of making a longwire antenna for hf...which balun would be best a 4:1 or a 1:1 balun

many thanks

neil

7387. RE: [LDG-auto-tuners] new antenna

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-07-09 13:48:46 UTC
From: Bill Adams
Topic: 7382 Message: 7387

The confusion in this discussion comes from the coincidence of a 9:1 impedance transformation in a balun device (50 ohms : 450 ohms) and a 9:1 turns ratio RF transformer that provides an 81:1 transformation (50 ohms : 4,050 ohms). A half wave wire presents an impedance of 3 to 5 kilohms providing reasonably good matching for the 9:1 turns ratio RF transformer.

Since the LDG Autotuners provide a 10:1 impedance match, a 50 ohm source can be matched to a maximum of 500 ohms or a minimum of 5 ohms. In his FDIM 10 paper examining the inverted L antenna, Cebik suggests a length of 85 to 90 feet as this length presents less than 1000 ohm impedance on most HF bands. Perhaps following that logic, a length can be determined that presents < 500 ohms for direct connection to an ATU.

Bill
AF4B

Sent from Yahoo Mail for iPad (https://yho.com/footer0)

At Jul 9, 2015, 7:10:39 AM, 'Bill Husted' bhusted@bellsouth.net [LDG-auto-tuners] wrote:

There is an argument for using an impedance transformer with a long wire. So it's not acting as a balun and that can make things confusing since people who use a transformer like this tend to call it (incorrectly) a balun.

Take a look at this website and you'll see what I mean.

http://www.m0ukd.com/homebrew/baluns-and-ununs/91-magnetic-longwire-balun-unun/

So, on this website, the designer calls it a balun. But if you read the comments you'll see what it really is. Semantics aside, using an impedance transformer can be a good move.

Bill KQ4YA

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com]
Sent: Thursday, July 09, 2015 1:08 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] new antenna

None. Put a banana plug on the end of the wire and plug it into the SO-239 for the antenna. The tuner should wring the swr out of it just fine.
73 de W5ALX
Alex Netherton
http://blueridgediscovery.org
Sent from TypeMail (http://www.typeapp.com/r)
On Jul 8, 2015, at 9:35 AM, "m6nae1@... [LDG-auto-tuners]"
<LDG-auto-tuners@yahoogroups.com> wrote:

hello
I am thinking of making a longwire antenna for hf...which balun would be best a 4:1 or a

1:1 balun

many thanks
neil

7388. Re: [LDG-auto-tuners] new antenna

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-07-09 13:58:32 UTC
From: Jim Allen
Topic: 7382 Message: 7388

Have a look at the website of AA5TB.com. Steve has put out some very useful info about half wave end fed and matching etc.

73 de W6OGC Jim Allen

Sent from my iPad

> On Jul 9, 2015, at 8:48 AM, Bill Adams w_r_adams1@yahoo.com [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:
>
>
> The confusion in this discussion comes from the coincidence of a 9:1 impedance transformation in a balun device (50 ohms : 450 ohms) and a 9:1 turns ratio RF transformer that provides an 81:1 transformation (50 ohms : 4,050 ohms). A half wave wire presents an impedance of 3 to 5 kilohms providing reasonably good matching for the 9:1 turns ratio RF transformer.
>
> Since the LDG Autotuners provide a 10:1 impedance match, a 50 ohm source can be matched to a maximum of 500 ohms or a minimum of 5 ohms. In his FDIM 10 paper examining the inverted L antenna, Cebik suggests a length of 85 to 90 feet as this length presents less than 1000 ohm impedance on most HF bands. Perhaps following that logic, a length can be determined that presents 500 ohms for direct connection to an ATU.
>
> Bill
> AF4B
>
>
> Sent from Yahoo Mail for iPad
>
> At Jul 9, 2015, 7:10:39 AM, 'Bill Husted' bhusted@bellsouth.net [LDG-auto-tuners] wrote:
> There is an argument for using an impedance transformer with a long wire. So it's not acting as a balun and that can make things confusing since people who use a transformer like this tend to call it (incorrectly) a balun.
>
>
> Take a look at this website and you'll see what I mean.
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>
> http://www.m0ukd.com/homebrew/baluns-and-ununs/91-magnetic-longwire-balun-unun/
>
>
> So, on this website, the designer calls it a balun. But if you read the comments you'll see what it really is. Semantics aside, using an impedance transformer can be a good move.
>
>
> Bill KQ4YA

>
>
> From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com]
> Sent: Thursday, July 09, 2015 1:08 AM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: Re: [LDG-auto-tuners] new antenna
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>
> None. Put a banana plug on the end of the wire and plug it into the SO-239 for the antenna. The tuner should wring the swr out of it just fine.
>
> 73 de W5ALX
> Alex Netherton
> http://blueridgediscovery.org
>
> Sent from TypeMail
>
> On Jul 8, 2015, at 9:35 AM, "m6nae1@....uk [LDG-auto-tuners]" LDG-auto-tuners@yahoogroups.com> wrote:
>
> hello
>
> I am thinking of making a longwire antenna for hf...which balun would be best a 4:1 or a 1:1 balun
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> many thanks
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> neil
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7389. Re: [LDG-auto-tuners] new antenna

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-07-09 14:12:37 UTC
From: Hank Greeb
Topic: 7382 Message: 7389

I sincerely believe that my LDG Z-100 will match considerably greater than 10/1 impedance match. ARRL testing goes up to SWR 16 with a match on 80 through 10 meters.

I've rarely run across an impedance the tuner won't match. This includes weird impedance which cause a 4/1 LDG Balun to overheat @ 100 watts, probably because of too high current. But the LDG Z-100 still makes a match with SWR <2.0.

Note, I don't have an impedance meter, so I use the Edisonian method of adjusting the length of feed line - I find a length which works by trial and error, and then stick with it. This method has worked for some 64 years of hamming, which may be a testament to my incorrigibility or my stupidity, or a tribute to serendipity.

Note 2: From other reviews by ARRL, it appears that the "range" for later versions auto tuners is less than with the Z-100. So, the mention of 10:1 impedance match may be accurate for the models in current production.

72/73 de n8xx Hg
QRP >99.44% of the time

On 7/9/2015 9:48 AM, Bill Adams w_r_adams1@... [LDG-auto-tuners] wrote:
> Since the LDG Autotuners provide a 10:1 impedance match, a 50 ohm
> source can be matched to a maximum of 500 ohms or a minimum of 5 ohms.

7390. Re: [LDG-auto-tuners] new antenna

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-07-09 17:13:42 UTC
From: w_r_adams1@...
Topic: 7382 Message: 7390

Thanks Hank,

Yes I picked up the 10:1 SWR range from an ad, but checking the specs on my old AT100Pro, the HF range is 6 ohms to 1000 ohms, with a 4:1 balun extending the upper range to 4000 ohms. So it would seem that an 85' - 90' wire configured as an inverted L and plugged into my tuner would provide full HF coverage less 60 meters. Gotta try it.

I hope this discussion is helpful to the original post.

73
Bill AF4B

7391. AT-897 keeps blinking while turing on 897D

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-07-17 23:16:18 UTC
From: kuocliao@...
Topic: 7391 Message: 7391

I think this was discussed in previous mails but no further conclusion. It happens to my Yaesu FT-897D and the attaching AT-897 tuner, sometimes the radio turns on and the AT-897 just keeps blinking and could not function, I need to switch off the radio many times and the blinks stops. The radio connects to HRD via data port, not sure if this has something to do on the CAT connection. Any suggestion to close this issue is welcomed!

73s
Kim BX2AEK

7392. Re: AT-897 keeps blinking while turing on 897D

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-07-19 03:32:57 UTC
From: wv8a@...
Topic: 7391 Message: 7392

From the AT-897Plus manual:
"...When the transceiver is turned on, the AT-897Plus powers up [and] checks the connection to the transceiver. If this check fails, the Status LED will blink continuously. Possible causes for failure are an improperly seated CAT cable, a damaged CAT cable, incorrect CAT baud rate setting, or plugging the CAT cable into a radio other than an FT-897 or FT-897D."

Does this happen when the computer (and HRD) are not connected to the AT897's CAT through-port? FT-897 CAT data rate set at 4800?

7393. Re: AT-897 keeps blinking while turing on 897D

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-07-19 14:32:37 UTC
From: kuocliao@...
Topic: 7391 Message: 7393

Thanks for the info., will check the potential causes tomorrow(check without plug in PC to AT-897 port and Baud Rate at 4800). Will update. 73s Kim BX2AEK

7394. Re: AT-897 keeps blinking while turing on 897D

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-07-21 04:16:51 UTC
From: kuocliao@...
Topic: 7391 Message: 7394

Update for the AT-897 blinking issue:

Checked the baud rate-set at 4800, checked the connection of CAT cable, pull out and plug back. However the blinking still remains when turned on. I have ordered a replacement cable CAT- DIN8 from LDG(via HRO) to see if this gets fixed. Any suggestion is welcomed. Could be cable damage?

73s

Kim BX2AEK

7395. FT-3000 and AT-1000ProII

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-07-21 17:54:23 UTC
From: mikehyman@...
Topic: 7395 Message: 7395

Is the FT-3000 compatible with the AT-1000ProII using the interface cable. Seems like I remember reading that it's not somewhere. I realize it will work fine, but just pushing the tune button is a great feature.

Thanks,
Mike
W4OCO

7397. *** NEWS FLASH *** No More Collins Filters!

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-07-26 16:04:25 UTC
From: w4wb@...
Topic: 7397 Message: 7397

They say that Collins will no longer manufacture those wonderful mechanical filters that so many of us

love after the imminent, and limited, final production run. Seems that DSP technology and the

concomitant ever dropping cost has finally doomed these fine Collins products after over 65 years

since their introduction. In case you are not aware, it takes about 12 weeks to manufacture one of

these filters!

Those of you who own the FT-817/ND, FT-857, FT-897/D, FT-1000MP, Field, & Mark V, FT-2000/D, IC-703

(Plus), IC-718, and so on should consider seriously if you don't already have the filters you want, to

go ahead and purchase them while these filters are still available (and the prices have not risen

yet). Collins says that when they are gone, they will be gone forever.

If you want these filters, check with www.w4rt.com, www.gigaparts.com, www.hamradio.com,

www.aesham.com, etc. All of these organizations also offer the dual CW/SSB filter for the FT-817 made

by W4RT Electronics.

As a personal observation, I have used Collins mechanical filters since 1960 and I have never found a

DSP-based filter that produces that special "sound" you get from the Collins filters. They will be

missed, I am sure, by many of us.

73 de Barry W4WB

7398. LDG RT-600?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-07-27 04:41:17 UTC
From: g3rce1@...
Topic: 7398 Message: 7398

Anyone out there using this new remote auto tuner?
73 Rob G3RCE

7400. RE: [LDG-auto-tuners] T-1000 Pro II w/ M-1000 Meter

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-07-27 15:54:29 UTC
From: Thomas Chesek
Topic: 7399 Message: 7400

I had a failure with my AT-1000ProII purchased June 2013 where it wouldn’t tune my 80 meter dipole plus there was a “hot” smell coming from the tuner. Under warranty LDG replaced 2 caps and a bifilar inductor which corrected the 80 meter problem. From new and after the repair this tuner has had an issue tuning 6 meters with two antennas which the internal autotuner in my Yaesu FT-450D will tune (that tuner only matches 3:1 or lower). My LDG Z-11ProII also tunes these antennas easily on 6 meters. I don’t run power on 6 meters and in fact almost never use 6 meters so I never really cared how it performed since I have the other two tuners to fall back on. If I keep punching buttons it seems that at some point the tuner will then tune the 6 meter antennas but I shouldn’t have to coax it that way. Now, in all fairness, I never advised LDG of this issue so I don’t know if it is a design constraint or some component out of whack from new. I hammered this tuner last year in pursuit of the ARRL Centennial WAS Award and other than the issue with 80 meters it has performed well and is still performing well. I wouldn’t hesitate to buy another LDG product.

Tom K3TVC

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com]
Sent: Monday, July 27, 2015 9:28 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] T-1000 Pro II w/ M-1000 Meter

First, I want to say that I am very happy with my older AT-1000 Pro Autotuner. I have had nothing but good luck with this tuner and still use it today.

I purchased a new AT-1000 Pro II with M-1000 meter in November of last year to work with my TS-2000, ALS-600 Amp, and DX Engineering DXE-MBVE-1 43 FT ground radial antenna w/ 4:1 UNUN. Because I already owned an older version and it worked so well, I decided to purchased a newer model, taking the advice of a DX Engineering staff member. The tuner worked great until a few months ago. I t would not manually or auto tune my 43 FT vertical but when replaced with my older AT-1000 Pro, everything worked great. I sent the new tuner in for warranty repair and this is where my troubles really begin.

After waiting a very long time and no way to contact LDG (didn't answer their phone or emails), I vented my frustration in this foru m and several members explained how busy LDG was and that they were a small company. I understand because I once had a small company that kept me very busy reprogramming vehicle's ECUs. A week after my discussion in the forum, I received my repaired AT-1000 Pro II from LDG. The service ticket stated the unit does auto tune but wasn't finding the best matches so Mr. Kincaid realigned and calibrated the SWR circuit.

I installed the repaired AT-1000 Pro II with my TS-2000. I didn't hook up the ALS-600 Amp because Mr. Kincaid made a remark on the repair ticket for me to read the operational manual and that the amp was most likely the cause. This wasn't the case because I had tested the questionable tuner on my other transceivers and various other antennas and it still wouldn't auto or manually tune. My older AT-1000 Pro was installed and worked

perfectly every time.

I am at a crossroad with LDG and their products! This new tuner in not as good as my older one and quite frankly, their warranty service has been less than desirable.

Has anyone else had problems with their new AT-1000 Pro II Autotuner or am I the lucky one who has a new AT-1000 Pro II that doesn't work and can't get LDG to fix it correctly?

Frank

KM4FVI

7401. Re: FT-3000 and AT-1000ProII

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-07-28 21:26:00 UTC
From: ldgyahoo@...
Topic: 7395 Message: 7401

Hello Mike,

We do not have an interface cable for the AT-1000ProII and the FT-3000 at this time. We're testing one now and may have something in a couple of months.

Dwayne Kincaid
LDG

7402. Re: [LDG-auto-tuners] LDG RT-600?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-08-02 16:09:33 UTC
From: Bruce Jarrell
Topic: 7398 Message: 7402

Yes - I bought one. Waited a long time for LDG to develop this remote 600W tuner. It works great BUT with one MAJOR drawback. LDG RT-600 claims to have 2000 memories and that maybe correct, but the RT-600 Autotuner does not retain any of those 2000 settings once the power is removed. This I am informed by LDG Repair is because the RT-600 does not have any latching relays. Minor oversight - but should be included in the advertisement. I was expecting an autotunes with 2000 memory locations to work like every other auto tuner with memories and retain those memory settings for each frequency. Definitely lowered my opinion of LDG on the whole. SO if you are content to RETUNE every time you use this tuner on different frequencies because you removed power from the RT-600 then it works great. I would be hesitant to recommend the RT-600 for this reason. Bruce/NN4BJ

On Monday, July 27, 2015 6:25 AM, "g3rce1@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:

> Anyone out there using this new remote auto tuner?
> 73 Rob G3RCE

7403. Re: [LDG-auto-tuners] LDG RT-600?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-08-02 16:12:44 UTC
From: Jimmy (WB8NBI)
Topic: 7398 Message: 7403

hard to read such a small font!!!

DE Jimmy (WB8NBI)

From: mailto:LDG-auto-tuners@yahoogroups.com
Sent: Sunday, August 2, 2015 12:09 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] LDG RT-600?

Yes - I bought one. Waited a long time for LDG to develop this remote 600W tuner. It works great BUT with one MAJOR drawback. LDG RT-600 claims to have 2000 memories and that maybe correct, but the RT-600 Autotuner does not retain any of those 2000 settings once the power is removed. This I am informed by LDG Repair is because the RT-600 does not have any latching relays. Minor oversight - but should be included in the advertisement. I was expecting an autotunes with 2000 memory locations to work like every other auto tuner with memories and retain those memory settings for each frequency. Definitely lowered my opinion of LDG on the whole. SO if you are content to RETUNE every time you use this tuner on different frequencies because you removed power from the RT-600 then it works great. I would be hesitant to recommend the RT-600 for this reason.

Bruce/NN4BJ

On Monday, July 27, 2015 6:25 AM, "g3rce1@... [LDG-auto-tuners]"
<LDG-auto-tuners@yahoogroups.com> wrote:

Anyone out there using this new remote auto tuner?
73 Rob G3RCE

7404. Re: [LDG-auto-tuners] LDG RT-600?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-08-03 13:38:09 UTC
From: ka5s@...
Topic: 7398 Message: 7404

The manual (I don't have this tuner) says it consumes 7 ma in standby, which suggests an added memory battery could overcome the lack of latching relays for some users.

Cortland KA5S

7405. RE: [LDG-auto-tuners] LDG RT-600?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-08-03 14:04:43 UTC
From: Thomas Chesek
Topic: 7398 Message: 7405

I just jumped in a made a comment without doing any research. I just went to the LDG site and viewed the manual. Unless I missed something in this thread doesn't this excerpt from the manual cover the concerns; "In this manner, the RT-600 "learns" as you use it, adapting to your bands, frequencies and antennas. The RT-600's latching relays hold the tuned configuration indefinitely, even when DC power is completely removed. Tuning memories are stored indefinitely in non-volatile flash memory"?

Tom K3TVC

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com]
Sent: Monday, August 3, 2015 9:38 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] LDG RT-600?

The manual (I don't have this tuner) says it consumes 7 ma in standby, which suggests an added memory battery could overcome the lack of latching relays for some users.

Cortland KA5S

7406. RE: [LDG-auto-tuners] LDG RT-600?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-08-03 13:57:17 UTC
From: Thomas Chesek
Topic: 7398 Message: 7406

Just a comment here…latching relays only maintain the last tuned frequency and possibly make the next frequency tune occur more quickly. It is the memory in the unit that stores the settings. I think that Cortland has a great idea.

Tom K3TVC

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com]
Sent: Monday, August 3, 2015 9:38 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] LDG RT-600?

The manual (I don't have this tuner) says it consumes 7 ma in standby, which suggests an added memory battery could overcome the lack of latching relays for some users.

Cortland KA5S

7407. Re: LDG RT-600?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-08-04 11:37:29 UTC
From: ki4tjy@...
Topic: 7398 Message: 7407

According to the email reply below I received from Dwayne Aug 3rd 5:30PM - the manual must be wrong. I'm still awaiting a response to my original question and service request. It appears to me the remote tuner is not remembering the settings when I return to a previously tuned (i.e. memorized) frequency. I'll try this all again when I get my loop back up in the trees and hopefully the tuner I received back from Service will function properly, even though the tech stated there was nothing wrong with it. Hello,

No, the RT-600 does not have latching relays.

The same freq no tuning is so the tuner does not continually search if no match is found.

Yes, we check the memory first before retuning. Reducing RF power may help tuning from memory.

The tuner will remember settings for frequencies. However, you cannot memory tuner form the same frequency more than one.

Dwayne Kincaid

7408. Re: [LDG-auto-tuners] Re: LDG RT-600?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-08-04 13:22:27 UTC
From: Frank Reckenberg
Topic: 7398 Message: 7408

Interesting!
Frank Frank Reckenberg
KM4FVI

Pikeville, NC USA

On Tuesday, August 4, 2015 7:37 AM, "ki4tjy@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:

> According to the email reply below I received from Dwayne Aug 3rd 5:30PM - the manual must be wrong. I'm still awaiting a response to my original question and service request. It appears to me the remote tuner is not remembering the settings when I return to a previously tuned (i.e. memorized) frequency. I'll try this all again when I get my loop back up in the trees and hopefully the tuner I received back from Service will function properly, even though the tech stated there was nothing wrong with it.
> Hello, No, the RT-600 does not have latching relays. The same freq no tuning is so the tuner does not continually search if no match is found. Yes, we check the memory first before retuning. Reducing RF power may help tuning from memory. The tuner will remember settings for frequencies. However, you cannot memory tuner form the same frequency more than one. Dwayne Kincaid

7409. 1000 P2 Does Not Tune

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-08-09 16:19:19 UTC
From: kdavis24@...
Topic: 7409 Message: 7409

My Tuner has stopped tuning completely. When I transmit in either SSB or AM, none of the LED's will light up. Plus I get no receive on the radio. If I put it in Bypass the receive audio comes back OK. I have a Flex 6300 and the Panadapter verifies the audio issue. When in Bypass I can use the radio's antenna tuner and it works as designed. My question is: by chance is there anything I can do internally on the tuner or is this unit destined for the shop?
73
W0KRD

7410. Z100Plus with Codan 9780 ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-08-09 21:03:44 UTC
From: ei3feb@...
Topic: 7410 Message: 7410

Hi,

Does anyone know if it is it possible to interface a Z100 Plus with a codan 9780 HF transceiver so that the Z100 can be operated from the tune button on the 9780 front panel ?

Thanks
Andrew
EI3FEB

7411. Need a new relay in UK

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-08-10 18:07:01 UTC
From: djconway310@...
Topic: 7411 Message: 7411

Hi
I had someone look at my faulty AT-100 PRO and they found a faulty relay. We cannot seem to find a replacement here in the UK, the details are: FRT3-SL2 DC 9v
Is there an equivalent part number for this relay?

I have emailed LDG in the USA for help but if anyone knows where I can obtain this in the UK I would really appreciate it.

Thanks.

7412. AT-600ProII question

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-08-11 00:17:45 UTC
From: Joe
Topic: 7412 Message: 7412

Hello to all,

The At-600ProII has a semi-automatic and automatic tuning mode. Upon power-up, does it default to one of the settings, or does it stay in the setting that it was in when it was powered down?

Thanks, Joe, k1ike

7413. Re: Need a new relay in UK

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-08-11 09:56:46 UTC
From: colin.dawsonuk@...
Topic: 7411 Message: 7413

DS2E-SL2-DC9V Panasonic Industrial Devices | Mouser http://uk.mouser.com/ProductDetail/Panasonic-Industrial-Devices/DS2E-SL2-DC9V/?qs=sEN%2FkO1EG6ZYx1CqG1GQzQ%3D%3D

http://uk.mouser.com/ProductDetail/Panasonic-Industrial-Devices/DS2E-SL2-DC9V/?qs=sEN%2FkO1EG6ZYx1CqG1GQzQ%3D%3D

DS2E-SL2-DC9V Panasonic Industrial Devices | Mouser http://uk.mouser.com/ProductDetail/Panasonic-Industrial-Devices/DS2E-SL2-DC9V/?qs=sEN%2FkO1EG6ZYx1CqG1GQzQ%3D%3D

View on uk.mouser.com http://uk.mouser.com/ProductDetail/Panasonic-Industrial-Devices/DS2E-SL2-DC9V/?qs=sEN%2FkO1EG6ZYx1CqG1GQzQ%3D%3D
Preview by Yahoo

7414. Re: AT-600ProII question

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-08-11 12:53:00 UTC
From: Robert Biamonte
Topic: 7412 Message: 7414

Greetings,
Mine powers on to where I left it when I shut it off.
73,
Rob W3OMW

"They that can give up essential liberty to obtain a little temporary
safety deserve neither liberty nor safety." Benjamin Franklin

7415. Re: [LDG-auto-tuners] Re: AT-600ProII question

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-08-11 20:03:10 UTC
From: Joe
Topic: 7412 Message: 7415

Thanks for the information, Joe

On 8/11/2015 8:53 AM, Robert Biamonte steamerone@...
[LDG-auto-tuners] wrote:
>
>
> Greetings,
> Mine powers on to where I left it when I shut it off.
> 73,
> Rob W3OMW

7416. Power Ratings

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-08-12 12:18:00 UTC
From: k4pdm@...
Topic: 2861 Message: 7416

I'm considering the AT1000ProII. The manual rates it at 850 watts CW. Does anyone on the list actually run this tuner at 700 to 800 watts CW?

If so, wondering about your experiences.

Thanks & 73,
Paul K4PDM

7417. RE: [LDG-auto-tuners] Power Ratings

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-08-12 14:23:33 UTC
From: Guy Langlois
Topic: 2861 Message: 7417

Hi Paul,

I have an AT-1000ProII and use it with an Ameritron AL-80B. I use CW almost exclusively and have never had a problem. Your mileage may vary though. Prior to the AT-1000ProII, I had an AT-600ProII (using an Ameriton ALS-600) so you can see I am impressed with LDG.

73,
Guy

From: LDG-auto-tuners@yahoogroups.com
To: LDG-auto-tuners@yahoogroups.com
Date: Wed, 12 Aug 2015 05:18:00 -0700
Subject: [LDG-auto-tuners] Power Ratings

I'm considering the AT1000ProII. The manual rates it at 850 watts CW. Does anyone on the list actually run this tuner at 700 to 800 watts CW?

If so, wondering about your experiences.

Thanks & 73,
Paul K4PDM

7418. ALE (Automatic Link Establishment) and the AT-100 PRO II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-08-12 22:51:52 UTC
From: lscoker_it@...
Topic: 7418 Message: 7418

New here so not sure if this has been covered. Has anyone used the AT-100 PRO II for ALE? I use it for both amateur radio and CFARS (similar to MARS in the U.S.). It works fine except I need to be able to get the BYPASS to engage during radio scanning so my rig hears each frequency without the tuner staying set on just one of them. I use a SignaLink USB external sound board for a controller using MARS ALE (hams in the U.S. have to use PC ALE due to their regulations).

I asked LDG and they referred me to this group.

73 de Lawrence VE6LS Calgary Alberta, Canada

7419. Re: [LDG-auto-tuners] ALE (Automatic Link Establishment) and the AT-100 PRO II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-08-12 23:59:15 UTC
From: Don Sanders
Topic: 7418 Message: 7419

I have the PRO 100 and the bypass can be engaged from the front buttons. However, mine will not stay in bypass when it sees a carrier. It goes to auto tune with RF. I looked at installing a power on/off switch but room on the back panel is limited however a small DPDT toggle can be possibly installed for scanning with power off.

Dr. Don HC4/W4BWS

On Wed, Aug 12, 2015 at 5:51 PM, lscoker_it@... [LDG-auto-tuners] < LDG-auto-tuners@yahoogroups.com> wrote:

>
>
> New here so not sure if this has been covered. Has anyone used the AT-100
> PRO II for ALE? I use it for both amateur radio and CFARS (similar to MARS
> in the U.S.). It works fine except I need to be able to get the BYPASS to
> engage during radio scanning so my rig hears each frequency without the
> tuner staying set on just one of them. I use a SignaLink USB external sound
> board for a controller using MARS ALE (hams in the U.S. have to use PC ALE
> due to their regulations).
>
> I asked LDG and they referred me to this group.
>
> 73 de Lawrence VE6LS Calgary Alberta, Canada
>
>
>
>

7420. Radio Tuner Interface System

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-08-13 14:42:49 UTC
From: John Fitch
Topic: 7420 Message: 7420

Hi !
has anyone used the information contained in "LDG ELECTRONICS TUNER INTERFACE" application note on the LDG web site?
If so How did you use it and was it a 100% success?

John G8EWG

7421. Re: [LDG-auto-tuners] ALE (Automatic Link Establishment) and the AT-100 PRO II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-08-13 15:52:09 UTC
From: N2CKH
Topic: 7418 Message: 7421

Hi Lawrence,

Dwayne sent you to the right place.

See:

The RHUG Appendix B .pdf that is distributed with MARS-ALE v3.0 and also see:

http://www.n2ckh.com/MARS_ALE_FORUM/ldg_radio_port_DTR_reed_relay_circuit.jpg

In the MARS-ALE RHUG Appendix B comments on the
LDG PRO series selection for ATU types in the pull down menu it states in part:

"This selection specifically supports LDG PRO
models via the "Radio Interface" port on the rear
of the ATU for placing the ATU into BYPASS during scanning.

The ATU re-enters ACTIVE mode by the application of RF.

It is recommended that an ☐ATU Tune Words☐ setting of 1 be used to generate
the required RF tuning signal to re-enter ACTIVE
mode for ATU memory operation.

The DTR line of the selected serial port is used
to select BYPASS via user provided interfacing
circuitry (see Figure 1. below) where the DTR
line is held high for 100ms. To achieve BYPASS.
The 100ms. Is the default value which can be user
entered via the MIL-STD-188-141 options dialog to
the right of the ATU Comm Port selection (a range of 10..1000ms is accepted).
NOTE: The use of ALE TUNE Words on the ☐188-141
Options dialog set to 2 or 3 is required in
support of this class of ATU models."

So basically just make the circuit and attached
it to a serial port or use a USB to TTL
experimenter board with a DTR line. Then select
the LDG PRO as the ATU type and the serial port
and then you need to enabled CAT ATU on each
channel in your scan group using Channel Modift
where you need the use of the ATU.

/s/ Steve, N2CKH

At 06:51 PM 8/12/2015, you wrote:
>

>
>New here so not sure if this has been covered.
>Has anyone used the AT-100 PRO II for ALE? I use
>it for both amateur radio and CFARS (similar to
>MARS in the U.S.). It works fine except I need
>to be able to get the BYPASS to engage during
>radio scanning so my rig hears each frequency
>without the tuner staying set on just one of
>them. I use a SignaLink USB external sound board
>for a controller using MARS ALE (hams in the
>U.S. have to use PC ALE due to their regulations).
>
>I asked LDG and they referred me to this group.
>
>73 de Lawrence VE6LS Calgary Alberta, Canada
>
>
>

7422. Re: [LDG-auto-tuners] ALE (Automatic Link Establishment) and the AT-100 PRO II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-08-13 16:15:50 UTC
From: N2CKH
Topic: 7418 Message: 7422

Hi Lawrence,

Regarding your comment, HAMs world wide use PC-ALE vs. MARS-ALE and
for free. MARS-ALE is a licensed tool to EMCOM entities directly
supporting Government and Military such as MARS, CFARS, U.K. Cadet
Corps. etc., any NATO country. Also any North American Amateur Radio
EMCOM group can license it as well. There is no cost for MARS-ALE either.

MARS-ALE and PC-ALE are very different being focused on different
user requirements and being completely separate baselines. However,
it is planned that when PC-ALE v2.0 debuts, it will be generated from
the MARS-ALE baseline, with more features in common, such as this ATU
support you have queried and PC-ALE will still be uniquely different
in that some features enabled for it will not be enabled in MARS-ALE
and a host of features enabled in MARS-ALE will not be enabled in PC-ALE.

/s/ Steve, N2CKH

At 06:51 PM 8/12/2015, you wrote:
>
>
>New here so not sure if this has been covered. Has anyone used the
>AT-100 PRO II for ALE? I use it for both amateur radio and CFARS
>(similar to MARS in the U.S.). It works fine except I need to be
>able to get the BYPASS to engage during radio scanning so my rig
>hears each frequency without the tuner staying set on just one of
>them. I use a SignaLink USB external sound board for a controller
>using MARS ALE (hams in the U.S. have to use PC ALE due to their regulations).
>
>I asked LDG and they referred me to this group.
>
>73 de Lawrence VE6LS Calgary Alberta, Canada

7423. Re: [LDG-auto-tuners] ALE (Automatic Link Establishment) and the AT-100 PRO II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-08-16 22:15:31 UTC
From: ldgyahoo@...
Topic: 7418 Message: 7423

Dr. Don,

The AT-100Pro or ProII will tune anytime the SWR is above the set Threshold when in Auto mode. Either increase the Threshold or put the tuner in Semi mode.

If you are getting re-tunes from RF on the DC power supply, add RF chokes to the DC supply to the radio and to the tuner.

Dwayne Kincaid
LDG

7424. Re: [LDG-auto-tuners] ALE (Automatic Link Establishment) and the AT-100 PRO II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-08-16 23:47:35 UTC
From: Don Sanders
Topic: 7418 Message: 7424

Thanks Dwayne. Yes I use the semi mode often. Particularly when driving my SB200 on 40 meters.
The problem I referenced is when I put the PRO100 in bypass and then apply RF it starts to tune.
I will try a isolated DC input.Perhaps then it will stay in bypass.

Dr. Don HC4/W4BWS

On Sun, Aug 16, 2015 at 5:15 PM, ldgyahoo@...
[LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:

>
>
> Dr. Don,
>
>
>
> The AT-100Pro or ProII will tune anytime the SWR is above the set
> Threshold when in Auto mode. Either increase the Threshold or put the tuner
> in Semi mode.
>
>
>
> If you are getting re-tunes from RF on the DC power supply, add RF chokes
> to the DC supply to the radio and to the tuner.
>
>
>
> Dwayne Kincaid
>
> LDG
>
>
>

7425. Re: [LDG-auto-tuners] Radio Tuner Interface System

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-08-18 19:39:05 UTC
From: Alex Netherton
Topic: 7420 Message: 7425

A link to the page would certainly be nice...

73 de W5ALX, Alex Netherton
Buncombe County ARES, Western NC Amateur Radio Society
http://blueridgediscovery.org

On 8/13/2015 10:42 AM, 'John Fitch' jlearwig@... [LDG-auto-tuners]
wrote:
>
> Hi !
> has anyone used the information contained in *"LDG ELECTRONICS TUNER
> INTERFACE" *application note on the LDG web site?
> If so How did you use it and was it a 100% success?
> John G8EWG
>

7426. Re: [LDG-auto-tuners] Radio Tuner Interface System

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-08-18 20:37:34 UTC
From: Joe
Topic: 7420 Message: 7426

http://www.ldgelectronics.com/assets/documents/pdf/AutotunerInterfaceAppNote.pdf

On 8/18/2015 3:39 PM, Alex Netherton w5alx-groups@...
[LDG-auto-tuners] wrote:
>
>
> A link to the page would certainly be nice...
> 7

7427. Re: [LDG-auto-tuners] Radio Tuner Interface System

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-08-18 20:56:13 UTC
From: John Fitch
Topic: 7420 Message: 7427

Oh dear that was a silly ommision on my part !

doucument 'pdf' is on
http://www.ldgelectronics.com/assets/documents/pdf/AutotunerInterfaceAppNote
.pdf

the link is on http://www.ldgelectronics.com/c/269/tech-support-warranty

Apologies
john

7428. Re: 1000 P2 Does Not Tune

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-08-19 21:04:31 UTC
From: jerrywolfer@...
Topic: 7409 Message: 7428

I wonder if you have had any success with it on the 6300?
I just purchased a 6300 and a used AT1000ProII.
My 6300 doesn't have a tuner in it.
The 1000P2 is really not working very well yet with my 6300.
Seems I have SWR sometimes on most all bands of 1.2 or so, but then switching from say 17M to 15M the SWR flipflops. That is one time it is 1:1 on 17M and 1:1.7 on 15M. If I do a manual tune on 15M then it does go to 1:1 but 17M then goes to 1:1.7 ? and Vis versa.
I'm wondering if I should be sending the 1000P2 to LDG?
I emailed support and got a goofy answer.

7429. Re: [LDG-auto-tuners] Re: 1000 P2 Does Not Tune

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-08-20 01:09:02 UTC
From: Alex Netherton
Topic: 7409 Message: 7429

A 1.7:1 is NOTHING to worry about. The antenna tuner is set to hunt out a 1.7:1 or better SWR. Honestly, a 2:1 is not really that bad, though few modern rigs like it, but a 1.7 is not going to get any rig upset, and is nothing to worry about. Long as you are making QSO's, I would not worry. Even with a tuner, a "perfect" 1:1 is almost impossible.

73 de W5ALX EM85ro Buncombe County NC
Alex Netherton
http://blueridgediscovery.org
On 8/19/2015 8:42:10 PM, jerrywolfer@... [LDG-auto-tuners]
<ldg-auto-tuners@yahoogroups.com> wrote:

I wonder if you have had any success with it on the 6300?
I just purchased a 6300 and a used AT1000ProII.
My 6300 doesn't have a tuner in it.
The 1000P2 is really not working very well yet with my 6300.
Seems I have SWR sometimes on most all bands of 1.2 or so, but then switching from say 17M to 15M the SWR flipflops. That is one time it is 1:1 on 17M and 1:1.7 on 15M. If I do a manual tune on 15M then it does go to 1:1 but 17M then goes to 1:1.7 ? and Vis versa.
I'm wondering if I should be sending the 1000P2 to LDG?
I emailed support and got a goofy answer.

7430. Re: Lost tuner RF - AT600 pro II and Icom 7600

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-08-22 07:13:05 UTC
From: toddjpg@...
Topic: 7370 Message: 7430

Thanks Roly, I looked and my rotator does not either. I will give it a try.
73
Todd

7431. 7200 with Z11 Pro II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-08-23 22:14:37 UTC
From: k6whp@...
Topic: 7431 Message: 7431

Wanted to verify that the Z11 Pro II does not seem to work 100% with the IC-7200 while it will function with the IC-706 MKIIg. When hooked up to the 7200 with the stock cable, mine come up with the two middle LEDs lit and not function any further despite the function buttons being pushed. Needless to say, the 7200 TUNE button does not function while the 706 does.

I have two Pro IIs and tested then on both my IC-7200 and mi IC-706 MKIIg. Neither works on the 7200 and both worked on the 706.

Appreciate any help.

Bill, k6whp

7432. Re: 7200 with Z11 Pro II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-08-24 20:34:51 UTC
From: k6whp@...
Topic: 7431 Message: 7432

Let me put this another way: has ANYONE here used a Z11 Pro II with their IC-7200 and have it work as it should? That is, pressing the "TUNE" button on the IC-7200 puts the LDG into the tune sequence?

Thanks in advance.

Bill. k6whp

7433. Re: 7200 with Z11 Pro II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-08-25 10:36:27 UTC
From: Chris WE8ST
Topic: 7431 Message: 7433

Hey Bill,

My last radio was the 7200 and I used the z11 tuner with it. Mine worked no problem, just like you said, by pushing and holding the tune button on the radio until the z11 went into a tuning cycle. In order for it to do that you do need a special cable. I don't remember the item number for it but it is the cable that goes from the 4 pin flat connector that fits into the back of the 7200, to a split tipped deal on the other end. One tip is the power that goes into the back of the z11 and the other is an 1/8" jack that also goes into the back of the z11. You need that cable to power the tuner from the radio and for it to communicate with it. Otherwise pushing the tuner button on the radio won't do anything. If you search for the z11 tuner maybe on HRO and look at the accessories available for it, you should find the cable I'm talking about. Hope that helps.

73, Chris WE8ST

Sent from my iPhone

7434. Re: 7200 with Z11 Pro II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-08-25 16:02:57 UTC
From: k6whp@...
Topic: 7431 Message: 7434

Chris,

Thanks for the response and sincerely appreciate the input; here are some facts:

(1) I have TWO Z11s and TWO sets of cables. (Cables as you described. Commercial; not home-brewed.)

(2) BOTH function correctly on my IC-706 MKIIg. (I even interchanged the cables with the Z11s.)

(3) BOTH function incorrectly on my IC-7200. (Ibidem.)

(4) BOTH malfunctions exhibit identical symptoms:

(a) Plugged into radio.
(b) First Z11 outboard LEDs light up.
(c) After one second (or so) the outboard LEDs go out and the inboard LEDs light up.
(d) The Z11 is "frozen" -- does not respond to button pushes, etc.
(e) Needless to say, the TUNE button on the IC-7200 doe snot function.
(f) When "radio control" plug (the phone plug) is unplugged, the tuner functions manually as designed.

(5) I did a cursory inspection of the cables and found:

(a) Pin 1 of Molex -> Pin 2 tip
(b) Pin 2 of Molex -> Pin 2 ring (+4V to collar or pin 1 outside)
(c) Pin 3 of Molex -> Pin 1 center (+12V to collar or pin 1 outside))
(d) Pin 4 of Molex -> Pin 1 outside (gnd)

Note that the above was only cursory; will go back and confirm.

(6) IC-7200 settings:

(a) PTT TUNE - "ON"
(b) ANT TUNE - "ON"

(7) Leads me to believe it's the IC-7200 -- for some reason. ("Hmmmmm. No fooling?")

(8) Dwayne at LDG could provide only "our IC-7200 had no issues with our Z11" so I also will be researching the LDG Interface Application Note that describes the interface in more detail as well as any data in the nature and behavior of the IC-7200 tuner interface.

Again, appreciate any empirical experiences and insights proffered.

Will report back.

Bill, k6whp

7435. Re: 7200 with Z11 Pro II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-08-25 19:23:16 UTC
From: ldgyahoo@...
Topic: 7431 Message: 7435

I see the problem. (4) (b) should be: Turn on radio. Two reasons. One, if you plugged the tuner into the radio with the radio on, you probably have damaged the radio. Second, the radio only looks for the tuner once when you power on the radio.

Dwayne Kincaid
LDG

7436. Re: 7200 with Z11 Pro II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-08-26 14:55:48 UTC
From: k6whp@...
Topic: 7431 Message: 7436

Dwayne,

Thanks for the input; you may be correct and, if so, it is troubling. (I hope I have not glitched the radio. One would think that Icom would have made the interface tougher than that.) I still get the aforementioned +12V and +5V at the pins described so I am hopeful.

Shamefacedly, I cannot recall plugging the Z11 in and THEN turning on the radio -- although I am sure I must have. I wonder what Steve, the other gentleman who was having similar problems with his LDG tuner has done.

Anyway, thank you for your response; I am studying your app note and the info on the IC-7200 plug and will resolve it somehow.

72,

Bill

7437. Re: FT-3000 and AT-1000ProII

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-08-27 06:36:25 UTC
From: kim2larsen@...
Topic: 7395 Message: 7437

Hi Mike.

Take a look at:

Yaesu_FTdx3000_Users_Group
https://groups.yahoo.com/neo/groups/Yaesu_FTdx3000_Users_Group/conversations/topics/7381

https://groups.yahoo.com/neo/groups/Yaesu_FTdx3000_Users_Group/conversations/topics/7381

Yaesu_FTdx3000_Users_Group
https://groups.yahoo.com/neo/groups/Yaesu_FTdx3000_Users_Group/conversations/topics/7381
CQ CQ CQ NEW! YAESU FTdx-3000 Owners Group!! Yaesu's Newest Rig for 2012 HF/50 MHz 100 W Transceiver, the FTDX3000 has only one receiver, a hig...

View on groups.yahoo.com
https://groups.yahoo.com/neo/groups/Yaesu_FTdx3000_Users_Group/conversations/topics/7381
Preview by Yahoo

The link gets you to a great soloution for FTdx3000 and LDG AT 1000 or 600 Pro II

Regards

Kim / OZ9KL

7438. Re: [LDG-auto-tuners] Re: FT-3000 and AT-1000ProII

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-08-28 03:02:46 UTC
From: Brian Denley
Topic: 7395 Message: 7438

Kim:
Went there didn't see any solution. What am I missing?

Brian
KB1VBF
Sent from my iPad

> On Aug 27, 2015, at 2:36 AM, kim2larsen@... [LDG-auto-tuners]
<LDG-auto-tuners@yahoogroups.com> wrote:
>
> Hi Mike.
>
>
> Take a look at:
>
> Yaesu_FTdx3000_Users_Group
>
> Yaesu_FTdx3000_Users_Group
> CQ CQ CQ NEW! YAESU FTdx-3000 Owners Group!! Yaesu's Newest Rig for 2012 HF/50 MHz 100 W
Transceiver, the FTDX3000 has only one receiver, a hig...
> View on groups.yahoo.com
> Preview by Yahoo
>
>
>
> The link gets you to a great soloution for FTdx3000 and LDG AT 1000 or 600 Pro II
>
> Regards
>
> Kim / OZ9KL
>
>
>

7439. Re: [LDG-auto-tuners] Re: FT-3000 and AT-1000ProII

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-08-28 02:39:06 UTC
From: Alex, W5ALX
Topic: 7395 Message: 7439

"You need to be a member to do this"

73 de W5ALX
Alex Netherton
http://blueridgediscovery.org

Sent from TypeMail

On Aug 27, 2015, 8:47 AM, at 8:47 AM, "kim2larsen@... [LDG-auto-tuners]"
<LDG-auto-tuners@yahoogroups.com> wrote:
>Hi Mike.
>
> Take a look at:
>
>
>Yaesu_FTdx3000_Users_Group
>https://groups.yahoo.com/neo/groups/Yaesu_FTdx3000_Users_Group/conversations/topics/7381
>
>
>https://groups.yahoo.com/neo/groups/Yaesu_FTdx3000_Users_Group/conversations/topics/7381
>
>
>Yaesu_FTdx3000_Users_Group
>https://groups.yahoo.com/neo/groups/Yaesu_FTdx3000_Users_Group/conversations/topics/7381
>CQ CQ CQ NEW! YAESU FTdx-3000 Owners Group!! Yaesu's Newest Rig for
>2012 HF/50 MHz 100 W Transceiver, the FTDX3000 has only one receiver, a
>hig...
>
>
>
>View on groups.yahoo.com
>https://groups.yahoo.com/neo/groups/Yaesu_FTdx3000_Users_Group/conversations/topics/7381
>
> Preview by Yahoo
>
>
>
>
>
>The link gets you to a great soloution for FTdx3000 and LDG AT 1000 or
>600 Pro II
>
>
> Regards
>
>

> Kim / OZ9KL
>
>
>

7440. Re: [LDG-auto-tuners] Re: FT-3000 and AT-1000ProII

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-08-29 04:09:37 UTC
From: Brian Denley
Topic: 7395 Message: 7440

I am a member

Brian
KB1VBF
Sent from my iPad

> On Aug 27, 2015, at 10:39 PM, 'Alex, W5ALX' w5alx-groups@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:
>
> "You need to be a member to do this"
>
> 73 de W5ALX
> Alex Netherton
> http://blueridgediscovery.org
>
> Sent from TypeMail
>
>
>> On Aug 27, 2015, at 8:47 AM, "kim2larsen@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:
>>
>> Hi Mike.
>>
>>
>> Take a look at:
>>
>> Yaesu_FTdx3000_Users_Group
>>
>> Yaesu_FTdx3000_Users_Group
>> CQ CQ CQ NEW! YAESU FTdx-3000 Owners Group!! Yaesu's Newest Rig for 2012 HF/50 MHz 100 W Transceiver, the FTDX3000 has only one receiver, a hig...
>> View on groups.yahoo.com
>> Preview by Yahoo
>>
>>
>>
>> The link gets you to a great soloution for FTdx3000 and LDG AT 1000 or 600 Pro II
>>
>> Regards
>>
>> Kim / OZ9KL
>
>

7441. Re: [LDG-auto-tuners] Re: FT-3000 and AT-1000ProII

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-08-29 04:12:46 UTC
From: Alex, W5ALX
Topic: 7395 Message: 7441

I am not. Is there a way to put the file in the 950 group?

73 de W5ALX
Alex Netherton
http://blueridgediscovery.org

Sent from TypeMail

On Aug 29, 2015, 12:09 AM, at 12:09 AM, "Brian Denley b.denley@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:
>I am a member
>
>Brian
>KB1VBF
>Sent from my iPad
>
>> On Aug 27, 2015, at 10:39 PM, 'Alex, W5ALX' w5alx-groups@...
>[LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:
>>
>> "You need to be a member to do this"
>>
>> 73 de W5ALX
>> Alex Netherton
>> http://blueridgediscovery.org
>>
>> Sent from TypeMail
>>
>>
>>> On Aug 27, 2015, at 8:47 AM, "kim2larsen@...
>[LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:
>>>
>>> Hi Mike.
>>>
>>>
>>> Take a look at:
>>>
>>> Yaesu_FTdx3000_Users_Group
>>>
>>> Yaesu_FTdx3000_Users_Group
>>> CQ CQ CQ NEW! YAESU FTdx-3000 Owners Group!! Yaesu's Newest Rig for
>2012 HF/50 MHz 100 W Transceiver, the FTDX3000 has only one receiver, a
>hig...
>>> View on groups.yahoo.com
>>> Preview by Yahoo
>>>
>>>

>>>
>>> The link gets you to a great soloution for FTdx3000 and LDG AT 1000
>or 600 Pro II
>>>
>>> Regards
>>>
>>> Kim / OZ9KL
>>
>>

7442. Re: [LDG-auto-tuners] Re: FT-3000 and AT-1000ProII

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-08-29 05:00:01 UTC
From: Brian Denley
Topic: 7395 Message: 7442

There wasn't anything to see at that link. I have asked what it was that Kim wanted us to see.

Brian
KB1VBF
Sent from my iPad

> On Aug 29, 2015, at 12:12 AM, 'Alex, W5ALX' w5alx-groups@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:
>
> I am not. Is there a way to put the file in the 950 group?
>
> 73 de W5ALX
> Alex Netherton
> http://blueridgediscovery.org
>
> Sent from TypeMail
>
>
>> On Aug 29, 2015, at 12:09 AM, "Brian Denley b.denley@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:
>>
>> I am a member
>>
>> Brian
>> KB1VBF
>> Sent from my iPad
>>
>> On Aug 27, 2015, at 10:39 PM, 'Alex, W5ALX' w5alx-groups@... [LDG-auto-tuners] < LDG-auto-tuners@yahoogroups.com> wrote:
>>
>>>
>>> "You need to be a member to do this"
>>>
>>> 73 de W5ALX
>>> Alex Netherton
>>> http://blueridgediscovery.org
>>>
>>> Sent from TypeMail
>>>
>>>
>>>> On Aug 27, 2015, at 8:47 AM, " kim2larsen@... [LDG-auto-tuners]" < LDG-auto-tuners@yahoogroups.com> wrote:
>>>>
>>>> Hi Mike.

>>>>
>>>>
>>>> Take a look at:
>>>>
>>>> Yaesu_FTdx3000_Users_Group
>>>>
>>>> Yaesu_FTdx3000_Users_Group
>>>> CQ CQ CQ NEW! YAESU FTdx-3000 Owners Group!! Yaesu's Newest Rig for 2012 HF/50 MHz 100 W Transceiver, the FTDX3000 has only one receiver, a hig...
>>>> View on groups.yahoo.com
>>>> Preview by Yahoo
>>>>
>>>>
>>>>
>>>> The link gets you to a great soloution for FTdx3000 and LDG AT 1000 or 600 Pro II
>>>>
>>>> Regards
>>>>
>>>> Kim / OZ9KL
>
>

7443. New file uploaded to LDG-auto-tuners

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-08-30 05:51:15 UTC
From: LDG-auto-tuners@yahoogroups.com
Topic: 7066 Message: 7443

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the LDG-auto-tuners
group.

File : /FT3000_Amplifier_and_Tuner_Keying.pdf
Uploaded by : algadehome <kim2larsen@...>
Description : FT3000_Amplifier_and_Tuner_Keying

You can access this file at the URL:
https://groups.yahoo.com/neo/groups/LDG-auto-tuners/files/FT3000_Amplifier_and_Tuner_Keying.pdf

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

algadehome <kim2larsen@...>

7444. Re: FT-3000 and AT-1000ProII

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-08-30 05:47:47 UTC
From: kim2larsen@...
Topic: 7395 Message: 7444

Hi All.

Just come back to this group now and see this message. Don't know why the link doesn't work for you, it do for me. But anyway, I'll upload the files and message from FTdx3000 group here in a moment.
Stay tuned :-)

Regards.

Kim

7445. Re: FT-3000 and AT-1000ProII

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-08-30 06:10:55 UTC
From: kim2larsen@...
Topic: 7395 Message: 7445

Hi Mike

Take a look at the three pdf in the files section.

1. -FT3000_Amplifier_and_Tuner_Keying.pdf
2. TunerInterfaceAppNote.pdf
3. MeterProtocol.pdf

On the first pdf only look at the schematic for SW2.

I have made my cable from the tip and ground on a 3,5 mm. minijack to pin 11 and 15 on the linear connector on FTdx3000.

Tip to pin 11 and ground to pin 15.
Remember to change menu 178 to 10 W.

Then when you press the tune button on the LDG tuner, the FTdx3000 send an carrier on 10 watt and initiate a tune cycle. It's working perfectly.

To go futher on, you can buy or build your own USB cable according to the pdf file MeterProtocol.pdf and then control your tuner via. software.

Products LDG Electronics http://www.ldgelectronics.com/c/252/products/19/70/1

http://www.ldgelectronics.com/c/252/products/19/70/1

Products LDG Electronics http://www.ldgelectronics.com/c/252/products/19/70/1 LDG Electronics

View on www.ldgelectronics.com http://www.ldgelectronics.com/c/252/products/19/70/1 Preview by Yahoo

I operate my LDG AT-600 Pro II this way and it's working super.

Regards and 73

OZ9KL / Kim Larsen

7446. Re: [LDG-auto-tuners] Re: FT-3000 and AT-1000ProII

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-08-30 13:08:10 UTC
From: Joe
Topic: 7395 Message: 7446

On 8/30/2015 1:47 AM, kim2larsen@... [LDG-auto-tuners] wrote:
> ....Don't know why the link doesn't work for you, it do for me.

You have to log into YahooGroups to see the FILES section. After I logged in, I saw it just fine.

Joe

7447. Re: 7200 with Z11 Pro II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-08-31 14:35:37 UTC
From: k6whp@...
Topic: 7431 Message: 7447

..well, Dwayne, finally scraped out some time (got slammed at work last week) and boy do I feel the fool! Of course, I missed the obvious at first but when I followed your advice, it worked just fine! It was like an engineer who crawls all over his device performing all the exotic tests and measurements and them while scratching his head, he notices the damn thin is not plugged in to the wall socket.

This, of course, was my case almost literally. (Glad to know also that I did not fry the radio!)

A recommendation to others here (aside from ensuring that you don't overlook the obvious) would be to download and review the write-up on the LDG site re the tuner interface. It provides a good understanding as to what goes on.

Thanks again for the advice and the patience, Dwayne!

72,

Bill, k6whp
---In LDG-auto-tuners@yahoogroups.com, <k6whp@...> wrote :

Dwayne,

Thanks for the input; you may be correct and, if so, it is troubling. (I hope I have not glitched the radio. One would think that Icom would have made the interface tougher than that.) I still get the aforementioned +12V and +5V at the pins described so I am hopeful.

Shamefacedly, I cannot recall plugging the Z11 in and THEN turning on the radio -- although I am sure I must have. I wonder what Steve, the other gentleman who was having similar problems with his LDG tuner has done.

Anyway, thank you for your response; I am studying your app note and the info on the IC-7200 plug and will resolve it somehow.

72,

Bill

7448. AT600PROII Bypass LED

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-09-02 12:04:22 UTC
From: Joe
Topic: 7448 Message: 7448

Is anyone having problems with the Bypass LED not illuminating when the tuner is in the bypass mode? Mine does not seem to work properly.

73, Joe, K1ike

7449. Z11 Pro II not tuning on 40M anymore

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-09-07 14:28:51 UTC
From: ea5125ure@...
Topic: 7449 Message: 7449

Hello,

Its been a rainy couple of weeks and I had my longwire with unun exposed to the elements in a more or less harsh weather, daily. The transformer is 1:9, and the connected enameled copper wire is around 30-40 meters perhaps.

My antenna analyzer is giving me these readings:

FREQ SWR Z
1,800 >10 241
3,700 4.20 14
7,100 7,97 30
10,100 3.82 133
14.100 4.93 66
18,100 3.81 141
21,000 2.60 61
24,900 4.67 17
27,000 2.34 48
29,000 4.35 37
51,000 9.81 241

For 40M I get 7.94 8-j28. The ranges of inductance/capacitance and SWR/impedance are all well within the specs of my tuner. However it is giving up on 40M, after a while (I see the green light flashing up several times and so does the yellow, so at some point it might be getting a <2.0 SWR tune).

I have just checked the unun and it is dry and good as new. It is self-built and I have yet to have toroid saturation problems, or over heating, or water ingress (or egress from condensation).

I am about to test my coax but I doubt it is the issue.

What could be happening? Is it a potential relay problem? Toroids inside the tuner look fine. Unfortunately the relays aren't clear plastic cased, so I cannot see inside. Nothing appears to be wrong.

What makes the tuner 'give up'? Can this be altered in any way? (three left most lights flashing).

I will check the longwire later.

Thanks!
73

7450. Re: [LDG-auto-tuners] Z11 Pro II not tuning on 40M anymore

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-09-07 14:38:46 UTC
From: Joe
Topic: 7449 Message: 7450

On 9/7/2015 10:28 AM, ea5125ure@... [LDG-auto-tuners] wrote:
>
> Its been a rainy couple of weeks and I had my longwire with unun
> exposed to the elements in a more or less harsh weather, daily. The
> transformer is 1:9, and the connected enameled copper wire is around
> 30-40 meters perhaps.
>
Do you have any "Before" readings with your analyzer?

First thoughts are that you have a bad connection, or something is
laying across the antenna wire.

Joe

7452. Z11 Pro II Takes Too Long To Tune

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-09-09 21:35:18 UTC
From: n2lrb@...
Topic: 7452 Message: 7452

I have had the LDG Z11 Pro II for two years now. The good news is that it will work. It will tune an antenna. The bad news is that it takes too long to tune. I use it only for out door portable use. And always attach a 16 foot antennas (wire or whip) to the tuner. I work mostly 20 meters. If the band is good I will also work 17 meters. Never 40 meters.

The Z11 Pro II take 20-30 seconds to tune any antenna. I worry about my finals, even though I tune on low power (5 watts). I have always thought this too long at time to take to tune. My MFJ-993 takes about 7 seconds to tune the same antennas (at home). While my new Elecraft KX3 internal tuner takes 2 seconds flat and will tune any length of antenna that quickly. The Elecraft tuner has me thinking. Why does my Z11 Pro II take so long to tune?

Jose
N2LRB

7453. Re: [LDG-auto-tuners] Z11 Pro II Takes Too Long To Tune

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-09-09 22:48:25 UTC
From: Hank Greeb
Topic: 7452 Message: 7453

My Z-100 takes about 10 to 15 seconds to tune most antennae. On 80 meters at home it takes quite a while, but it's probably because of some weird combination of Resistance and Reactance shown to it by my balun and window line feeders. I could fix that by adjusting the length of the feedline, but I haven't gotten around to it for the past 8 or 9 years.

In the field, I typically use slightly more than 35 to 38 feet of wire, supported by a 31' jackite pole, and a 31' or so counterpoise, either supported on a chain link fence which is at one of my favorite operating places, or on the ground if I'm elsewhere. I've found that 31 feet of wire is a bit too close to 1/2 wavelength on 20 meters, so lengthening out a bit is a big help. I can tune it with the Z-100 on 40/30/20/15/10 meters. If I want to operate 80 meters I need to wrap about 30' of wire on a piece of plastic drain pipe

You didn't say what kind of ground system you are using. I generally use a balanced feeder at home, or counterpoise, as described above when I'm on the trail. But, if convenient, I pound a 3 or 4 foot ground steak into the ground and use that as a 'real' ground,

72/73 de n8xx Hg
QRP >99.44% of the time

On 9/9/2015 5:35 PM, n2lrb@... [LDG-auto-tuners] wrote:
> I have had the LDG Z11 Pro II for two years now. The good news is that
> it will work. It will tune an antenna. The bad news is that it takes
> too long to tune. I use it only for out door portable use. And always
> attach a 16 foot antennas (wire or whip) to the tuner. I work mostly
> 20 meters. If the band is good I will also work 17 meters. Never 40
> meters.
>
> The Z11 Pro II take 20-30 seconds to tune any antenna. I worry about
> my finals, even though I tune on low power (5 watts). I have always
> thought this too long at time to take to tune. My MFJ-993 takes about
> 7 seconds to tune the same antennas (at home). While my new Elecraft
> KX3 internal tuner takes 2 seconds flat and will tune any length of
> antenna that quickly. The Elecraft tuner has me thinking. Why does my
> Z11 Pro II take so long to tune?
>
> Jose
> N2LRB
>
>

7454. Tuning and antennas

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-09-10 00:59:14 UTC
From: Alex Netherton
Topic: 7454 Message: 7454

Hi folks. I am a lover of 20 meters, have been since I got licensed in 1979. Also enjoyed 15 and 10 before WARC, but 20 has always been my workhorse.
The other day I fixed my 20 meter dipole (turns out it was about two feet too short, and also had a short), put on RG-59 (I had RG-8x from Radio Shack, but there was a short somewhere - Tandy Cable is NOT what it used to be!) which I had lying around, hoisted it up, and got a 1.5:1 SWR, which in this Old Timer's opinion, is perfectly acceptable (most of my rigs in the past were tube type). I played around with it, checking it against my 102' doublet (ladder line to the shack, to a 4:1 balun), and found it to be OK, though the doublet, an MFJ-1777, is directive in places. Worked a couple of DX contacts, then saw on DXwatch.com that a J68HZ, St. Lucia, was on 17 meters. My tuner, an LDG-AT600Pro II hates 17 on the doublet , and will not tune it, though tunes everything else just fine, including 6. I switched to the 20 meter antenna, and lo and behold, it tuned the 20 meter antenna to less than 1.2:1!
Being an Old Timer, I was reluctant to use an antenna on a band it was not cut for, but did it anyway.

Now, the antenna is resonant on 20, at about 14.200 or so, on the Advanced/Extra portion of the band. I thought "what the heck" and loaded the SB-200 (yes, it will load up on 17, and also on 12 - probably on 11 if I wanted, which is NOT likely!) to around 500 watts, and called, and BROKE THE PILEUP!!!

My curious mind asks "how did I do that"? How did I use a non resonant antenna through a matcher, through 30 or so feet of coaxial line, and still get a good signal out? I wonder how much I lost in the process?

Oh, St. Lucia was a new country for me!

--
73 de W5ALX, Alex Netherton
Buncombe County ARES, Western NC Amateur Radio Society
http://blueridgediscovery.org

7455. Re: [LDG-auto-tuners] Tuning and antennas

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-09-10 05:13:00 UTC
From: KK2DOG in NY
Topic: 7454 Message: 7455

I'm quite convinced the LDG tuner is a "magic box" that allows me to seamlessly operate 10-160 meters with my Icom IC-706MKIIG, Ameritron AL-500M and my 124' end-fed antenna that's only up 25 feet.

KK2DOG From the REAL upstate NY in grid FN24.

From: "Alex Netherton w5alx-groups@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com>
To: LDG-auto-tuners@yahoogroups.com
Sent: Wednesday, September 9, 2015 8:59 PM
Subject: [LDG-auto-tuners] Tuning and antennas

Hi folks. I am a lover of 20 meters, have been since I got licensed in 1979. Also enjoyed 15 and 10 before WARC, but 20 has always been my workhorse.
The other day I fixed my 20 meter dipole (turns out it was about two feet too short, and also had a short), put on RG-59 (I had RG-8x from Radio Shack, but there was a short somewhere - Tandy Cable is NOT what it used to be!) which I had lying around, hoisted it up, and got a 1.5:1 SWR, which in this Old Timer's opinion, is perfectly acceptable (most of my rigs in the past were tube type). I played around with it, checking it against my 102' doublet (ladder line to the shack, to a 4:1 balun), and found it to be OK, though the doublet, an MFJ-1777, is directive in places. Worked a couple of DX contacts, then saw on DXwatch.com that a J68HZ, St. Lucia, was on 17 meters. My tuner, an LDG-AT600Pro II hates 17 on the doublet , and will not tune it, though tunes everything else just fine, including 6. I switched to the 20 meter antenna, and lo and behold, it tuned the 20 meter antenna to less than 1.2:1!
Being an Old Timer, I was reluctant to use an antenna on a band it was not cut for, but did it anyway.

Now, the antenna is resonant on 20, at about 14.200 or so, on the Advanced/Extra portion of the band. I thought "what the heck" and loaded the SB-200 (yes, it will load up on 17, and also on 12 - probably on 11 if I wanted, which is NOT likely!) to around 500 watts, and called, and BROKE THE PILEUP!!!

My curious mind asks "how did I do that"? How did I use a non resonant antenna through a matcher, through 30 or so feet of coaxial line, and still get a good signal out? I wonder how much I lost in the process?

Oh, St. Lucia was a new country for me!

--
73 de W5ALX, Alex Netherton
Buncombe County ARES, Western NC Amateur Radio Society

http://blueridgediscovery.org

7456. Re: [LDG-auto-tuners] Tuning and antennas

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-09-10 03:47:54 UTC
From: shastrysns
Topic: 7454 Message: 7456

Hi Alex I am very happy to read the mail. I am also using LDG pro 600. Very good information shared. Subu vu2nsl, *** This message has been sent using GIONEE M2 *** On Sep 10, 2015 6:29 AM, "Alex Netherton w5alx-groups@charter.net [LDG-auto-tuners]" wrote: > > > > Hi folks. I am a lover of 20 meters, have been since I got licensed in > 1979. Also enjoyed 15 and 10 before WARC, but 20 has always been my > workhorse. > The other day I fixed my 20 meter dipole (turns out it was about two > feet too short, and also had a short), put on RG-59 (I had RG-8x from > Radio Shack, but there was a short somewhere - Tandy Cable is NOT what > it used to be!) which I had lying around, hoisted it up, and got a 1.5:1 > SWR, which in this Old Timer's opinion, is perfectly acceptable (most > of my rigs in the past were tube type). I played around with it, > checking it against my 102' doublet (ladder line to the shack, to a 4:1 > balun), and found it to be OK, though the doublet, an MFJ-1777, is > directive in places. Worked a couple of DX contacts, then saw on > DXwatch.com that a J68HZ, St. Lucia, was on 17 meters. My tuner, an > LDG-AT600Pro II hates 17 on the doublet , and will not tune it, though > tunes everything else just fine, including 6. I switched to the 20 meter > antenna, and lo and behold, it tuned the 20 meter antenna to less than > 1.2:1! > Being an Old Timer, I was reluctant to use an antenna on a band it was > not cut for, but did it anyway. > > Now, the antenna is resonant on 20, at about 14.200 or so, on the > Advanced/Extra portion of the band. I thought "what the heck" and loaded > the SB-200 (yes, it will load up on 17, and also on 12 - probably on 11 > if I wanted, which is NOT likely!) to around 500 watts, and called, and > BROKE THE PILEUP!!! > > My curious mind asks "how did I do that"? How did I use a non resonant > antenna through a matcher, through 30 or so feet of coaxial line, and > still get a good signal out? I wonder how much I lost in the process? > > Oh, St. Lucia was a new country for me! > > -- > 73 de W5ALX, Alex Netherton > Buncombe County ARES, Western NC Amateur Radio Society > http://blueridgediscovery.org > > > _____ > Posted by: Alex Netherton > _____ > Reply via web post > • > Reply to sender > • > Reply to group > • > Start a New Topic > • >

7458. Outstanding Customer Service

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-09-10 23:07:31 UTC
From: speedy-diesel@...
Topic: 7458 Message: 7458

I have owned many LDG tuners over the years and never had any issues.

I recently purchased a nearly new 817H tuner which works perfect apart from having had something stored on top of it that has scored the top of the case down to the metal. Doesn't bother performance but not nice to look at.

A quick email to Dwayne to check in the availability of spares resulted in the fact that cases are not standard spares but they would have a look around for me to see what could be found.

A couple of weeks later and a box arrived at my home address with a new top case enclosed - FOC !!

This would have been excellent if I was in the States maybe, but it's truly outstanding as I'm in the UK.

Many many thanks Dwayne & LDG outstanding customer care and support

Davy
G1LVH

7459. Re: Lost tuner RF - AT600 pro II and Icom 7600

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-09-12 04:25:33 UTC
From: toddjpg@...
Topic: 7370 Message: 7459

I have improved the ground (three 6 foot ground rods, connected with 1.5 inch copper strap, 8 feet apart). I have used single point grounding in the shack, antenna cables come in the shack into grounded polyphaser lightning protectors (all common ground) and still the same issue. The rig's internal tuner works fine but the at-600 proII still gives me the loss of rf and won't tune.

Today I have sent the unit back to see if there is something wrong with it :(It's a frustrating problem, I'm almost hoping there is something wrong with the unit, because I don't know what to try next other than a manual tuner.

Todd
VE7CKZ

7460. ftdx1200 and at200pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-09-12 08:53:30 UTC
From: john@...
Topic: 7460 Message: 7460

is anyone using the at200pro and ftdx 1200 ,if so which pin do they find the best for tx req from radio ie short to ground to start the tuner?

7461. Re: Outstanding Customer Service

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-09-12 12:48:40 UTC
From: frank.reckenberg@...
Topic: 7458 Message: 7461

I couldn't say the same when my AT1000 Pro II stopped working just after purchase. Best of luck!

Frank

7462. MARS Frequencies

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-09-13 13:23:49 UTC
From: wa3erq@...
Topic: 7462 Message: 7462

Just recently (last 2 days), my AT-200Pro II has had trouble tuning my G5RV for MARS freuqencies. It goes through the sequence and when it stops I still have a high SWR. It has previously for several months, tuned with no problem. I've checked my antenna and there seem to be no problems. I am still able to tune the HAM bands with no issues.

Any suggestions? Is there a way to "clear" the memories to start over?

Thanks and '73

Jim
WA3ERQ

7463. Re: [LDG-auto-tuners] Digest Number 2480

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-09-14 18:18:32 UTC
From: F4FXH
Topic: 7463 Message: 7463

Hello,

I have a AT200PRO too.
Press the "tune" button for a long time to force a tune.

HTH

73,

Nicolas
F4FXH

> Le 14 sept. 2015 à 09:36, LDG-auto-tuners@yahoogroups.com a écrit :
>
> LDG Auto Antenna Tuners & Accessories Group
> 1 Message Digest #2480
> 1 MARS Frequencies by jim_wa3erq
> Message

> 1 MARS Frequencies
> Sun Sep 13, 2015 6:41 am (PDT) . Posted by: jim_wa3erq
>
> Just recently (last 2 days), my AT-200Pro II has had trouble tuning my G5RV for MARS freuqencies. It goes through the sequence and when it stops I still have a high SWR. It has previously for several months, tuned with no problem. I've checked my antenna and there seem to be no problems. I am still able to tune the HAM bands with no issues.
>
>
> Any suggestions? Is there a way to "clear" the memories to start over?
>
>
> Thanks and '73
>
>
> Jim
> WA3ERQ
> Reply to sender . Reply to group . Reply via Web Post . All Messages (1) . Top ^
> VISIT YOUR GROUP New Members 2
> • Privacy • Unsubscribe • Terms of Use

7464. Re: [LDG-auto-tuners] MARS Frequencies

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-09-14 19:50:25 UTC
From: N2CKH
Topic: 7462 Message: 7464

Hi Jim,

There is nothing as far as the ATU itself is concerned that is
different between HAM vs. MARS frequencies.

I would suspect your G5RV has changed in some respect if the channels
for MARS use are the same ones that you have previously used with no
issues tuning.

The G5RV type antenna is not a use on any MF/HF frequency antenna,
there are many spots across the spectrum that you just will not be
able to tune it.

One make of GR5V due to design approach and the arrival of 60 meters
years ago published with the antenna not to attempt use at all on
5Mhz, that was Van Gordan. It was useless for any use across 5Mhz,
could not use it for HAM or my MARS or SHARES needs in the part of
the spectrum or on some other discrete frequencies here and they.

Should you have or can borrow an Antenna Analyzer you can determine
at a quick glance the antenna's current characteristics. If you have
done so in the past and recorded them, you will be able to note any
change. Depending on the physical design, you may need to address
some wear and tear on the antenna. I have had squirrels in the past
nibble on coax as they munched their nuts while resting on my feed
lines back in NJ... hi hi Here in WNC its just ladder line and
radiating wire that I have strung out as coax is a short run to
mounted RF transformers, they don't like perching on either.

/s/ Steve, N2CKH

At 09:23 AM 9/13/2015, you wrote:
>
>
>Just recently (last 2 days), my AT-200Pro II has had trouble tuning
>my G5RV for MARS freuqencies. It goes through the sequence and when
>it stops I still have a high SWR. It has previously for several
>months, tuned with no problem. I've checked my antenna and there
>seem to be no problems. I am still able to tune the HAM bands with no issues.
>
>
>Any suggestions? Is there a way to "clear" the memories to start over?
>
>
>Thanks and '73
>
>

>Jim
>
>WA3ERQ

7465. Re: Z11 Pro II Takes Too Long To Tune

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-09-23 19:45:32 UTC
From: rmckee1957@...
Topic: 7452 Message: 7465

I have the same tuner, and most of the time I can tune my antenna quicker using my old manual MFJ-949 tuner. That's once I have operated a frequency and written down the tuner settings and can refer back to them next time I use that frequency. With the MFJ, I just set it to my logged settings then check and tweak it with low power. I agree that the LDG takes waayyyy too long to tune in most cases. Even my Icom AH-4 and SG-237 autotuners are lightening quick when I use them ! My LDG has been relegated to a backup tuner and occasional field tuner.

7466. Re: Z11 Pro II Takes Too Long To Tune

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-09-23 19:57:26 UTC
From: ldgyahoo@...
Topic: 7452 Message: 7466

Hello,

Your unit should be sent back for service. Once tuned, it should retune in well less than a second.

Also follow the group protocols, sign with your name and/or callsign.

Dwayne Kincaid
LDG

7467. Icom RS-BA1 Software Interface

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-09-23 19:59:20 UTC
From: ldgyahoo@...
Topic: 7467 Message: 7467

Hello All,

Just wanted to send out a feeler to see if anyone is using the Icom RS-BA1 software? This software allows control of an Icom radio over the internet.

I noticed the other day on the Icom page that the software has a mouse clickable Tuner enable button and a Tune button in the radio display. In theory, that would allow you to control the tuner remotely. If it really does work like that, it’s possible that it would also control an Icom external tuner.

Then, reaching even farther, since the radio detects the external tuner on power up and the control software may also control the external tuner, it stands to reason that it would also control any LDG tuner that we have that interfaces to the Icom external tuner port.

Technically, I’m not sure how they would do it since there are no tune commands available in the CI-V protocol. Perhaps the tune control has always been available, but those parts of the protocol were never published.

There is not a ton of info available about this software on the Icom web site, but it says it works with just about any fairly recent Icom radio (7851, 7850, 7700, 7800, 7600, 9100, 7410, 7200 and 7100) and also older ones by using an additional cable (756ProII,III, 746Pro, 7400 and 7000).

If this works like it shows on the user screen, this would solve a ton of problems for those that want to install a remote station using Icom radios.

Dwayne Kincaid
LDG

7468. Re: [LDG-auto-tuners] Re: Z11 Pro II Takes Too Long To Tune

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-09-25 01:17:21 UTC
From: Alex Netherton
Topic: 7452 Message: 7468

I use a LDG AT-100ProII with my Icom IC-7000. It may take a little long (seems like) to tune, but my MFJ-993B takes about as long.
I use a LDG AT-600 Pro II autotuner with a SB-200. If I have EVER tuned up on that frequency before, it tunes right to it. About 1/10 of a second. If not, it has to "hunt".
It is well worth what I spent on it.

I was using a Heath SA-2040 with a balun. I had to:

1. Roll the big roller inductor to the neighborhood.
2. mesh the "ant" cap to the correct place (we hope)
3. tune the "trans" cap to the "dip" on the SWR meter.

Even if I had the settings written down, it could take some time. If not, OMG! It could take a WHILE.

With either LDG, if I have ever been there before, I hear "clung", and it is tuned. If not, it may take from 3 to maybe as much as 10 seconds.

When chasing DX, a few seconds can make a big difference!

73 de W5ALX, Alex Netherton
Buncombe County ARES, Western NC Amateur Radio Society
http://blueridgediscovery.org

On 9/23/2015 3:45 PM, rmckee1957@... [LDG-auto-tuners] wrote:
>
> I have the same tuner, and most of the time I can tune my antenna
> quicker using my old manual MFJ-949 tuner. That's once I have
> operated a frequency and written down the tuner settings and can refer
> back to them next time I use that frequency. With the MFJ, I just set
> it to my logged settings then check and tweak it with low power. I
> agree that the LDG takes waayyyy too long to tune in most cases. Even
> my Icom AH-4 and SG-237 autotuners are lightening quick when I use
> them ! My LDG has been relegated to a backup tuner and occasional
> field tuner.
>
>

7469. LDG YT-847 Autotune.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-09-25 12:25:21 UTC
From: tomdanpete@...
Topic: 7469 Message: 7469

Hi just purchased a LDG YT-847 Autotuner and cannot get it to work with my Yaesu FT 847.
When I press the tune button on the YT i get an ERROR message on the screen.
Also I cannot go into transmit,get the ERROR message and the FT 847 stays in the receive mode.
Any help please.
Peter.

7470. Re: [LDG-auto-tuners] LDG YT-847 Autotune.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-09-25 14:19:33 UTC
From: Art
Topic: 7469 Message: 7470

sounds like your trying to transmit out of band .
73 ,
Art

"tomdanpete@yahoo.co.uk [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:

>HijustpurchasedaLDGYT-847AutotunerandcannotgetittoworkwithmyYaesuFT847.WhenIpressthetunebuttononontheYTigetanERRORmessageonthescreen.AlsoIcannotgointotransmit,gettheERRORmessageandtheFT847staysinthereceivemode.Anyhelpplease.Peter.Postedby:tomdanpete@yahoo.co.ukReplyviawebpostReplytosenderReplytogroupStartaNewTopicMessagesinthistopic(1)VisitYourGroupNewMembers2<ahref="https://groups.yahoo.com/neo;_ylc=X3oDMTJlYmNqcWMyBF9TAzk3NDc2NTkwBGdycElkAzExNzAyNTMzBGdycHNwSWQDMTcwNTA2MzEwOARzZWMD

7471. Re: [LDG-auto-tuners] Re: Z11 Pro II Takes Too Long To Tune

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-09-25 15:44:05 UTC
From: steve.lenaghan@...
Topic: 7452 Message: 7471

I have a AT-100ProII also and operate ALE with the Canadian Military Affiliate and find the tuner doesn't seem to do as good a job of memorizing. I manually go to each channel and force a tune, which should 'memorize' it. When ALE scans and sounds most of the low channels try to retune. The delay caused by retuning means my transmission is usually not heard. The solution is to buy the spiffy computer connected ATU which is no longer available. The other fix is a T2FD similar to our military setups which do not require a tuner.

The attraction of LDG is they operate up to six meters which none of the MFJ units do, and therefor a nice match for my FT897. The tuner the way it is set up is not ALE friendly and others in our team have similar or identical products and have the same frustrations.

We have an upcoming joint exercise with the US, UK and Aus/NZ and will have substantially more frequencies in play than our CFARS/MARS groups. A solution would be appreciated.

Steve VE5SR/VIW406

7472. Re: [LDG-auto-tuners] Re: Z11 Pro II Takes Too Long To Tune

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-09-25 16:09:24 UTC
From: Craig
Topic: 7452 Message: 7472

I know something about how the LDG firmware works and can assure you it does not favor one band vs another regardless if ham or other. I purposely fashioned it to meet all applications, including yours. Is your antenna hi Q (narrow/sensitive tune) at the frequency of use? What frequency are you using?

73, Craig

> On Sep 25, 2015, at 11:44 AM, "steve.lenaghan@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:
>
>
>
> I have a AT-100ProII also and operate ALE with the Canadian Military Affiliate and find the tuner doesn't seem to do as good a job of memorizing. I manually go to each channel and force a tune, which should 'memorize' it. When ALE scans and sounds most of the low channels try to retune. The delay caused by retuning means my transmission is usually not heard. The solution is to buy the spiffy computer connected ATU which is no longer available. The other fix is a T2FD similar to our military setups which do not require a tuner.
>
>
>
> The attraction of LDG is they operate up to six meters which none of the MFJ units do, and therefor a nice match for my FT897. The tuner the way it is set up is not ALE friendly and others in our team have similar or identical products and have the same frustrations.
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> We have an upcoming joint exercise with the US, UK and Aus/NZ and will have substantially more frequencies in play than our CFARS/MARS groups. A solution would be appreciated.
>
>
>
> Steve VE5SR/VIW406
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>

7473. Re: [LDG-auto-tuners] Re: Z11 Pro II Takes Too Long To Tune

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-09-26 15:20:35 UTC
From: steve.lenaghan@...
Topic: 7452 Message: 7473

The antenna is a 135' OCF with 4:1 current balun and oriented away from my house. Our normal frequencies are located near the band edges of the ham bands for 160 through 10 metres. The exercise frequencies will be assigned from a pool of the various countries participating. Unfortunately most of these are classified. On amateur I use the HFN block of frequencies with some bypassed as possible high SWR has been affecting my main computer. The station is well grounded and I am located right beside the city water line for bonding.

73 Steve VE5SR/CIW406

7474. Re: [LDG-auto-tuners] Re: Z11 Pro II Takes Too Long To Tune

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-09-26 20:12:59 UTC
From: Craig
Topic: 7452 Message: 7474

Try tuning in a few areas of the bands of interest so it can learn the antenna more. The memories are closer together the lower the frequency as antennas are typically higher Q at lower frequencies (especially shortened antennas) and are fewer up higher. As I noted before there is no band edge detection, it is a continuous algorithm.

73, Craig

> On Sep 26, 2015, at 11:20 AM, "steve.lenaghan@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:
>
>
>
> The antenna is a 135' OCF with 4:1 current balun and oriented away from my house. Our normal frequencies are located near the band edges of the ham bands for 160 through 10 metres. The exercise frequencies will be assigned from a pool of the various countries participating. Unfortunately most of these are classified. On amateur I use the HFN block of frequencies with some bypassed as possible high SWR has been affecting my main computer. The station is well grounded and I am located right beside the city water line for bonding.
>
>
>
> 73 Steve VE5SR/CIW406
>
>
>
>

7475. AT-600ProII

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-09-27 02:52:07 UTC
From: chipmckcmo@...
Topic: 7475 Message: 7475

I have a 600ProII tuner connected to a Yaesu 897D. Pressing the tune button on the tuner does not begin a tune cycle, no RF error message appears. The red end of the cable is in the ACC jack on the radio and the black end is in the radio jack on the tuner. It appears that either the 897D is not accepting the tune signal from the tuner or the tuner is not sending the tune signal. Is it possible to measure the signal from the tuner at the radio end of the cable with an OHM Meter? I was told that here are no menu changes necessary on the radio for the tuner to operate. By the way, the Y-ACC cable is new and I did check the cable for proper continuity. The only two things left are the tuner or the radio Interface or menu settings.

What do you think?

Chip

7476. Re: AT-600ProII

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-09-27 07:46:17 UTC
From: david.browne7@...
Topic: 7475 Message: 7476

Hi chip
I think you may still have to put the radio in to tx your self as it is a simple cable you have

With that cable I think it makes the radio just give a tone
I may be wrong
Dave 2E0DMB

7477. Re: AT-600ProII

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-09-27 15:47:13 UTC
From: larrylb@...
Topic: 7475 Message: 7477

I too bought the cable for my FT-857D but I haven't tried it yet. nor have I read about anything that needs to be done to the radio.
My belief is with the cable attached when the tune button is pushed
on the Tuner it sends a signal to the radio to go into the AM mode
reduce power and tune the set frequency. I will try mine next week
Hope it works
LARRY KB8EMD

7478. Re: [LDG-auto-tuners] Re: Z11 Pro II Takes Too Long To Tune

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-09-27 15:44:35 UTC
From: steve.lenaghan@...
Topic: 7452 Message: 7478

I can tune up, although not always successfully, inside the ham bands. 14.110 is ok, 14.109 is higher SWR and wants to retune. Obviously as the military frequencies are channelized transmitting on anything other than assignment would get me in hot water.

The OCF is being re-configured to inverted V once a higher mast for the feed point is installed and cable is buried back to the house. I doubt I would consider a remote tuner except for a vertical. I like being able to see the SWR conditions as I operate and I'm not sure how I would know if the remote tuner was re-tuning.

Steve VE5SR/CIW406

7479. Re: [LDG-auto-tuners] Re: Z11 Pro II Takes Too Long To Tune

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-09-27 16:33:13 UTC
From: Craig
Topic: 7452 Message: 7479

I wonder if you have an RF grounding issue. I can't see how a 1kHz change on 20M would make such a difference.

73, Craig

> On Sep 27, 2015, at 11:44 AM, "steve.lenaghan@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:
>
>
>
> I can tune up, although not always successfully, inside the ham bands. 14.110 is ok, 14.109 is higher SWR and wants to retune. Obviously as the military frequencies are channelized transmitting on anything other than assignment would get me in hot water.
>
>
>
> The OCF is being re-configured to inverted V once a higher mast for the feed point is installed and cable is buried back to the house. I doubt I would consider a remote tuner except for a vertical. I like being able to see the SWR conditions as I operate and I'm not sure how I would know if the remote tuner was re-tuning.
>
>
>
> Steve VE5SR/CIW406
>
>
>
>

7480. Re: [LDG-auto-tuners] Re: Z11 Pro II Takes Too Long To Tune

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-09-27 16:40:24 UTC
From: Craig
Topic: 7452 Message: 7480

Another thing to try is reduce the power during tuning. Try 25W or even lower and see if that helps. If it does, it may be an indicator of RF in the shack. If tuning at a lower power works, as a stop-gap measure, turn off the automatic tuning per the user manual and tune at low power until further troubleshooting ultimately solves the problem.

73, Craig

> On Sep 27, 2015, at 11:44 AM, "steve.lenaghan@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:
>
>
>
> I can tune up, although not always successfully, inside the ham bands. 14.110 is ok, 14.109 is higher SWR and wants to retune. Obviously as the military frequencies are channelized transmitting on anything other than assignment would get me in hot water.
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> The OCF is being re-configured to inverted V once a higher mast for the feed point is installed and cable is buried back to the house. I doubt I would consider a remote tuner except for a vertical. I like being able to see the SWR conditions as I operate and I'm not sure how I would know if the remote tuner was re-tuning.
>
>
>
> Steve VE5SR/CIW406
>
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7481. Re: [LDG-auto-tuners] Re: Z11 Pro II Takes Too Long To Tune

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-09-27 17:59:07 UTC
From: Hank Greeb
Topic: 7452 Message: 7481

I generally tune my Z-100 with 3 to 5 watts. Instructions for my Z-100 say to lower power to below 20 watt for tuning, and that it will tune as low as 1 watt, though I find it works best with 3 to 5 watts. Specs for the Z-11 say it may take up to 6 seconds to tune, so if it doesn't tune within 10 seconds or less, there's either RF in the shack (as said below) or something is wrong with the processor or programming thereof. If you can find a dummy load with 300 or 400 ohms resistance, so you'll have a high swr load, try matching the dummy load and see if the tuner works properly. If it does, that would indicate RF in the shack getting into the tuner.

72/73 de n8xx Hg
QRP >99.44% of the time

On 9/27/2015 12:40 PM, Craig cpu_nut@... [LDG-auto-tuners] wrote:
>
>
> Another thing to try is reduce the power during tuning. Try 25W or
> even lower and see if that helps. If it does, it may be an indicator
> of RF in the shack. If tuning at a lower power works, as a stop-gap
> measure, turn off the automatic tuning per the user manual and tune at
> low power until further troubleshooting ultimately solves the problem.
>
> 73, Craig
>
> On Sep 27, 2015, at 11:44 AM, "steve.lenaghan@...
> <mailto:steve.lenaghan@...> [LDG-auto-tuners]"
> <LDG-auto-tuners@yahoogroups.com
> <mailto:LDG-auto-tuners@yahoogroups.com>> wrote:
>
>> I can tune up, although not always successfully, inside the ham
>> bands. 14.110 is ok, 14.109 is higher SWR and wants to retune.
>> Obviously as the military frequencies are channelized transmitting on
>> anything other than assignment would get me in hot water.
>>
>>
>> The OCF is being re-configured to inverted V once a higher mast for
>> the feed point is installed and cable is buried back to the house. I
>> doubt I would consider a remote tuner except for a vertical. I like
>> being able to see the SWR conditions as I operate and I'm not sure
>> how I would know if the remote tuner was re-tuning.
>>
>>
>> Steve VE5SR/CIW406
>>

>
>
>

7482. Re: [LDG-auto-tuners] Re: Z11 Pro II Takes Too Long To Tune

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-09-27 22:35:13 UTC
From: Alex Netherton
Topic: 7452 Message: 7482

The tuning on all LDG tuners is continuous from 160 through 6. My At 600 does not like 17 meters on my 102 foot doublet for some reason, but loads the 20 meter dipole fine!

73 de W5ALX, Alex Netherton
Buncombe County ARES, Western NC Amateur Radio Society
http://blueridgediscovery.org

On 9/27/2015 11:44 AM, steve.lenaghan@... [LDG-auto-tuners] wrote:
>
> I can tune up, although not always successfully, inside the ham bands.
> 14.110 is ok, 14.109 is higher SWR and wants to retune. Obviously as
> the military frequencies are channelized transmitting on anything
> other than assignment would get me in hot water.
>
>
> The OCF is being re-configured to inverted V once a higher mast for
> the feed point is installed and cable is buried back to the house. I
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> being able to see the SWR conditions as I operate and I'm not sure how
> I would know if the remote tuner was re-tuning.
>
>
> Steve VE5SR/CIW406
>
>

7483. Re: AT-600ProII

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-09-27 22:57:27 UTC
From: chipmckcmo@...
Topic: 7475 Message: 7483

Larry, Please let me know when your cable arrives. I would be interested to know if it works as an auto tuner. The radio manual pretty much says that the radio responds with a low level transmit signal while the tuning process is in progress.
Thanks,
Chip (chipmckcmo@aol.com)

7484. Re: AT-600ProII

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-09-27 22:59:44 UTC
From: chipmckcmo@...
Topic: 7475 Message: 7484

Dave, I know that one either tuner or radio manual indicates that it does work. I should know tomorrow. I have a friend bringing his 897 over for us to try.
Chip

7485. Re: AT-600ProII

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-09-27 23:03:58 UTC
From: chipmckcmo@...
Topic: 7475 Message: 7485

Larry, Sorry if I send this twice but I can't tell from the system.

Please let me know if the cable works. I am sure it is supposed to work. I contacted LDG and was a little disappointed by the level of support I received. Tomorrow, I have a friend bringing his 897 over for us to try. I will report the results.
Chip (chipmckcmo@aol.com)

7486. Re: [LDG-auto-tuners] Re: Z11 Pro II Takes Too Long To Tune

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-09-28 14:54:40 UTC
From: steve.lenaghan@...
Topic: 7452 Message: 7486

I've dealt with RF most of my life from almost DC to daylight and proximity to the antenna, good grounding or not causes strange things to happen. A combination of line lengths, antenna placement and weather can have an effect. The station is well grounded.

This is probably not an ideal combination for ALE. Once the tuner is set for a frequency it has a positive influence on receive signal. But considering we are scanning from 2-5 channels per second the tuner is not optimal until it detects RF and switches to the stored setting. The trick is forcing the tuner to go to bypass after returning to scan. The ALE software was designed to work with a serial port (long gone) and I have to figure a way to accommodate a line from a USB adapter as well as the tune line between the FT897 and the AT100. Relay closure time dictates tune of bypass so they should be able to be combined on the same line.

Steve VE5SR/CIW406

7487. Re: [LDG-auto-tuners] Re: Z11 Pro II Takes Too Long To Tune

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-09-28 15:02:51 UTC
From: Craig
Topic: 7452 Message: 7487

There are single ICs that convert USB to RS232 that support the handshake lines. Many cables on Amazon or ebay us this chip that is well supported....

http://www.ftdichip.com/Products/Cables/USBRS232.htm

With the VCP (Virtual Com Port) drivers it shows up as a Com port in device Mgr.

73, Craig

> On Sep 28, 2015, at 10:54 AM, "steve.lenaghan@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:
>
>
>
> I've dealt with RF most of my life from almost DC to daylight and proximity to the antenna, good grounding or not causes strange things to happen. A combination of line lengths, antenna placement and weather can have an effect. The station is well grounded.
>
>
>
> This is probably not an ideal combination for ALE. Once the tuner is set for a frequency it has a positive influence on receive signal. But considering we are scanning from 2-5 channels per second the tuner is not optimal until it detects RF and switches to the stored setting. The trick is forcing the tuner to go to bypass after returning to scan. The ALE software was designed to work with a serial port (long gone) and I have to figure a way to accommodate a line from a USB adapter as well as the tune line between the FT897 and the AT100. Relay closure time dictates tune of bypass so they should be able to be combined on the same line.
>
>
>
> Steve VE5SR/CIW406
>
>
>
>

7488. Re: AT-600ProII

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-09-28 20:22:11 UTC
From: chipmckcmo@...
Topic: 7475 Message: 7488

I have just verified that the issue is the ACC jack on the radio. I tried a second 897 and everything works great. The AT-Pro600II is working fine.

WB0LBZ

7489. Re: AT-600ProII

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-09-28 23:12:41 UTC
From: david.browne7@...
Topic: 7475 Message: 7489

Hi chip,what about the radio acc socket data rate?
Dave 2e0dmb

7490. YT-100 and FT-991

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-10-01 09:09:29 UTC
From: kuocliao@...
Topic: 7490 Message: 7490

Just purchased a Yaesu FT-991 and I have one YT-100 bought several years ago, it was planned to go with the FT-857 but later on the 857 was used for V/U operation. Anyone could advice whether YT-100 can be applied to tune the FT-991, also if feasible what parameters should be set.

Thanks for inputs and 73s

Kim BX2AEK

7491. Yaesu FT-857D and LDG AT-200pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-10-10 11:11:00 UTC
From: larrylb@...
Topic: 7491 Message: 7491

Bought the Y-ACC cable for the Yaesu FT-857D and the LDG AT-200
when I push the "tune" button on the tuner it seems to tune goes into bypass mode
but will not pass any signal from the FT-857D when I transmit.
I have tried AM-CW-SSB none shows on the Tuner as being transmitted
If I turn off everything and wait for a short amount of time I can transmit and the LEDS on the Tuner light like they should. It would be nice if all I had to do was push tune like it says I should be able too.
Anyone have an ideas on what is happening and how do I fix the problem?

Thanks Larry KB8EMD

7492. Re: [LDG-auto-tuners] Yaesu FT-857D and LDG AT-200pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-10-10 12:15:22 UTC
From: Leonard K. Pennock (AD7AS)
Topic: 7491 Message: 7492

Did you install the Y-ACC cable in the correct orientation? It has a specific way it needs to be connected and won't work if reversed.
--
Leonard K. Pennock (AD7AS)

On October 10, 2015 6:11:00 AM CDT, "larrylb@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:
>Bought the Y-ACC cable for the Yaesu FT-857D and the LDG AT-200
>when I push the "tune" button on the tuner it seems to tune goes into
>bypass mode
> but will not pass any signal from the FT-857D when I transmit.
> I have tried AM-CW-SSB none shows on the Tuner as being transmitted
>If I turn off everything and wait for a short amount of time I can
>transmit and the LEDS
>on the Tuner light like they should. It would be nice if all I had to
>do was push tune like
> it says I should be able too.
>Anyone have an ideas on what is happening and how do I fix the problem?
>
>
> Thanks Larry KB8EMD

7493. Re: [LDG-auto-tuners] Yaesu FT-857D and LDG AT-200pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-10-10 18:37:39 UTC
From: larrylb@...
Topic: 7491 Message: 7493

I did I've checked it several times
I read LDGs web site it says pushing tune places radio in CW mode
When I manual tune I have to use AM mode
I'm wondering if placing radio in cw mode is the cause.
Although the Mike wont cause the radio to transmit in CW maybe the tuner doe .
I just don't know because it seems to tune.
Larry

7494. Re: [LDG-auto-tuners] Yaesu FT-857D and LDG AT-200pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-10-10 23:35:51 UTC
From: Brian Denley
Topic: 7491 Message: 7494

Larry:
Pushing TUNE quickly will get you into bypass mode, pushing for more than 1 sec but less than 2.5 seconds does a memory tune. Pushing TUNE for more than 2.5 seconds should force a manual tune. You may have to activate PTT unless the special cable does that for you.

Brian
KB1VBF
Sent from my iPad

> On Oct 10, 2015, at 7:11 AM, larrylb@... [LDG-auto-tuners]
<LDG-auto-tuners@yahoogroups.com> wrote:
>
> Bought the Y-ACC cable for the Yaesu FT-857D and the LDG AT-200
>
> when I push the "tune" button on the tuner it seems to tune goes into bypass mode
>
> but will not pass any signal from the FT-857D when I transmit.
>
> I have tried AM-CW-SSB none shows on the Tuner as being transmitted
>
> If I turn off everything and wait for a short amount of time I can transmit and the LEDS
>
> on the Tuner light like they should. It would be nice if all I had to do was push tune like
>
> it says I should be able too.
>
> Anyone have an ideas on what is happening and how do I fix the problem?
>
>
>
> Thanks Larry KB8EMD
>
>

7495. Re: Yaesu FT-857D and LDG AT-200pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-10-11 02:17:31 UTC
From: larrylb@...
Topic: 7491 Message: 7495

Brian thanks for the tip about tuning

I have used the tuner in the fashion you mention while transmitting in AM mode,

the FT-857D PTT does not transmit in CW mode only AM and maybe other modes as well.

The Y-ACC cable is supose to place the radio in CW mode and tune, which it does seem to tune
but always ends up in BYPASS mode and then it won't pass any form of transmitting mode.

My old FT 757GXII will transmit in cw by using the PTT it also has a transmit button and works well
with the LDG tuner.

I have not tried my Z-100 yet I will try sunday to see if it works, I would like one button tune.

LARRY KB8EMD

7496. Re: [LDG-auto-tuners] Re: Yaesu FT-857D and LDG AT-200pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-10-11 19:49:02 UTC
From: Brian Denley
Topic: 7491 Message: 7496

Larry:
The rig doesn't transmit in CW when you key it? How long are you holding the tuner TUNE button when you try to tune?

Brian
KB1VBF
Sent from my iPad

> On Oct 10, 2015, at 10:17 PM, larrylb@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:
>
> Brian thanks for the tip about tuning
>
>
> I have used the tuner in the fashion you mention while transmitting in AM mode,
>
> the FT-857D PTT does not transmit in CW mode only AM and maybe other modes as well.
>
> The Y-ACC cable is supose to place the radio in CW mode and tune, which it does seem to tune
> but always ends up in BYPASS mode and then it won't pass any form of transmitting mode.
>
> My old FT 757GXII will transmit in cw by using the PTT it also has a transmit button and works well
> with the LDG tuner.
>
> I have not tried my Z-100 yet I will try sunday to see if it works, I would like one button tune.
>
> LARRY KB8EMD
>

7497. Re: [LDG-auto-tuners] Re: Yaesu FT-857D and LDG AT-200pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-10-11 20:22:04 UTC
From: Alex, W5ALX
Topic: 7491 Message: 7497

Yaesu will not transmit a signal in cw mode when keying the mic. You have to have a cw key.

Also, the AT-200 does not interface with the 857; LDG makes a tuner for that rig.

It will auto tune if you set the menu for 10 watts AM. Turn to AM to tune, then go to SSB.
73 de W5ALX
Alex Netherton
http://blueridgediscovery.org

Sent from TypeMail

On Oct 11, 2015, 3:49 PM, at 3:49 PM, "Brian Denley b.denley@... [LDG-auto-tuners]"
<LDG-auto-tuners@yahoogroups.com> wrote:
>Larry:
>The rig doesn't transmit in CW when you key it? How long are you
>holding the tuner TUNE button when you try to tune?
>
>Brian
>KB1VBF
>Sent from my iPad
>
>> On Oct 10, 2015, at 10:17 PM, larrylb@... [LDG-auto-tuners]
><LDG-auto-tuners@yahoogroups.com> wrote:
>>
>> Brian thanks for the tip about tuning
>>
>>
>> I have used the tuner in the fashion you mention while transmitting
>in AM mode,
>>
>> the FT-857D PTT does not transmit in CW mode only AM and maybe other
>modes as well.
>>
>> The Y-ACC cable is supose to place the radio in CW mode and tune,
>which it does seem to tune
>> but always ends up in BYPASS mode and then it won't pass any form of
>transmitting mode.
>>
>> My old FT 757GXII will transmit in cw by using the PTT it also has a
>transmit button and works well
>> with the LDG tuner.
>>
>> I have not tried my Z-100 yet I will try sunday to see if it works, I
>would like one button tune.
>>
>> LARRY KB8EMD

>>

7498. Re: [LDG-auto-tuners] Re: AT-600ProII

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-10-11 20:43:40 UTC
From: Chip McGinnis
Topic: 7475 Message: 7498

There is no mention of that in the manual. I tried times but no luck. I have two 897s one works one does not
On Sep 28, 2015 6:12 PM, "david.browne7@ntlworld.com [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:

>
>
> Hi chip,what about the radio acc socket data rate?
> Dave 2e0dmb
>
>

7499. Re: [LDG-auto-tuners] Re: Yaesu FT-857D and LDG AT-200pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-10-11 21:13:00 UTC
From: Tom Chesek
Topic: 7491 Message: 7499

Alex, the 200 tuner is a generic tuner as is my Z11proII and both use a cable from the rear port marked "radio" and the other end goes to a Yaesu radio if you use or make the appropriate cable. See page 14 of the AT200 tuner at the LDG site. When you press tune on the tuner it puts the 857 into a cw mode and the tuner goes thru a tune cycle. When you release the tune button the 857 reverts to the mode which you have selected. I don't know why you said the AT200 does not interface to the 857.

Tom k3tvc

-------- Original message --------
From: "'Alex, W5ALX' w5alx-groups@charter.net [LDG-auto-tuners]"
<LDG-auto-tuners@yahoogroups.com>
Date: 10/11/2015 4:22 PM (GMT-05:00)
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] Re: Yaesu FT-857D and LDG AT-200pro

Yaesu will not transmit a signal in cw mode when keying the mic. You have to have a cw key.

Also, the AT-200 does not interface with the 857; LDG makes a tuner for that rig.

It will auto tune if you set the menu for 10 watts AM. Turn to AM to tune, then go to SSB.
73 de W5ALX
Alex Netherton
http://blueridgediscovery.org

Sent from TypeMail

On Oct 11, 2015, at 3:49 PM, "Brian Denley b.denley@comcast.net [LDG-auto-tuners]"
<LDG-auto-tuners@yahoogroups.com> wrote:

Larry:
The rig doesn't transmit in CW when you key it? How long are you holding the tuner TUNE button when you try to tune?

Brian
KB1VBF
Sent from my iPad

On Oct 10, 2015, at 10:17 PM, larrylb@sbcglobal.net [LDG-auto-tuners] <
LDG-auto-tuners@yahoogroups.com> wrote:

Brian thanks for the tip about tuning

I have used the tuner in the fashion you mention while transmitting in AM mode,

the FT-857D PTT does not transmit in CW mode only AM and maybe other modes as well.

The Y-ACC cable is supose to place the radio in CW mode and tune, which it does seem to tune
but always ends up in BYPASS mode and then it won't pass any form of transmitting mode.

My old FT 757GXII will transmit in cw by using the PTT it also has a transmit button and works well
with the LDG tuner.

I have not tried my Z-100 yet I will try sunday to see if it works, I would like one button tune.

LARRY KB8EMD

7500. Re: [LDG-auto-tuners] Re: Yaesu FT-857D and LDG AT-200pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-10-11 22:44:53 UTC
From: Jimmy (WB8NBI)
Topic: 7491 Message: 7500

It sure does interface with the 857.

DE Jimmy (WB8NBI)

From: mailto:LDG-auto-tuners@yahoogroups.com
Sent: Sunday, October 11, 2015 4:22 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] Re: Yaesu FT-857D and LDG AT-200pro

Yaesu will not transmit a signal in cw mode when keying the mic. You have to have a cw key.

Also, the AT-200 does not interface with the 857; LDG makes a tuner for that rig.

It will auto tune if you set the menu for 10 watts AM. Turn to AM to tune, then go to SSB.
73 de W5ALX
Alex Netherton
http://blueridgediscovery.org

Sent from TypeMail

On Oct 11, 2015, at 3:49 PM, "Brian Denley b.denley@... [LDG-auto-tuners]"
<LDG-auto-tuners@yahoogroups.com> wrote:

Larry:
The rig doesn't transmit in CW when you key it? How long are you holding the tuner TUNE button when you try to tune?

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On Oct 10, 2015, at 10:17 PM, larrylb@... [LDG-auto-tuners] <
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LARRY KB8EMD

7501. Re: [LDG-auto-tuners] Re: Yaesu FT-857D and LDG AT-200pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-10-11 22:47:21 UTC
From: Jimmy (WB8NBI)
Topic: 7491 Message: 7501

Use the YT-ACC cable to interface the AT-200 to the FT-857.

DE Jimmy (WB8NBI)

From: mailto:LDG-auto-tuners@yahoogroups.com
Sent: Sunday, October 11, 2015 4:22 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] Re: Yaesu FT-857D and LDG AT-200pro

Yaesu will not transmit a signal in cw mode when keying the mic. You have to have a cw key.

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Alex Netherton
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Sent from TypeMail

On Oct 11, 2015, at 3:49 PM, "Brian Denley b.denley@comcast.net [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:

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The rig doesn't transmit in CW when you key it? How long are you holding the tuner TUNE button when you try to tune?

Brian
KB1VBF
Sent from my iPad

On Oct 10, 2015, at 10:17 PM, larrylb@sbcglobal.net [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:

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LARRY KB8EMD

7502. Re: [LDG-auto-tuners] Re: Yaesu FT-857D and LDG AT-200pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-10-11 23:25:55 UTC
From: Leonard K. Pennock (AD7AS)
Topic: 7491 Message: 7502

The Y-ACC cable interfaces the AT200 fine.
--
Leonard K. Pennock (AD7AS)

On October 11, 2015 3:22:04 PM CDT, "'Alex, W5ALX' w5alx-groups@... [LDG-auto-tuners]"
<LDG-auto-tuners@yahoogroups.com> wrote:
>Yaesu will not transmit a signal in cw mode when keying the mic. You
>have to have a cw key.
>
>
>Also, the AT-200 does not interface with the 857; LDG makes a tuner for
>that rig.
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>It will auto tune if you set the menu for 10 watts AM. Turn to AM to
>tune, then go to SSB.
>73 de W5ALX
>Alex Netherton
>http://blueridgediscovery.org
>
>
>Sent from TypeMail
>
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>
>
>
>
>On Oct 11, 2015, 3:49 PM, at 3:49 PM, "Brian Denley
>b.denley@... [LDG-auto-tuners]"
><LDG-auto-tuners@yahoogroups.com> wrote:
>>Larry:
>>The rig doesn't transmit in CW when you key it? How long are you
>>holding the tuner TUNE button when you try to tune?
>>
>>Brian
>>KB1VBF
>>Sent from my iPad
>>
>>> On Oct 10, 2015, at 10:17 PM, larrylb@...
>[LDG-auto-tuners]
>><LDG-auto-tuners@yahoogroups.com> wrote:
>>>
>>> Brian thanks for the tip about tuning
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>>> I have not tried my Z-100 yet I will try sunday to see if it works,
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>>would like one button tune.
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>>> LARRY KB8EMD
>>>

7503. Re: [LDG-auto-tuners] Re: Yaesu FT-857D and LDG AT-200pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-10-12 00:49:46 UTC
From: larrylb@...
Topic: 7491 Message: 7503

You hit the nail on the head when you mentioned holding the tune button for a longer time.
Today I tried both Z100 plus and the At200 pro both worked great as long as I held the tune button just like I do when tuning manually.
The radio went to a lower output and tuned great.
When one understands the how to
things work great.
I hope my not knowing and asking you guys for help
Will help someone else. Thanks
Larry KB8EMD

7504. Re: [LDG-auto-tuners] Re: Yaesu FT-857D and LDG AT-200pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-10-12 00:11:56 UTC
From: Alex Netherton
Topic: 7491 Message: 7504

The tuner does not interface without a cable. If the operator has the cable, he can RTFM and get the data on menu settings for the LDG AT-200, set them, and away he goes.
Unfortunately, my FT-950 will not interface directly with any LDG tuner except the 450 and 1200 tuners. I got a AT-100ProII and used it for a while with no cable interface (I now have an IC-7000 hooked to it). I now run it to an AT-600Pro II autotuner, and it also has no cable interface for the 950.

I do not understand why LDG cannot make a cable interface for their tuners (other than the YT-400 and 1200) that will work with the 950. MFJ makes one that works with their 993B tuner, and my IC-7000 has a short cable that works either the LDG /*or*/ the MFJ.

Yes, the 857 will work with the tuner, but you can't simply tune to CW; it has to have the interface cable which is seen here: http://www.ldgelectronics.com/c/252/products/19/24/1 then you can simply push one button.

With the 950, you have to set it for 10 watts on AM, switch to AM, press PTT, the tuner tunes, then press the SSB, and you are on the air. Takes only a second or two when you get used to it.

73 de W5ALX, Alex Netherton
Buncombe County ARES, Western NC Amateur Radio Society
http://blueridgediscovery.org

On 10/11/2015 5:13 PM, Tom Chesek tchesek@... [LDG-auto-tuners] wrote:
>
> Alex, the 200 tuner is a generic tuner as is my Z11proII and both use
> a cable from the rear port marked "radio" and the other end goes to a
> Yaesu radio if you use or make the appropriate cable. See page 14 of
> the AT200 tuner at the LDG site. When you press tune on the tuner it
> puts the 857 into a cw mode and the tuner goes thru a tune cycle.
> When you release the tune button the 857 reverts to the mode which
> you have selected. I don't know why you said the AT200 does not
> interface to the 857.
>
>
> Tom k3tvc
>
>
>
> -------- Original message --------
> From: "'Alex, W5ALX' w5alx-groups@... [LDG-auto-tuners]"
> <LDG-auto-tuners@yahoogroups.com>

> Date: 10/11/2015 4:22 PM (GMT-05:00)
> To: LDG-auto-tuners@yahoogroups.com
> Subject: Re: [LDG-auto-tuners] Re: Yaesu FT-857D and LDG AT-200pro
>
>
> Yaesu will not transmit a signal in cw mode when keying the mic. You
> have to have a cw key.
>
> Also, the AT-200 does not interface with the 857; LDG makes a tuner
> for that rig.
>
> It will auto tune if you set the menu for 10 watts AM. Turn to AM to
> tune, then go to SSB.
> 73 de W5ALX
> Alex Netherton
> http://blueridgediscovery.org
>
> Sent from TypeMail <http://www.typeapp.com/r>
>
> On Oct 11, 2015, at 3:49 PM, "Brian Denley b.denley@...
> [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com
> <mailto:LDG-auto-tuners@yahoogroups.com>> wrote:
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> Larry:
> The rig doesn't transmit in CW when you key it? How long are you
> holding the tuner TUNE button when you try to tune?
>
> Brian
> KB1VBF
> Sent from my iPad
>
> On Oct 10, 2015, at 10:17 PM, larrylb@...
> <mailto:larrylb@...> [LDG-auto-tuners] <
> LDG-auto-tuners@yahoogroups.com
> <mailto:LDG-auto-tuners@yahoogroups.com>> wrote:
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>> Brian thanks for the tip about tuning
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>> I have used the tuner in the fashion you mention while
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>> other modes as well.
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>> The Y-ACC cable is supose to place the radio in CW mode and tune,
>> which it does seem to tune
>> but always ends up in BYPASS mode and then it won't pass any form
>> of transmitting mode.
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>> My old FT 757GXII will transmit in cw by using the PTT it also
>> has a transmit button and works well
>> with the LDG tuner.
>>
>> I have not tried my Z-100 yet I will try sunday to see if it
>> works, I would like one button tune.
>>
>> LARRY KB8EMD
>
>

7505. interface cable for the Yaesu FT817ND to the LDG Z100+

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-10-12 10:03:58 UTC
From: G8UVE
Topic: 7505 Message: 7505

Does any one know if LDG make a cable to interface the Yaesu FT817ND to the LDG Z100+

Thanks in advance for any help

David (G8UVE)

7506. Re: [LDG-auto-tuners] Re: Yaesu FT-857D and LDG AT-200pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-10-12 11:00:43 UTC
From: Jimmy (WB8NBI)
Topic: 7491 Message: 7506

The FT-950 does not have a TX REQ port to drive the tuner.

DE Jimmy (WB8NBI)

From: mailto:LDG-auto-tuners@yahoogroups.com
Sent: Sunday, October 11, 2015 8:11 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] Re: Yaesu FT-857D and LDG AT-200pro

The tuner does not interface without a cable. If the operator has the cable, he can RTFM and get the data on menu settings for the LDG AT-200, set them, and away he goes. Unfortunately, my FT-950 will not interface directly with any LDG tuner except the 450 and 1200 tuners. I got a AT-100ProII and used it for a while with no cable interface (I now have an IC-7000 hooked to it). I now run it to an AT-600Pro II autotuner, and it also has no cable interface for the 950.

I do not understand why LDG cannot make a cable interface for their tuners (other than the YT-400 and 1200) that will work with the 950. MFJ makes one that works with their 993B tuner, and my IC-7000 has a short cable that works either the LDG or the MFJ.

Yes, the 857 will work with the tuner, but you can't simply tune to CW; it has to have the interface cable which is seen here: http://www.ldgelectronics.com/c/252/products/19/24/1 then you can simply push one button.

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73 de W5ALX, Alex Netherton
Buncombe County ARES, Western NC Amateur Radio Society
http://blueridgediscovery.orgOn 10/11/2015 5:13 PM, Tom Chesek tchesek@...t
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Alex, the 200 tuner is a generic tuner as is my Z11proII and both use a cable from the rear port marked "radio" and the other end goes to a Yaesu radio if you use or make the appropriate cable. See page 14 of the AT200 tuner at the LDG site. When you press tune on the tuner it puts the 857 into a cw mode and the tuner goes thru a tune cycle. When you release the tune button the 857 reverts to the mode which you have selected. I don't know why you said the AT200 does not interface to the 857.

Tom k3tvc

-------- Original message --------
From: "'Alex, W5ALX' w5alx-groups@... [LDG-auto-tuners]"
mailto:LDG-auto-tuners@yahoogroups.com
Date: 10/11/2015 4:22 PM (GMT-05:00)
To: LDG-auto-tuners@yahoogroups.com

Subject: Re: [LDG-auto-tuners] Re: Yaesu FT-857D and LDG AT-200pro

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Also, the AT-200 does not interface with the 857; LDG makes a tuner for that rig.

It will auto tune if you set the menu for 10 watts AM. Turn to AM to tune, then go to SSB.
73 de W5ALX
Alex Netherton
http://blueridgediscovery.org

Sent from TypeMail

On Oct 11, 2015, at 3:49 PM, "Brian Denley b.denley@comcast.net [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:

Larry:
The rig doesn't transmit in CW when you key it? How long are you holding the tuner TUNE button when you try to tune?

Brian
KB1VBF
Sent from my iPad

On Oct 10, 2015, at 10:17 PM, larrylb@sbcglobal.net [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:

Brian thanks for the tip about tuning

I have used the tuner in the fashion you mention while transmitting in AM mode,

the FT-857D PTT does not transmit in CW mode only AM and maybe other modes as well.

The Y-ACC cable is supose to place the radio in CW mode and tune, which it does seem to tune
but always ends up in BYPASS mode and then it won't pass any form of transmitting mode.

My old FT 757GXII will transmit in cw by using the PTT it also has a transmit button and works well
with the LDG tuner.

I have not tried my Z-100 yet I will try sunday to see if it works, I would like one button tune.

LARRY KB8EMD

7507. Re: [LDG-auto-tuners] Re: Yaesu FT-857D and LDG AT-200pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-10-12 12:36:46 UTC
From: Leonard K. Pennock (AD7AS)
Topic: 7491 Message: 7507

actually it does. it is buried in the linear DIN jack.
--
Leonard K. Pennock (AD7AS)

On October 12, 2015 6:00:43 AM CDT, "'Jimmy (WB8NBI)' wb8nbi@... [LDG-auto-tuners]"
<LDG-auto-tuners@yahoogroups.com> wrote:
>The FT-950 does not have a TX REQ port to drive the tuner.
>
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>DE Jimmy (WB8NBI)
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>From: mailto:LDG-auto-tuners@yahoogroups.com
>Sent: Sunday, October 11, 2015 8:11 PM
>To: LDG-auto-tuners@yahoogroups.com
>Subject: Re: [LDG-auto-tuners] Re: Yaesu FT-857D and LDG AT-200pro
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> -------- Original message --------
>From: "'Alex, W5ALX' w5alx-groups@... [LDG-auto-tuners]"
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> Date: 10/11/2015 4:22 PM (GMT-05:00)
> To: LDG-auto-tuners@yahoogroups.com
> Subject: Re: [LDG-auto-tuners] Re: Yaesu FT-857D and LDG AT-200pro
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> http://blueridgediscovery.org
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> Sent from TypeMail
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> Brian

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> LARRY KB8EMD

7508. Re: interface cable for the Yaesu FT817ND to the LDG Z100+

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-10-12 13:23:19 UTC
From: larrylb@...
Topic: 7505 Message: 7508

D's
A
Dave
I have the FT-857D I use a Y-ACC CABLE THAT PLUGS INTO THE ACC port on the radio and into the back of my Z100+ into the radio port.
The cable does not supply voltage I either use batteries or an external power supply.
I did just learn that the way to use the tuner hooked this way I can push the tune button on the tuner and the radio will go into CW mode and transmit at a lower power tune the antenna and switch back to what ever mode and power setting I was using.
When tuning you hold the tune button in just like you were tuning it manual
Since I learned how to do it right it works great.
The Y-ACC cable works with the FT817
LARRY KB8EMD

7509. Re: [LDG-auto-tuners] Re: interface cable for the Yaesu FT817ND to the LDG Z100+

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-10-12 14:41:10 UTC
From: G8UVE
Topic: 7505 Message: 7509

Thanks Larry

The Z100 and the LDG are different connections for the Auto Tune

I've recently acquired a second Z100+ from a silent key sale and was hoping to hook that up to my 817

I know I'll have to sort out different connection cables

At 70++ my soldering skills are not what they used to be ;-((

But thanks

David (G8UVE)
----- Original Message -----
From: "larrylb@... [LDG-auto-tuners]"
<LDG-auto-tuners@yahoogroups.com>
To: <LDG-auto-tuners@yahoogroups.com>
Sent: Monday, October 12, 2015 2:23 PM
Subject: [LDG-auto-tuners] Re: interface cable for the Yaesu FT817ND to the LDG Z100+

> D's
> A
> Dave
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>
> ------------------------------------
> Posted by: larrylb@...
> ------------------------------------
>
>
> ------------------------------------

>
> Yahoo Groups Links
>
>
>

7510. Re: [LDG-auto-tuners] Re: Yaesu FT-857D and LDG AT-200pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-10-12 22:29:27 UTC
From: Alex Netherton
Topic: 7491 Message: 7510

Is this for the 950? If so, I may be able to work my AT-600ProII! Tell
me how?

73 de W5ALX, Alex Netherton
Buncombe County ARES, Western NC Amateur Radio Society
http://blueridgediscovery.org

On 10/12/2015 8:36 AM, 'Leonard K. Pennock (AD7AS)'
leonardpennock@... [LDG-auto-tuners] wrote:
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> actually it does. it is buried in the linear DIN jack.
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> Leonard K. Pennock (AD7AS)
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> On October 12, 2015 6:00:43 AM CDT, "'Jimmy (WB8NBI)'
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> The FT-950 does not have a TX REQ port to drive the tuner.
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> DE Jimmy (WB8NBI)
> *From:* mailto:LDG-auto-tuners@yahoogroups.com
> *Sent:* Sunday, October 11, 2015 8:11 PM
> *To:* LDG-auto-tuners@yahoogroups.com
> <mailto:LDG-auto-tuners@yahoogroups.com>
> *Subject:* Re: [LDG-auto-tuners] Re: Yaesu FT-857D and LDG AT-200pro
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> the cable, he can RTFM and get the data on menu settings for the
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> tuner except the 450 and 1200 tuners. I got a AT-100ProII and used
> it for a while with no cable interface (I now have an IC-7000
> hooked to it). I now run it to an AT-600Pro II autotuner, and it
> also has no cable interface for the 950.
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7511. Re: [LDG-auto-tuners] Re: Yaesu FT-857D and LDG AT-200pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-10-12 22:31:40 UTC
From: Alex Netherton
Topic: 7491 Message: 7511

Actually, it has an external tuner port, and the MFJ tuner thingie uses it. Right now I have a Ameritron ARB-704 attached to it, so I can not use the tuner port. The ARB controls a SB-200.

73 de W5ALX, Alex Netherton
Buncombe County ARES, Western NC Amateur Radio Society
http://blueridgediscovery.org

On 10/12/2015 7:00 AM, 'Jimmy (WB8NBI)' wb8nbi@...
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> Buncombe County ARES, Western NC Amateur Radio Society
> http://blueridgediscovery.org
> On 10/11/2015 5:13 PM, Tom Chesek tchesek@... [LDG-auto-tuners] wrote:
>>
>> Alex, the 200 tuner is a generic tuner as is my Z11proII and both use
>> a cable from the rear port marked "radio" and the other end goes to a
>> Yaesu radio if you use or make the appropriate cable. See page 14 of
>> the AT200 tuner at the LDG site. When you press tune on the tuner it
>> puts the 857 into a cw mode and the tuner goes thru a tune cycle.
>> When you release the tune button the 857 reverts to the mode which
>> you have selected. I don't know why you said the AT200 does not
>> interface to the 857.
>>
>> Tom k3tvc
>>
>>
>>
>> -------- Original message --------
>> From: "'Alex, W5ALX' w5alx-groups@... [LDG-auto-tuners]"
>> mailto:LDG-auto-tuners@yahoogroups.com
>> Date: 10/11/2015 4:22 PM (GMT-05:00)
>> To: LDG-auto-tuners@yahoogroups.com
>> Subject: Re: [LDG-auto-tuners] Re: Yaesu FT-857D and LDG AT-200pro
>>
>>
>> Yaesu will not transmit a signal in cw mode when keying the mic. You
>> have to have a cw key.
>>
>> Also, the AT-200 does not interface with the 857; LDG makes a tuner
>> for that rig.
>>
>> It will auto tune if you set the menu for 10 watts AM. Turn to AM to
>> tune, then go to SSB.
>> 73 de W5ALX
>> Alex Netherton
>> http://blueridgediscovery.org
>>
>> Sent from TypeMail <http://www.typeapp.com/r>
>>
>> On Oct 11, 2015, at 3:49 PM, "Brian Denley b.denley@...
>> [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com
>> <mailto:LDG-auto-tuners@yahoogroups.com>> wrote:
>>
>> Larry:
>> The rig doesn't transmit in CW when you key it? How long are you
>> holding the tuner TUNE button when you try to tune?
>>
>> Brian
>> KB1VBF
>> Sent from my iPad

>>
>> On Oct 10, 2015, at 10:17 PM, larrylb@...
>> [LDG-auto-tuners] < LDG-auto-tuners@yahoogroups.com
>> <mailto:LDG-auto-tuners@yahoogroups.com>> wrote:
>>
>>> Brian thanks for the tip about tuning
>>>
>>> I have used the tuner in the fashion you mention while
>>> transmitting in AM mode,
>>> the FT-857D PTT does not transmit in CW mode only AM and maybe
>>> other modes as well.
>>> The Y-ACC cable is supose to place the radio in CW mode and
>>> tune, which it does seem to tune
>>> but always ends up in BYPASS mode and then it won't pass any
>>> form of transmitting mode.
>>> My old FT 757GXII will transmit in cw by using the PTT it also
>>> has a transmit button and works well
>>> with the LDG tuner.
>>> I have not tried my Z-100 yet I will try sunday to see if it
>>> works, I would like one button tune.
>>> LARRY KB8EMD
>>
>
>

7512. Re: [LDG-auto-tuners] Re: Yaesu FT-857D and LDG AT-200pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-10-13 02:53:12 UTC
From: Leonard K. Pennock (AD7AS)
Topic: 7491 Message: 7512

Pin 10 of linear jack is TX Request In. Pin 2 is TX Gnd.
--
Leonard K. Pennock (AD7AS)

On October 12, 2015 5:29:27 PM CDT, "Alex Netherton w5alx-groups@... [LDG-auto-tuners]"
<LDG-auto-tuners@yahoogroups.com> wrote:
>Is this for the 950? If so, I may be able to work my AT-600ProII! Tell
>me how?
>
>
>73 de W5ALX, Alex Netherton
>Buncombe County ARES, Western NC Amateur Radio Society
>http://blueridgediscovery.org
>
>
>On 10/12/2015 8:36 AM, 'Leonard K. Pennock (AD7AS)'
>leonardpennock@... [LDG-auto-tuners] wrote:
>>
>> actually it does. it is buried in the linear DIN jack.
>> --
>> Leonard K. Pennock (AD7AS)
>>
>> On October 12, 2015 6:00:43 AM CDT, "'Jimmy (WB8NBI)'
>> wb8nbi@... [LDG-auto-tuners]"
>> <LDG-auto-tuners@yahoogroups.com> wrote:
>>
>> The FT-950 does not have a TX REQ port to drive the tuner.
>>
>>
>> DE Jimmy (WB8NBI)
>> *From:* mailto:LDG-auto-tuners@yahoogroups.com
>> *Sent:* Sunday, October 11, 2015 8:11 PM
>> *To:* LDG-auto-tuners@yahoogroups.com
>> <mailto:LDG-auto-tuners@yahoogroups.com>
>> *Subject:* Re: [LDG-auto-tuners] Re: Yaesu FT-857D and LDG
>AT-200pro
>>
>> The tuner does not interface without a cable. If the operator has
>> the cable, he can RTFM and get the data on menu settings for the
>> LDG AT-200, set them, and away he goes.
>> Unfortunately, my FT-950 will not interface directly with any LDG
>> tuner except the 450 and 1200 tuners. I got a AT-100ProII and
>used
>> it for a while with no cable interface (I now have an IC-7000
>> hooked to it). I now run it to an AT-600Pro II autotuner, and it

>> also has no cable interface for the 950.
>>
>> I do not understand why LDG cannot make a cable interface for
>> their tuners (other than the YT-400 and 1200) that will work with
>> the 950. MFJ makes one that works with their 993B tuner, and my
>> IC-7000 has a short cable that works either the LDG /*or*/ the
>MFJ.
>>
>> Yes, the 857 will work with the tuner, but you can't simply tune
>> to CW; it has to have the interface cable which is seen here:
>> http://www.ldgelectronics.com/c/252/products/19/24/1 then you can
>> simply push one button.
>>
>> With the 950, you have to set it for 10 watts on AM, switch to
>AM,
>> press PTT, the tuner tunes, then press the SSB, and you are on
>the
>> air. Takes only a second or two when you get used to it.
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>> 73 de W5ALX, Alex Netherton
>> Buncombe County ARES, Western NC Amateur Radio Society
>> http://blueridgediscovery.org
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>> On 10/11/2015 5:13 PM, Tom Chesek tchesek@...
>> [LDG-auto-tuners] wrote:
>>>
>>> Alex, the 200 tuner is a generic tuner as is my Z11proII and
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>>> use a cable from the rear port marked "radio" and the other end
>>> goes to a Yaesu radio if you use or make the appropriate cable.
>>> See page 14 of the AT200 tuner at the LDG site. When you press
>>> tune on the tuner it puts the 857 into a cw mode and the tuner
>>> goes thru a tune cycle. When you release the tune button the
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>>>
>>> Tom k3tvc
>>>
>>>
>>>
>>> -------- Original message --------
>>> From: "'Alex, W5ALX' w5alx-groups@... [LDG-auto-tuners]"
>>> mailto:LDG-auto-tuners@yahoogroups.com
>>> Date: 10/11/2015 4:22 PM (GMT-05:00)
>>> To: LDG-auto-tuners@yahoogroups.com
>>> Subject: Re: [LDG-auto-tuners] Re: Yaesu FT-857D and LDG
>AT-200pro
>>>

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>>> You have to have a cw key.
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>>> tuner for that rig.
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>>> to tune, then go to SSB.
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>>> http://blueridgediscovery.org
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>>> Sent from TypeMail <http://www.typeapp.com/r>
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>>> On Oct 11, 2015, at 3:49 PM, "Brian Denley b.denley@...
>>> [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com
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>>> On Oct 10, 2015, at 10:17 PM, larrylb@...
>>> [LDG-auto-tuners] < LDG-auto-tuners@yahoogroups.com
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>>>> I have used the tuner in the fashion you mention while
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>>>> but always ends up in BYPASS mode and then it won't pass
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>>>> form of transmitting mode.
>>>> My old FT 757GXII will transmit in cw by using the PTT it
>>>> also has a transmit button and works well
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>>>> I have not tried my Z-100 yet I will try sunday to see if
>it
>>>> works, I would like one button tune.

>>>> LARRY KB8EMD
>>>
>>
>>

7513. Re: [LDG-auto-tuners] Re: Yaesu FT-857D and LDG AT-200pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-10-13 12:02:42 UTC
From: Jimmy (WB8NBI)
Topic: 7491 Message: 7513

Thanks for the info Leonard.

DE Jimmy (WB8NBI)

From: mailto:LDG-auto-tuners@yahoogroups.com
Sent: Monday, October 12, 2015 8:36 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] Re: Yaesu FT-857D and LDG AT-200pro

actually it does. it is buried in the linear DIN jack.
--
Leonard K. Pennock (AD7AS)

On October 12, 2015 6:00:43 AM CDT, "'Jimmy (WB8NBI)' wb8nbi@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:
The FT-950 does not have a TX REQ port to drive the tuner.

DE Jimmy (WB8NBI)

From: mailto:LDG-auto-tuners@...m
Sent: Sunday, October 11, 2015 8:11 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] Re: Yaesu FT-857D and LDG AT-200pro

The tuner does not interface without a cable. If the operator has the cable, he can RTFM and get the data on menu settings for the LDG AT-200, set them, and away he goes. Unfortunately, my FT-950 will not interface directly with any LDG tuner except the 450 and 1200 tuners. I got a AT-100ProII and used it for a while with no cable interface (I now have an IC-7000 hooked to it). I now run it to an AT-600Pro II autotuner, and it also has no cable interface for the 950.

I do not understand why LDG cannot make a cable interface for their tuners (other than the YT-400 and 1200) that will work with the 950. MFJ makes one that works with their 993B tuner, and my IC-7000 has a short cable that works either the LDG or the MFJ.

Yes, the 857 will work with the tuner, but you can't simply tune to CW; it has to have the interface cable which is seen here: http://www.ldgelectronics.com/c/252/products/19/24/1 then you can simply push one button.

With the 950, you have to set it for 10 watts on AM, switch to AM, press PTT, the tuner tunes, then press the SSB, and you are on the air. Takes only a second or two when you get used to it.

73 de W5ALX, Alex Netherton
Buncombe County ARES, Western NC Amateur Radio Society
http://blueridgediscovery.orgOn 10/11/2015 5:13 PM, Tom Chesek tchesek@...
[LDG-auto-tuners] wrote:

Alex, the 200 tuner is a generic tuner as is my Z11proII and both use a cable from the rear port marked "radio" and the other end goes to a Yaesu radio if you use or make the appropriate cable. See page 14 of the AT200 tuner at the LDG site. When you press tune on the tuner it puts the 857 into a cw mode and the tuner goes thru a tune cycle. When you release the tune button the 857 reverts to the mode which you have selected. I don't know why you said the AT200 does not interface to the 857.

Tom k3tvc

-------- Original message --------
From: "'Alex, W5ALX' w5alx-groups@... [LDG-auto-tuners]"
mailto:LDG-auto-tuners@yahoogroups.com
Date: 10/11/2015 4:22 PM (GMT-05:00)
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] Re: Yaesu FT-857D and LDG AT-200pro

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Also, the AT-200 does not interface with the 857; LDG makes a tuner for that rig.

It will auto tune if you set the menu for 10 watts AM. Turn to AM to tune, then go to SSB.
73 de W5ALX
Alex Netherton
http://blueridgediscovery.org

Sent from TypeMail

On Oct 11, 2015, at 3:49 PM, "Brian Denley b.denley@comcast.net [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:

Larry:
The rig doesn't transmit in CW when you key it? How long are you holding the tuner TUNE button when you try to tune?

Brian
KB1VBF
Sent from my iPad

On Oct 10, 2015, at 10:17 PM, larrylb@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:

Brian thanks for the tip about tuning

I have used the tuner in the fashion you mention while transmitting in AM mode,

the FT-857D PTT does not transmit in CW mode only AM and maybe other modes as well.

The Y-ACC cable is supose to place the radio in CW mode and tune, which it does seem to tune
but always ends up in BYPASS mode and then it won't pass any form of transmitting mode.

My old FT 757GXII will transmit in cw by using the PTT it also has a transmit button and works well
with the LDG tuner.

I have not tried my Z-100 yet I will try sunday to see if it works, I would like one button tune.

LARRY KB8EMD

7514. Who Has Experience with the RT-600 Remote Tuner?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-10-14 18:13:17 UTC
From: ingerassociates@...
Topic: 7514 Message: 7514

I haven't seen much discussion of the RT-600 on this site. I would be interested in peoples' observations and experiences. There was some talk recently that the relays are non-latching; it was never clear to my whether this is accurate or not. There have been several (but not a lot) of reviews on eHam, but I always take these with a huge grain of salt!

More generally, I am interested in reliability and consistent performance. I would use the RT-600 at the base of a 43-ft. vertical. Current "street" prices for the RT-600 are around $400.

Another interesting tuner is the Stockcorner JC-4 from the Netherlands. The website pictures show this tuner to be built like a precision instrument. At current exchange rates the price in excess of $600 plus international shipping. My first choice is always to deal with a company based in the U.S. in case there are any warranty or service issues.

Anyway, your observations would be greatly appreciated.

73 de K6SBA
David in Santa Barbara, CA

7515. Re: [LDG-auto-tuners] Who Has Experience with the RT-600 Remote Tuner?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-10-14 19:15:23 UTC
From: Alex Netherton
Topic: 7514 Message: 7515

Well, I use the AT-600ProII with a balun for my 102' doublet, and for a 20 meter dipole, and for tuning my Eagle One with 20 feet of coax. It works well. I seem to have good signals on most bands; in fact, I used the 20 meter dipole on 17 once to make a DX contact, and was pleasantly surprised.

As for latching relays, http://www.ldgelectronics.com/c/252/products/20/73/2 says they are high powered non-latching. *HOWEVER*, you are feeding the thing with DC over the coax, right? It should be powered all the time, so all it takes if you have a memory set, as in you have tuned to that frequency before, is to simply transmit, and it will go "clunk" and you are set. Memory tune time is .1 second, so just key the rig, and go.

Latching relays sound good, but are for use when you are on a frequency, turn everything off, and go back to the rig, turn to the same frequency, and start again. If you change frequency, a latching relay can be a problem.

I suspect my AT-600 is about the same thing in a different box. If powered on, it tunes in about a tenth of a second if it has a memory, and about 4 or 5 if not. If it has no power (or is turned off), it is bypassed. The RT-600 is likely about the same thing. The manual can be found at http://www.ldgelectronics.com/assets/manuals/RT600Manual.pdf

73 de W5ALX, Alex Netherton
Buncombe County ARES, Western NC Amateur Radio Society
http://blueridgediscovery.org

On 10/14/2015 2:13 PM, ingerassociates@... [LDG-auto-tuners] wrote:
>
> I haven't seen much discussion of the RT-600 on this site. I would be
> interested in peoples' observations and experiences. There was some
> talk recently that the relays are non-latching; it was never clear to
> my whether this is accurate or not. There have been several (but not
> a lot) of reviews on eHam, but I always take these with a huge grain
> of salt!
>
>
> More generally, I am interested in reliability and consistent
> performance. I would use the RT-600 at the base of a 43-ft.
> vertical. Current "street" prices for the RT-600 are around $400.
>
>
> Another interesting tuner is the Stockcorner JC-4 from the
> Netherlands. The website pictures show this tuner to be built like a

> precision instrument. At current exchange rates the price in excess
> of $600 plus international shipping. My first choice is always to
> deal with a company based in the U.S. in case there are any warranty
> or service issues.
>
>
> Anyway, your observations would be greatly appreciated.
>
>
> 73 de K6SBA
>
> David in Santa Barbara, CA
>
>

7516. Re: Z11 Pro II Takes Too Long To Tune

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-10-15 13:55:00 UTC
From: rmckee1957@...
Topic: 7452 Message: 7516

Hello Dwayne.

Sorry about not signing my post, most forums I frequent automatically does that for me so please forgive.

Now, I think I have found the root of my problem with my Z11 Pro 2 retuning all the time. I have been using it with my Icom 706 Mk2 with the interface cable so that the radio controls the tuner. The problem is that I had the radio set to PTT tune for use with the Icom AH-4 so that it woul activate the tuner when I keyed the mic. That doesn't work well with the LDG tuner as it gets confused when it gets a tune command every time you key the mic of key the paddle in CW. Anyway, if you guys are using the LDG tuners with an Icom rig, disable the PTT tune so you don't confuse the radio. Right now I have the interface cable disconnected right now but did disable PTT tune and will try that with the cable installed this evening in hopes that cures the problem'

73 - kc8aon

Hello,

Your unit should be sent back for service. Once tuned, it should retune in well less than a second.

Also follow the group protocols, sign with your name and/or callsign.

Dwayne Kincaid
LDG

7517. Re: [LDG-auto-tuners] Re: Z11 Pro II Takes Too Long To Tune

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-10-15 22:06:16 UTC
From: Jimmy (WB8NBI)
Topic: 7452 Message: 7517

Why would you want to tune every time you key the mic? Once tuned it should stay tuned, Unless you change frequencies every time you key the mic.

DE Jimmy (WB8NBI)

From: mailto:LDG-auto-tuners@yahoogroups.com
Sent: Thursday, October 15, 2015 9:55 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: Z11 Pro II Takes Too Long To Tune

Hello Dwayne.

Sorry about not signing my post, most forums I frequent automatically does that for me so please forgive.

Now, I think I have found the root of my problem with my Z11 Pro 2 retuning all the time. I have been using it with my Icom 706 Mk2 with the interface cable so that the radio controls the tuner. The problem is that I had the radio set to PTT tune for use with the Icom AH-4 so that it woul activate the tuner when I keyed the mic. That doesn't work well with the LDG tuner as it gets confused when it gets a tune command every time you key the mic of key the paddle in CW. Anyway, if you guys are using the LDG tuners with an Icom rig, disable the PTT tune so you don't confuse the radio. Right now I have the interface cable disconnected right now but did disable PTT tune and will try that with the cable installed this evening in hopes that cures the problem'

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Hello,

Your unit should be sent back for service. Once tuned, it should retune in well less than a second.

Also follow the group protocols, sign with your name and/or callsign.

Dwayne Kincaid
LDG

7518. Re: [LDG-auto-tuners] Re: Z11 Pro II Takes Too Long To Tune

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-10-16 11:26:39 UTC
From: rmckee1957@...
Topic: 7452 Message: 7518

Why would you want to tune every time you key the mic? Once tuned it should stay tuned, Unless you change frequencies every time you key the mic. <snip>

The way the Icom AH-4 tuner is setup it looks for a match when you first key up and if needed it activates the tuner to provide a match. You just key up and go, but with the LDG tuner it takes off tuning every time if you have it set that way. With the Icom tuner it only tunes on key up if needed and works flawless and is very handy when changing bands or frequency as all you need to do is key the mike or paddle. The LDG tuner just gets confused and tries to tune every time. So now I have it set so that the only time it tunes is when I push the tune button on the radio or the tune button on the tuner. With the Icom tuner and PTT tune all I have to do when changing bands is to key up and start talking and it memory tuner fully automatically in a blink of an eye and I have just grown to expect it to work that way - never even gave it a thought with the LDG until I used the LDG with another radio that doesn't use the interface cable and had to provide some RF to activate it and that's when I noticed that it stayed tuned after the first time and tried it with the Icome radio and viola, it worked !

73 de kc8aon

7519. Re: [LDG-auto-tuners] Re: Z11 Pro II Takes Too Long To Tune

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-10-16 12:50:02 UTC
From: Leonard K. Pennock (AD7AS)
Topic: 7452 Message: 7519

z11pro in auto mode will tune with first RF. Set it to auto and start talking. Sice it is not tied into the band switching of the radio it has know way to know you changed bands until you actually provide RF. This is the difference between a universal and a propritary tuner.
--
Leonard K. Pennock (AD7AS)

On October 16, 2015 4:26:39 AM MST, "rmckee1957@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:
>Why would you want to tune every time you key the mic? Once tuned it
>should stay tuned, Unless you change frequencies every time you key the
>mic. <snip>
>
>The way the Icom AH-4 tuner is setup it looks for a match when you
>first key up and if needed it activates the tuner to provide a match.
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>changing bands or frequency as all you need to do is key the mike or
>paddle. The LDG tuner just gets confused and tries to tune every time.
>So now I have it set so that the only time it tunes is when I push the
>tune button on the radio or the tune button on the tuner. With the
>Icom tuner and PTT tune all I have to do when changing bands is to key
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>of an eye and I have just grown to expect it to work that way - never
>even gave it a thought with the LDG until I used the LDG with another
>radio that doesn't use the interface cable and had to provide some RF
>to activate it and that's when I noticed that it stayed tuned after the
>first time and tried it with the Icome radio and viola, it worked !
>
> 73 de kc8aon

7520. Re: [LDG-auto-tuners] Re: Z11 Pro II Takes Too Long To Tune

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-10-16 16:36:02 UTC
From: rmckee1957@...
Topic: 7452 Message: 7520

z11pro in auto mode will tune with first RF. Set it to auto and start talking. Sice it is not tied into the band switching of the radio it has know way to know you changed bands until you actually provide RF. <snip>

Oh but it is tied to the radio through the interface cable but I think all it does is to switch the radio automatically to cw mode and reduce power to 10 watts - I don't think the tuner gets any band info from the radio through the cable.

73 - kc8aon

7521. Re: [LDG-auto-tuners] Re: Z11 Pro II Takes Too Long To Tune

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-10-16 18:01:14 UTC
From: Leonard K. Pennock
Topic: 7452 Message: 7521

Correct the cable only allows the tuner to kick the radio into tune. It is the exact same function when the tuner is used on Icom, Yaesu or Kenwood. Just the cable changes to mate up with the different radios.

It also doesn't do anything to set the radio to 10W. That is up to the radio. It actually relies on the fold back circuit in the radio to protect the radio.

Leonard K. Pennock
AD7AS

Those who walk bravely through life, unafraid of loss or failure, find that they very rarely lose or fail.

On 10/16/2015 09:36 AM, rmckee1957@... [LDG-auto-tuners] wrote:
>
>
> z11pro in auto mode will tune with first RF. Set it to auto and start
> talking. Sice it is not tied into the band switching of the radio it has
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> power to 10 watts - I don't think the tuner gets any band info from the
> radio through the cable.
>
> 73 - kc8aon
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>
>
>

7522. Re: [LDG-auto-tuners] Re: Z11 Pro II Takes Too Long To Tune

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-10-16 20:17:16 UTC
From: rmckee1957@...
Topic: 7452 Message: 7522

It also doesn't do anything to set the radio to 10W. That is up to the radio. It actually relies on the fold back circuit in the radio to protect the radio. <snip>

Actually the Icom radio doesn't use the fold back circuit when in tune mode, it actuals changes to cw and drops the power back to 10 watts which I like real well. Also, with the Icom AH-4 tuner there is a resistive bridge that gives a proper load to the radio when tuning and bypasses the bridge after tuning. But I am very glad my LDG tuner is working properly and last night I did some further checking and it does work with the control cable connected. I can activate the LDG with the tuner button on the radio or the tune button on the tuner either one and it snaps into action. Memory tune is very quick just like the Icom tuner !

73 de kc8aon

7523. Re: Z11 Pro II Takes Too Long To Tune

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-10-18 01:09:43 UTC
From: ldgyahoo@...
Topic: 7452 Message: 7523

Hi,

No problem on the signature, it was just a reminder.

Glad it's working now.

Dwayne Kincaid
LDG

7524. Re: Z11 Pro II Takes Too Long To Tune

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-10-19 11:56:24 UTC
From: rmckee1957@...
Topic: 7452 Message: 7524

Thanks Dwayne,

I'm glad its working too, just never even gave a thought to the PTT tune function on the radio cause it worked so flawless with the Icom AH-4 tuner. It only confused the Z11 Pro 2. With the PTT function turned off, the LDG just requires one extra step over the Icom tuner and that's just a button push.

73 de kc8aon

7525. 4:1 UNUN

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-10-20 13:46:00 UTC
From: wb4mnk@...
Topic: 7525 Message: 7525

I have an LDG 4:1 UNUN and was wondering if the ground side is not connect to any radials and just left not connected will this balun be using the coax shield for the counterpoise ?

73,
Art WB4MNK

7526. Re: 4:1 UNUN

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-10-20 19:23:30 UTC
From: rmckee1957@...
Topic: 7525 Message: 7526

I have an LDG 4:1 UNUN and was wondering if the ground side is not connect to any radials and just left not connected will this balun be using the coax shield for the counterpoise ?
<snip>

YES !
73 de kc8aon

7527. Re: [LDG-auto-tuners] Re: 4:1 UNUN

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-10-20 20:32:57 UTC
From: Arthur Petteway
Topic: 7525 Message: 7527

Thank you for the answer.

73,
Art WB4MNK

On Tue, Oct 20, 2015 at 3:23 PM, rmckee1957@... [LDG-auto-tuners] <
LDG-auto-tuners@yahoogroups.com> wrote:

>
>
> I have an LDG 4:1 UNUN and was wondering if the ground side is not connect
> to any radials and just left not connected will this balun be using the
> coax shield for the counterpoise ? <snip>
>
>
>
> YES !
>
> 73 de kc8aon
>
>
>
>

7528. Re: 4:1 UNUN

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-10-20 21:04:01 UTC
From: rmckee1957@...
Topic: 7525 Message: 7528

If you look inside the unun, the shield of the coax is connected to the ground terminal which makes it sort of a counterpoise. If you have problems with RF getting back into the radio using it that way, you can install a choke near the radio to eliminate or remove the RF.

73 de kc8aon

7529. Re: [LDG-auto-tuners] Re: 4:1 UNUN

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-10-21 01:01:07 UTC
From: Arthur Petteway
Topic: 7525 Message: 7529

Richard,

Have not notice any RFI problems so far but to have a choke if needed.

Appreciated your help.

72/73 Art WB4MNK

On Tue, Oct 20, 2015 at 5:04 PM, rmckee1957@... [LDG-auto-tuners] <
LDG-auto-tuners@yahoogroups.com> wrote:

>
>
> If you look inside the unun, the shield of the coax is connected to the
> ground terminal which makes it sort of a counterpoise. If you have
> problems with RF getting back into the radio using it that way, you can
> install a choke near the radio to eliminate or remove the RF.
>
>
>
> 73 de kc8aon
>
>
>

7530. LDG AT-1000ProII vs. Manual Tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-10-21 10:25:17 UTC
From: k4pdm@...
Topic: 7530 Message: 7530

I recently purchased an MFJ 989D "legal limit" tuner. It works fine, but I am wondering how the LDG ProII would work for me.

I do run an amplifier but never over 1000 watts, usually 600 or so.

My SWR is not extremely high. I think the LDG would be able to match it with no problem,and I have an external balun already.

My question is, how close to 1:1 does the LDG get on its own? The manual MFJ lets me dial it down exactly and I like that. Will the LDG do that or will it come no closer that 1.5:1 or thereabouts?

I understand there is no practical difference. I just like to see the reflected meter at 0.

Thanks & 73 Paul K4PDM

7531. Re: [LDG-auto-tuners] Re: 4:1 UNUN

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-10-21 11:28:58 UTC
From: rmckee1957@...
Topic: 7525 Message: 7531

A little experiment I did a few years back when I was playing with portable antennas was to use ferrite beads on the coax that were not taped in place. I would stretch the coax out on the ground and slide the ferrite beads to the quarter wave point for the band I was operating to somewhat tune the coax shield to resonance. I was using 50 feet of RG8X and best match was usually obtained when the ferrite beads was placed a couple of feet short of the full quarter wave length - around the 30' mark for 40 meters as I recall and the shorter than normal length was probably due to the coax laying on the ground - worked fairly well as a tuneable counterpoise !

kc8aon

Richard,

Have not notice any RFI problems so far but to have a choke if needed.

Appreciated your help.

72/73 Art WB4MNK

7532. Re: LDG AT-1000ProII vs. Manual Tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-10-21 13:20:07 UTC
From: wa1rkt@...
Topic: 7530 Message: 7532

Good morning, Paul.

I don't have the Pro-II model but I have two AT-1000Pro and three AT-1000. I run them all at from 500 to 900 watts, on a wide range of frequencies including several MARS and CAP frequencies that aren't harmonically related and are some distance away from any ham band.

Antennas include an inverted V cut for about 1.7 MHz and fed with ladder line; another inverted V cut for about 2.5 MHz (that's all the room I had for that one) also fed with ladder line, an off-center fed dipole for 80 and 40 fed with RG-8 coax thru a 4:1 current balun, and an end-fed Zepp for 40.

The LDG autotuners work just fine with all of them. You may not always get down to an absolute flat 1:1 automatically (often you will, occasionally you won't), but if, say, 1.4:1 isn't good enough, the autotuners all have Cup/Cdn and Lup/Ldn keys you can use to manually tweak the settings.

I haven't touched a manual tuner in many years, and have always had good luck and good service with these LDG tuners.

Rick WA1RKT
Londonderry, NH
Catch me on 14.300 MHz Intercon / MMSN most days

7533. LDG VHF Sensor for DWM-4 FS

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-10-21 13:27:11 UTC
From: Ken, W8EK
Topic: 7533 Message: 7533

VHF Sensor for DWM-4 Wattmeter For Sale:

I have a VHF sensor for the DWM-4 available. It works 100% and looks fine as well. It includes the sensor, the cable (fairly long), and paper work for $75 plus shipping from Florida. It was calibrated by LDG a year or so ago.

I also have many other accessories available such as many different types of microphones, HTs, VHF and UHF rigs, antennas, etc. Just too many things to list here. Please e-mail your requests.

Thanks.

73,

Ken, W8EK

Ken Simpson
E-mail to W8EK@... or W8EK@...
Voice Phone (352) 732-8400

7534. Re: [LDG-auto-tuners] LDG AT-1000ProII vs. Manual Tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-10-21 13:31:17 UTC
From: Art Galvez
Topic: 7530 Message: 7534

Hi, Paul ,

I have had an MFJ 989D to get my " match " downas well,and have run legal limit output into a fanned dipole on 80 to 0

meters .

Three years ago , I purchased an LDG AT1000 PRO 2 , and changed from a fanned dipole to an OCF 80-6 meter
dipole ...and also reduced out power to Ameritrol AL 811A " WHEN NEEDED " , and that was the best purchase

I made in my 35 plus years of being a " Ham " .

The first thing you want to do if you get one ,is read and understand the manual ,and follow the instructions ,

Duane an his crew make very good products , and stand behind them .

It took me a little time to get used to the clicking sounds of the tuner to find a " match " , but now when I

change bands , it just takes a tenth of a second to remember for the tuner to tune . Remember that all the tuners

do is lie to your transmitter !

The best match is in the antenna itself , the tuner does not change the physical length of the antenna ,and

the modern tracievers are useible with 2 to 1 match . While you are being a " nit picker " and getting as little reflected

movement from the needle, you might be missing a contact with a rare station on the air ,and causing QRM on the bands

where ever you " tune " the antenna . The LDG AT1000pro 2 has worked without a problem for me !

Have fun in the hobby ,and happy DX,

Art

wa7ag

Hamming since 1978

,Sent from Yahoo Mail on Android

From:"k4pdm@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com>
Date:Wed, Oct 21, 2015 at 5:57 AM
Subject:[LDG-auto-tuners] LDG AT-1000ProII vs. Manual Tuner

I recently purchased an MFJ 989D "legal limit" tuner. It works fine, but I am wondering how the LDG ProII would work for me.

I do run an amplifier but never over 1000 watts, usually 600 or so.

My SWR is not extremely high. I think the LDG would be able to match it with no problem,and I have an external balun already.

My question is, how close to 1:1 does the LDG get on its own? The manual MFJ lets me dial it down exactly and I like that. Will the LDG do that or will it come no closer that 1.5:1 or thereabouts?

I understand there is no practical difference. I just like to see the reflected meter at 0.

Thanks & 73 Paul K4PDM

7535. Re: [LDG-auto-tuners] LDG AT-1000ProII vs. Manual Tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-10-25 19:18:41 UTC
From: m6nae1@...
Topic: 7530 Message: 7535

I use the ldg-z100 plus atu and a 969 versa tuner with roller inductor...the z100 is fast at tuning but so is the manual tuner..best is to have both.

7.3

7536. LDG z-100 Plus buzzing or ticking sound

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-10-28 12:37:30 UTC
From: vk2jdr@...
Topic: 7536 Message: 7536

I recently purchased a new Z-100 Plus and found it makes a buzzing or ticking sound in time with CW sending.

If the tuner has no power connected, it makes a buzzing sound which increases in frequency as the power is increased. If the power is connected, then it makes a tick sound on each key down.

I have taken it back to the shop to be looked at however the technical report came back saying it is RF feedback and some noise is normal. I will be loaning another unit shortly to confirm if this is true or not.

I do not agree with this as it makes the sound connected to either of two different rigs (FT-920, FT-857D), with a dummy load connected and running on 12v battery.

The ticking/buzzing is loud enough to be heard several feet away and is to the point now where I will not use it as the noise is off-putting when sending CW.

Has anyone had a similar problem or know why / how to fix this ?

Regards,

David VK2JDR

7537. Re: LDG z-100 Plus buzzing or ticking sound

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-10-28 13:17:34 UTC
From: wa1rkt@...
Topic: 7536 Message: 7537

Good morning, David.

I can't say for sure, but I have several LDG tuners from 100 to 1000 watts rating and I have never heard that effect on any of mine.

The LDG tuners are, perhaps more than they should be, subject to RF interference. For example, my two AT-1000Pro tuners will occasionally freeze up when I transmit at high power, requiring a power cycle to get them back. I have cut down on this, though not eliminated it completely, by adding clamp-on ferrite chokes to the 12 VDC power in. Just adding a small choke to the line won't do it... you should get one of the proper material (mix 31, 75, or 77 should work) that's sized for RG8X or larger, and wind several turns of power cord through it.

Rick WA1RKT
Londonderry, NH, USA
Catch me on 14.300 MHz Intercon / MMSN most days

7538. Re: LDG z-100 Plus buzzing or ticking sound

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-10-31 06:45:04 UTC
From: vk2jdr@...
Topic: 7536 Message: 7538

Hello Rick, thanks for the feedback (no pun intended!) It makes the noise even if there is no power connected and I have been using internal batteries to power the unit. It happens on all bands and starts making the noise from about 10 watts and up.

David VK2JDR

7539. LDG RT/RC-100 tunes to Hi SWR?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-10-31 15:00:20 UTC
From: cbjesseeNH@...
Topic: 7539 Message: 7539

I'm using a LDG RT/RC-100 at the base of a G5RV 102ft antenna, running back to my Yaesu FT-897D with a LDG FTL-Meter set to SWR on Tx. As the atu tunes, the meter dips below SWR=3 several times, but then comes to rest at SWR > 5. I see HSWR on my rig's meter as well, in agreement.

Why would the atu not select the lower SWR?

BRET

KC1CJN

7540. LDG Z11 Pro2 tunes past lowest swr and stops at a higher point - why ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-11-02 12:15:57 UTC
From: rmckee1957@...
Topic: 7540 Message: 7540

I notice when my Z11 Pro2 is tuning that the swr dips to almost nothing several times during the process, but will tune past that point several times and settle on a higher swr or quit tuning like it can't find a match at all. Why is that so ? I would think that the first time it dipped to almost no swr at all it should stop at that point. Watching it on a known good meter between the tuner and the radio and the swr indicator on the radio both verify that it is finding a very good match but then settles on something higher. Just doesn't make sense to me at all ?

kc8aon

7541. Re: LDG RT/RC-100 tunes to Hi SWR?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-11-02 13:07:26 UTC
From: rmckee1957@...
Topic: 7539 Message: 7541

Hmmm ? Same question I just posted about my Z11 Pro2 - interesting !

kc8aon

7542. Re: LDG Z11 Pro2 tunes past lowest swr and stops at a higher point - why ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-11-03 13:16:40 UTC
From: rmckee1957@...
Topic: 7540 Message: 7542

No one gonna tackle this question ? Seems to me like its a known problem with them as I have talked to several folks on the air and they too notice the same thing.

kc8aon

7543. Re: LDG RT/RC-100 tunes to Hi SWR?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-11-03 21:02:41 UTC
From: rmckee1957@...
Topic: 7539 Message: 7543

Actually mine doesn't tune to a higher swr (not always anyway) but it does find a good match and keeps on tuning so long that the tune feature on my Icom 706 Mk2 times out before it locks in which forces me to switch to AM or CW and key down so it will finish the cycle. When I do that though, it starts all over again. This is of course on a new frequency or antenna that has not been stored in memory yet. I'm just wondering why it keeps on tuning when it has dipped past a 1:1 swr several times in the cycle ? You would thing it would just stop and lock it down on the first one.

kc8aon

7544. RE: [LDG-auto-tuners] Re: LDG RT/RC-100 tunes to Hi SWR?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-11-03 23:28:45 UTC
From: Tom Chesek
Topic: 7539 Message: 7544

Since LDG monitors this group I hope they jump in with some information. Even if these are questions which have been asked previously I would think their previous responses would be archived and could be sent as replies to these kinds of questions. It can be cumbersome to search for old threads.
Tom k3tvc

-------- Original message --------
From: "rmckee1957@gmail.com [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com>
Date: 11/03/2015 4:02 PM (GMT-05:00)
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: LDG RT/RC-100 tunes to Hi SWR?

Actually mine doesn't tune to a higher swr (not always anyway) but it does find a good match and keeps on tuning so long that the tune feature on my Icom 706 Mk2 times out before it locks in which forces me to switch to AM or CW and key down so it will finish the cycle. When I do that though, it starts all over again. This is of course on a new frequency or antenna that has not been stored in memory yet. I'm just wondering why it keeps on tuning when it has dipped past a 1:1 swr several times in the cycle ? You would thing it would just stop and lock it down on the first one.

kc8aon

7545. Re: LDG Z11 Pro2 tunes past lowest swr and stops at a higher point -

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-11-04 11:56:40 UTC
From: Chris WE8ST
Topic: 7545 Message: 7545

My z11 pro2 doesn't do exactly what you're describing but if I tune it then put it into bypass and then reactivate it, it usually will totally lose where I had it tuned to and will need to retune it all over again. Sometimes I have to do a full tune to get it back to where it was even though I had the tune stored in the memory already. If it is a difficult tune, sometimes I have to tune it twice to narrow the swr as low as it will go for that given frequency. Not sure if all of this is normal but I don't remember having to do all this when the unit was new. Not exactly what you're experiencing but maybe along the same lines?

73, Chris WE8ST

Sent from my iPhone

7546. RE: [LDG-auto-tuners] Re: LDG RT/RC-100 tunes to Hi SWR?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-11-04 12:50:47 UTC
From: rmckee1957@...
Topic: 7539 Message: 7546

Since LDG monitors this group I hope they jump in with some information. Even if these are questions which have been asked previously I would think their previous responses would be archived and could be sent as replies to these kinds of questions. It can be cumbersome to search for old threads. Tom k3tvc

I've searched with no luck so far, and I was hoping that LDG could shed some light on the matter. Other auto tuners I have lock on the first time swr dips to a good level.

kc8aon

7547. Re: [LDG-auto-tuners] Re: LDG RT/RC-100 tunes to Hi SWR?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-11-04 17:25:21 UTC
From: Frank Reckenberg
Topic: 7539 Message: 7547

I had a similar problem with a new AT1000 Pro II and sent it in for repair only to have it returned stating nothing was wrong with it. I have a second, but older AT1000 Pro and it would work fine. I couldn't get the folks at LDG to fix it so since it was new I returned it to the company I purchased it as a defective unit. I love these tuners when they work well but can't say much about their factory service. The reason I returned mine was it was kicking out high SWR's and I didn't catch it in time so I burned out my power transistors in my rig. Be careful.....
Frank Frank ReckenbergKM4FVI Pikeville, NC USA

On Wednesday, November 4, 2015 7:57 AM, "rmckee1957@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:

Since LDG monitors this group I hope they jump in with some information. Even if these are questions which have been asked previously I would think their previous responses would be archived and could be sent as replies to these kinds of questions. It can be cumbersome to search for old threads. Tom k3tvc I've searched with no luck so far, and I was hoping that LDG could shed some light on the matter. Other auto tuners I have lock on the first time swr dips to a good level. kc8aon

7548. Re: LDG Z11 Pro2 tunes past lowest swr and stops at a higher point -

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-11-04 16:57:55 UTC
From: rmckee1957@...
Topic: 7545 Message: 7548

My z11 pro2 doesn't do exactly what you're describing but if I tune it then put it into bypass and then reactivate it, it usually will totally lose where I had it tuned to and will need to retune it all over again.

Yeah, mine has done that since it was new too. Sometimes it just refuses to store settings in memory until I make it tune a couple of times. Then whenever I shut down and return the next day thinking settings would be stored after using it the previous day, it starts the sequence over again. I don't think its anything going on with the antenna either as I can tune it with a manual tuner and it stays tuned from day to day unless I change frequencies or bands. But the LDG sometimes just doesn't store the settings even when using the store button and the next time I use that antenna/frequency, its a toss up as to whether or not it will tune from memory or a new tunig cycle - sometimes yes, somethims no.

kc8aon

7549. RE: [LDG-auto-tuners] Re: LDG RT/RC-100 tunes to Hi SWR?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-11-04 19:28:50 UTC
From: Alex Netherton
Topic: 7539 Message: 7549

With my AT-100ProII and AT-600ProII, it looks, on a SWR meter and on the face of the unit as though it has gone past a low SWR several times before it seems to pick a "higher" one. If you start fiddling with the "C" and "L" buttons, however, you will find that it indeed has not.
Occasionally, I can tune the L and C buttons, and get a slightly lower one, but it usually is not worth bothering with, it is just a response to my OCD.

73 de W5ALX EM85ro Buncombe County NC
Alex Netherton
http://blueridgediscovery.org
On 11/4/2015 7:57:45 AM, rmckee1957@... [LDG-auto-tuners]
<ldg-auto-tuners@yahoogroups.com> wrote:

Since LDG monitors this group I hope they jump in with some information. Even if these are questions which have been asked previously I would think their previous responses would be archived and could be sent as replies to these kinds of questions. It can be cumbersome to search for old threads.
Tom k3tvc

I've searched with no luck so far, and I was hoping that LDG could shed some light on the matter. Other auto tuners I have lock on the first time swr dips to a good level.

kc8aon

7550. Re: [LDG-auto-tuners] Re: LDG z-100 Plus buzzing or ticking sound

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-11-05 01:11:05 UTC
From: Nick L
Topic: 7536 Message: 7550

I'm also experiencing similar issues. I get buzzing even if I disconnect the tuner power and control cables. I plan to place a common-mode choke close to the tuner (already have one near the antenna feed-point, model ZRW-B11-ISO.) I'm hoping that the choke will fix it once and for all.

If anyone has any *toroid* recommendations for something that will work for hf that can accommodate two or three loops (preferably more) of RG-213 that would be great as I'm hesitant to blow another $40 or so for another choke balun.

On Sat, Oct 31, 2015 at 2:45 AM, vk2jdr@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:

>
>
> Hello Rick, thanks for the feedback (no pun intended!) It makes the noise
> even if there is no power connected and I have been using internal
> batteries to power the unit. It happens on all bands and starts making the
> noise from about 10 watts and up.
>
> David VK2JDR
>
>

7551. Re: LDG Z11 Pro2 tunes past lowest swr and stops at a higher point -

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-11-05 12:13:16 UTC
From: Chris WE8ST
Topic: 7545 Message: 7551

Come to think of it I believe mine has done that sort of thing before also. Or something close anyway. It hasn't done that in a while so it's weird that it was going on at all before. It's like something was broken inside then it miraculously stopped being broken one day. So strange. I did redo the jumper going from the tuner to the plug running outside to the antenna. May have been a bad connection there causing it to detune randomly, especially when the wind blew.

Chris WE8ST

Sent from my iPhone

7552. RE: [LDG-auto-tuners] Re: LDG RT/RC-100 tunes to Hi SWR?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-11-05 12:27:58 UTC
From: rmckee1957@...
Topic: 7539 Message: 7552

Occasionally, I can tune the L and C buttons, and get a slightly lower one, but it usually is not worth bothering with, it is just a response to my OCD.

I have has several case where I could manually tune it using the L and C buttons and get it much lower, but I think I also have OCD because even if its a 1.5:1 I want it lower if its possible. But when it dips to almost nothing several times and then settles on something much higher or even timing out before it settles on a match is what bothers me.

kc8aon

7553. DTS-6

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-11-06 07:41:08 UTC
From: Jluc Coutarel
Topic: 7553 Message: 7553

I have a DTS-6 switch since several years and i like it.unfortunatly, i don not understand why but sudenly, as i was runing on air on 7Mhz, i smelt a smoke in it. It was burning inside...
I used it with a Collins KWM2 line with 500w output in a nice aerial line with a Palstar Tuner.
I stop the burning and it is going nice again except for the switch 1,2 and 3
I want to repear it but i do not find shema of this unit on the web.Could you send me a PDF shema ?
Thanks a lot.73
F6HOYJean-LucF6HOY | Ham Radio

It burns between J4 and the rest: (C4....)

[Non-text portions of this message have been removed]

7554. DTS

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-11-06 07:45:11 UTC
From: jlcoutarel@...
Topic: 7554 Message: 7554

I have a DTS-6 switch since several years and i like it.
Unfortunatly, i do not understand why but sudenly, as i was runing on air on 7Mhz, i see a smoke in it. It was burning inside...

I used it with a Collins KWM2 line with 500w output in a nice aerial line with a Palstar Tuner.

I stop the burning and it is going nice again except for the switch 1,2 and 3

I want to repear it but i do not find schema of this unit on the web.
Is anybody have the schéma ?

Thanks a lot.
73

F6HOY
Jean-Luc www.f6hoy.com

7555. Z-100

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-11-08 15:52:05 UTC
From: larrylb@...
Topic: 539 Message: 7555

I've been making up a crate that I used to go "portable" with back 25 years ago.
I have a new Yaesu FT-857 that replaced my old FT-757GXII the rig is nice and small works all bands but is a bear trying to learn all those many features.
I bought a Z-100 to use with my Ten-Tec QRP rig since it has a built in battery pack as does the Ten-Tec they work great together. when making up my new old crate I found I had lots more room than before. I mounted the Yaesu and a power supply on the lower shelf an SWR/POWER meter the Z-100 and a SignaLink USB on the upper shelf. which leaves room under the lower shelf for either paperwork or a plywood slide out shelf to use as a desk or a set of paddles.
I just love the way the Z-100 works it will tune my Packtenna antennas or my Hustler whips I don't
run mobile I just set up the whips when I can't set up the Packtenna.
I also have a 200 Pro 2 here in my home shack it works great as well.
I don't have any reason to tell you all this just that I was sitting here thinking how great the
LDG tuners work and thought I would share my thoughts.

LARRY KB8EMD

7556. LDG AT 897

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-11-09 00:54:18 UTC
From: pointone1304@...
Topic: 7556 Message: 7556

I have an LDG AT897. I dont have the cables supplied. Is there a mod so I can use it on any other radio?

7557. Re: LDG Z11 Pro2 tunes past lowest swr and stops at a higher point -

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-11-14 13:44:07 UTC
From: rmckee1957@...
Topic: 7545 Message: 7557

Dwayne,

Could you please explain why this happens ?

kc8aon

7558. Re: [LDG-auto-tuners] Re: LDG Z11 Pro2 tunes past lowest swr and stops at a higher point -

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-11-14 16:44:40 UTC
From: Deanf
Topic: 7545 Message: 7558

If you included the original post or the one your responding to in your post it would help those of us who are arriving to this thread late.

73, KG6MXZ
Dean
DM07dg

From: mailto:LDG-auto-tuners@yahoogroups.com
Sent: Saturday, November 14, 2015 5:44 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: LDG Z11 Pro2 tunes past lowest swr and stops at a higher point -

Dwayne,

Could you please explain why this happens ?

kc8aon

7559. Re: LDG Z11 Pro2 tunes past lowest swr and stops at a higher point -

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-11-15 15:03:14 UTC
From: joseph.fitter@...
Topic: 7545 Message: 7559

My AT-100 PRO has done this for the past 8 years that I have owned it.

The SWR algorithm in the computer is off calibration, I suspect, or is corrupted. I tried at one time to get a new "eprom chip" from LDG for the firmware, but they never came through and said it was not available....

In the past, to get around this, I would just use the L / C buttons to hunt around for a 1:1 match, which was typically far away from the match that the tuner had "computed". Once i found a match, I would force a memory save (F+Tune) for a low SWR a memory positions. This worked but so much for "autotuner"....

Doing an actual algo-based antenna tune, it would almost never find a "good" match (less than 1.5:1 despite the "threshold" being set to 1:1). What's worse, it still tends to want to occasionally go into a tune cycle randomly, as if RF is getting into it, unless it is set to "fully manual" mode (F+Cnd).

I should mention that I use well built and very stable dipole/resonant antennas and use them only for the band they were designed to operate on. The resonant frequency of the antenna does NOT move ever....

40M is particularly flakey for this tuner. It's pretty frustrating so I eventually relegated this tuner as an expensive A/B antenna switch and LED SWR/Power meter..... Sorry, but as a tuner, it's pretty much junk....

The MFJ manual tuner works better and with a slip of paper I can retune in a matter of seconds and always have a 1:1 match, and always is a perfect match when returning to the settings on my slip of paper.

maybe the algo has been improved since my tuner was built. Mine is firmware version 1.0

Joe K7JOE

7560. Re: LDG Z11 Pro2 tunes past lowest swr and stops at a higher point -

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-11-15 15:24:50 UTC
From: k7joe@...
Topic: 7545 Message: 7560

I have an LDG100 pro ... It's about 9 or 10 years old. It has always done things like this.

Most frustrating, it does not find a 1:1 match despite the antenna being resonant. I can use the L/C buttons and find a perfect 1:1 match and then store into memory but those are often lost within a day or two. I use the SWR analyzer and find a perfect match and write down the L and C settings.... I can usually dial those back in ... but this thing is supposed to be AUTOMATIC !

My antennas are resonant dipoles - 40 meters seems most frustrating...

I have firmware 1.0 years ago i tried to get a new eeprom from LDG to upgrade the firmware but they did not have those in stock.

Now i use this as a fancy A/B antenna switch and LED swr/power meter. As a tuner, it's just frustrating to not work properly as an automatic tuner.

Been a ham for 30 years.... I can say that on the same exact antenna, the small manual tuner from MFJ works to find a 1:1 match every time, the manual antenna tuner never needs to be re-adjusted unless changing frequencies and always holds its settings! My dipole antenna has been up for years and NEVER changes it's resonant points.

7561. Re: [LDG-auto-tuners] Re: LDG Z11 Pro2 tunes past lowest swr and stops at a higher point -

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-11-15 17:11:58 UTC
From: Jim Allen
Topic: 7545 Message: 7561

A resonant antenna doesn't mean a 1:1 SWR, and a resonant antenna is only such on one frequency, or a very narrow band of frequencies.

Have you ever measured a difference in signals, or other operating parameters between having a 1:1 SWR vs. a ~1.5:1 SWR?

73 de W6OGC Jim Allen

Sent from my iPad

> On Nov 15, 2015, at 9:24 AM, k7joe@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:
>
> I have an LDG100 pro ... It's about 9 or 10 years old. It has always done things like this.
>
> Most frustrating, it does not find a 1:1 match despite the antenna being resonant. I can use the L/C buttons and find a perfect 1:1 match and then store into memory but those are often lost within a day or two. I use the SWR analyzer and find a perfect match and write down the L and C settings.... I can usually dial those back in ... but this thing is supposed to be AUTOMATIC !
>
> My antennas are resonant dipoles - 40 meters seems most frustrating...
>
> I have firmware 1.0 years ago i tried to get a new eeprom from LDG to upgrade the firmware but they did not have those in stock.
>
> Now i use this as a fancy A/B antenna switch and LED swr/power meter. As a tuner, it's just frustrating to not work properly as an automatic tuner.
>
> Been a ham for 30 years.... I can say that on the same exact antenna, the small manual tuner from MFJ works to find a 1:1 match every time, the manual antenna tuner never needs to be re-adjusted unless changing frequencies and always holds its settings! My dipole antenna has been up for years and NEVER changes it's resonant points.
>
>

7562. RE: [LDG-auto-tuners] Re: LDG Z11 Pro2 tunes past lowest swr and stops at a higher point -

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-11-15 17:41:09 UTC
From: cscott
Topic: 7545 Message: 7562

K7joe:
You didn't say what results you get with the auto tuner? What usually is the SWR when it's done tuning?
Chuck N8DNX
Sent from my Verizon Wireless 4G LTE smartphone

-------- Original message --------
From: "k7joe@yahoo.com [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com>
Date: 11/15/2015 10:24 AM (GMT-05:00)
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: LDG Z11 Pro2 tunes past lowest swr and stops at a higher point -

I have an LDG100 pro ... It's about 9 or 10 years old. It has always done things like this.

 Most frustrating, it does not find a 1:1 match despite the antenna being resonant. I can use the L/C buttons and find a perfect 1:1 match and then store into memory but those are often lost within a day or two. I use the SWR analyzer and find a perfect match and write down the L and C settings.... I can usually dial those back in ... but this thing is supposed to be AUTOMATIC !

My antennas are resonant dipoles - 40 meters seems most frustrating...

I have firmware 1.0 years ago i tried to get a new eeprom from LDG to upgrade the firmware but they did not have those in stock.

Now i use this as a fancy A/B antenna switch and LED swr/power meter. As a tuner, it's just frustrating to not work properly as an automatic tuner.

Been a ham for 30 years.... I can say that on the same exact antenna, the small manual tuner from MFJ works to find a 1:1 match every time, the manual antenna tuner never needs to be re-adjusted unless changing frequencies and always holds its settings! My dipole antenna has been up for years and NEVER changes it's resonant points.

7563. Re: LDG Z11 Pro2 tunes past lowest swr and stops at a higher point -

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-11-16 15:17:16 UTC
From: rmckee1957@...
Topic: 7545 Message: 7563

You didn't say what results you get with the auto tuner? What usually is the SWR when it's done tuning?

On mine, it will dip to a 1:1 several times and then settle for something like a 1.7:1 or even a 2:1. To be fair it doesn't do it all the time and sometimes I can keep forcing it to tune again and finally sometimes it will stop and store a better match, maybe a 1.5:1 or better. Its just frustrating to watch it pass up a 1:1 several times and settle for something higher.

kc8aon

7564. Re: LDG Z11 Pro2 tunes past lowest swr and stops at a higher point -

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-11-17 00:53:28 UTC
From: ldgyahoo@...
Topic: 7545 Message: 7564

Sure on providing input.

The readable SWR changes as the tuner goes through it's tuning cycle. There will be periods (in milliseconds of time) where the tuner has selected a bad match. During those times, the radio may drastically reduce the RF power. If the RF power is dropped at a certain rate, the tuner does not use those readings.

So the SWR may show a minimal amount when there is no RF. This is because RF is required to calculate the SWR. In those instances, that are very minor, the SWR is non-calculable. The radio and tuner may or may not show low SWR readings while there is low RF power.

The radio may show low SWR, but it's more likely that there is not enough RF power rather than the tuner has found a good match and tried to proceed past it.

Also remember that the radio has a different RF sensor than the tuner. There may be times that they don't agree.

I hope this helps,

Dwayne Kincaid
LDG

7565. Re: LDG Z11 Pro2 tunes past lowest swr and stops at a higher point -

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-11-17 12:26:05 UTC
From: rmckee1957@...
Topic: 7545 Message: 7565

Also remember that the radio has a different RF sensor than the tuner. There may be times that they don't agree.

Well, I hear what you are saying but I'm not depending on the swr circuit in the radio but on a dual needle meter that is between the radio and the tuner and when the swr meter dips to 1:1 and the radio is doing full output as shown on the forward meter and the tuner passes this up and settles on a higher swr is the part I don't understand. The tuner specs, correct me if I'm wrong says it needs a minimum of 0.1 watt to tune and the radio is doing about 10 watts out in the tune mode when the meter displays a 1:1 swr but passes right on by and settles on something higher. Granted it does most of the time settle on something useable like 1.7:1 or 2:1, but why not have it programmed to settle on the lower swr ? This would make tuning quicker and put less stress on the transmitter. I have both the Icom AH-4 and the SGC-237 tuners and they both lock on as soon as they hit a good swr, I just don't understand why the LDG doesn't do the same. Yeah, I know that's comparing apples to oranges.

kc8aon

7566. Re: LDG Z11 Pro2 tunes past lowest swr and stops at a higher point -

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-11-17 23:05:25 UTC
From: ldgyahoo@...
Topic: 7545 Message: 7566

When tuning, the tuner never "settles" on an SWR reading. It always tries to find the best match that it can. It does not stop at 1.5 (not sure where you heard this).

Again, an external meter may drop to a good SWR, but that does not mean the tuner (or the radio) saw the same thing.

Unfortunately, the SWR reading is "always" for the radio's benefit. The current definition of a tuner is that it makes a crappy antenna load seem good to the radio so it will put out full power. It's better to have full power to a bad antenna than to have the radio limit the power because the antenna is bad. So we always use the SWR meter on the radio as a gauge of what is being transmitted.

It sort of sounds line your antenna may be on the edge of the tuning range for the tuner. The other tuners mentioned have a much wider tuning range, but mainly only for long wire type antennas. Those type antennas typically have very high impedance.

Dwayne Kincaid
LDG

7567. Re: LDG Z11 Pro2 tunes past lowest swr and stops at a higher point -

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-11-17 23:19:00 UTC
From: ldgyahoo@...
Topic: 7545 Message: 7567

Joe,

You are correct. It sounds like the tuner needs to be re-calibrated.

Dwayne Kincaid
LDG

7568. Re: [LDG-auto-tuners] Re: LDG Z11 Pro2 tunes past lowest swr and stops at a higher point -

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-11-18 10:58:18 UTC
From: Alex Netherton
Topic: 7545 Message: 7568

I agree with Dwayne. Mine almost always picks the best match. Sometimes it looks like it picked a lower SWR, but if I watch the output on my transmitter, it fluctuates. It may be off slightly on its own meter by a tenth of a point (say from 1.5 to 1.3), but I see this as negligible.

73 de W5ALX, Alex Netherton
Buncombe County ARES, Western NC Amateur Radio Society
http://blueridgediscovery.org

On 11/16/2015 7:53 PM, ldgyahoo@... [LDG-auto-tuners] wrote:
>
> Sure on providing input.
>
> The readable SWR changes as the tuner goes through it's tuning cycle.
> There will be periods (in milliseconds of time) where the tuner has
> selected a bad match. During those times, the radio may drastically
> reduce the RF power. If the RF power is dropped at a certain rate, the
> tuner does not use those readings.
>
> So the SWR may show a minimal amount when there is no RF. This is
> because RF is required to calculate the SWR. In those instances, that
> are very minor, the SWR is non-calculable. The radio and tuner may or
> may not show low SWR readings while there is low RF power.
>
> The radio may show low SWR, but it's more likely that there is not
> enough RF power rather than the tuner has found a good match and tried
> to proceed past it.
>
> Also remember that the radio has a different RF sensor than the tuner.
> There may be times that they don't agree.
>
> I hope this helps,
>
> Dwayne Kincaid
> LDG
>
>

7569. Re: LDG Z11 Pro2 tunes past lowest swr and stops at a higher point -

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-11-18 12:26:17 UTC
From: rmckee1957@...
Topic: 7545 Message: 7569

It sort of sounds line your antenna may be on the edge of the tuning range for the tuner. The other tuners mentioned have a much wider tuning range, but mainly only for long wire type antennas. Those type antennas typically have very high impedance.

Well, the antenna I use it on is my off center fed dipole and mainly only use the tuner on 75/80 meters where the swr without the tuner is araound 1.7:1 @ 3.5 MHz and around 4:1 @ 4 mhz. really not all that high and well within the range of the tuner going by its specs. The antenna shows no resonance at all on 30 and 60 meters, bout bands are around 5:1 swr but the tuner seems to work well on those bands, its just on the portions of the 80 meter band that it acts quirky. The antenna is great on 40, 20, 17, 12, 10, and 6 meters without the tuner.

KC8AON

7570. Re: [LDG-auto-tuners] Re: LDG Z11 Pro2 tunes past lowest swr and stops at a higher point -

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-11-18 13:16:31 UTC
From: rmckee1957@...
Topic: 7545 Message: 7570

Is there a way to clear all the memories on the tuner ? I have used my Pro 2 on multiple antennas and sometimes it take 2 or 3 tries before it gets the right match and I think its reverting back to settings stored for other antennas before it finally gets the right one.

KC8AON

7571. WHAT MODE TO TUNE

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-11-19 03:41:18 UTC
From: w4rttrandy@...
Topic: 7571 Message: 7571

What mode should I be in to tune?
If I use SSB, I hear the relays click several times, then the Tuning LED blinks 5 times.
Do I need to transmit some kind of tone?

Randy
W4RTT

7572. tuning mode

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-11-19 04:08:23 UTC
From: w4rttrandy@...
Topic: 7572 Message: 7572

What mode do I need to be in when tuning?
When I transmit in SSB, the Tuning LED comes of and I can hear the relay clicking. Then it stops and the Tuning LED blinks 5 times.

Randy
W4RTT

7573. Re: [LDG-auto-tuners] tuning mode

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-11-19 12:37:28 UTC
From: Leonard K. Pennock (AD7AS)
Topic: 7572 Message: 7573

You need to produce RF. Either whistle in the mic or use a mode with a carrier like AM.
--
Leonard K. Pennock (AD7AS)

On November 18, 2015 9:08:23 PM MST, "w4rttrandy@... [LDG-auto-tuners]"
<LDG-auto-tuners@yahoogroups.com> wrote:
>What mode do I need to be in when tuning?
>When I transmit in SSB, the Tuning LED comes of and I can hear the
>relay clicking. Then it stops and the Tuning LED blinks 5 times.
>
>Randy
>W4RTT
>

7574. Re: tuning mode

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-11-19 12:37:49 UTC
From: larrylb@...
Topic: 7572 Message: 7574

Randy not knowing what radio or tuner you have it's hard to tell. On my old Yaesu 757 it had a MOX button that could be used to tune.
on my new Yaesu 857D I would put the radio into AM or DIGITAL mode
and key the PTT, seems the FT-857 wont transmit in CW using the PTT.
Now I have two tuners a 200 proII and a Z-100 I bought a cable ACC-Y that
goes from the radio to the tuners now all I have to do is push the TUNE button
on the tuner and it keys the radio and lowers the power out.
Hope this helps.

LARRY

7575. Re: [LDG-auto-tuners] WHAT MODE TO TUNE

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-11-19 15:16:26 UTC
From: Deanf
Topic: 7571 Message: 7575

Randy I use the YT-100 tuner and when I press the tune button it puts my radio in am mode and tunes up then puts it back in SSB. What tuner are you using please?

73, KG6MXZ
Dean
DM07dg

From: mailto:LDG-auto-tuners@yahoogroups.com
Sent: Wednesday, November 18, 2015 7:41 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] WHAT MODE TO TUNE

What mode should I be in to tune?
If I use SSB, I hear the relays click several times, then the Tuning LED blinks 5 times.
Do I need to transmit some kind of tone?

Randy
W4RTT

7576. RE: [LDG-auto-tuners] WHAT MODE TO TUNE

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-11-19 21:52:37 UTC
From: randy true
Topic: 7571 Message: 7576

I'm using the X-100Plus

Randy
From: LDG-auto-tuners@yahoogroups.com
To: LDG-auto-tuners@yahoogroups.com
Date: Thu, 19 Nov 2015 07:16:26 -0800
Subject: Re: [LDG-auto-tuners] WHAT MODE TO TUNE

Randy I use the YT-100 tuner and when I press the tune button it puts my
radio in am mode and tunes up then puts it back in SSB. What tuner are you
using please?

73, KG6MXZ
Dean
DM07dg

From: mailto:LDG-auto-tuners@yahoogroups.com

Sent: Wednesday, November 18, 2015 7:41 PM
To: LDG-auto-tuners@yahoogroups.com

Subject: [LDG-auto-tuners] WHAT MODE TO TUNE

What mode should I be in to tune?
If I use SSB, I hear the relays click
several times, then the Tuning LED blinks 5 times.
Do I need to transmit some

kind of tone?

Randy
W4RTT

7577. Re: [LDG-auto-tuners] WHAT MODE TO TUNE

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-11-20 03:39:05 UTC
From: Alex, W5ALX
Topic: 7571 Message: 7577

Use a short AM transmission at abt 10 watts. You need a low power carrier.

73 de W5ALX
Alex Netherton
http://blueridgediscovery.org

Sent from TypeMail

On Nov 19, 2015, 7:04 AM, at 7:04 AM, "w4rttrandy@... [LDG-auto-tuners]"
<LDG-auto-tuners@yahoogroups.com> wrote:
>What mode should I be in to tune?
>If I use SSB, I hear the relays click several times, then the Tuning
>LED blinks 5 times.
>Do I need to transmit some kind of tone?
>
>Randy
>W4RTT
>

7578. Re: tuning mode

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-11-20 12:34:53 UTC
From: Phillip Zminda
Topic: 7572 Message: 7578

Most radios have a Tune function that puts out a CW carrier at reduced power, The setting is adjustable also on many rigs. I have a K3, FLEX-1500 and Ten-Tec Argonaut VI all have an adjustable Tune mode. That way you aren’t running fully power into a miss-matched antenna. Many current radios don’t have an AM mode but all have CW. Using SSB there is no carrier to provide output until you modulate it with a tone or voice.

Phil N3ZP

7579. Re: [LDG-auto-tuners] WHAT MODE TO TUNE

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-11-20 14:23:37 UTC
From: Deanf
Topic: 7571 Message: 7579

OOPs what radio are you using also. I should have asked that also. Several of the LDG tuners are set to work with the FT-857 and 897 so when you push the tune button it put the radio in AM and tunes and when its finished tuning it puts it back in the mode you were in.

I wonder if they have other tuners that work with other radio brands.

73, KG6MXZ
Dean
DM07dg

From: mailto:LDG-auto-tuners@yahoogroups.com
Sent: Thursday, November 19, 2015 1:52 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: RE: [LDG-auto-tuners] WHAT MODE TO TUNE

I'm using the X-100Plus

Randy

From: LDG-auto-tuners@yahoogroups.com
To: LDG-auto-tuners@yahoogroups.com
Date: Thu, 19 Nov 2015 07:16:26 -0800
Subject: Re: [LDG-auto-tuners] WHAT MODE TO TUNE

Randy I use the YT-100 tuner and when I press the tune button it puts my radio in am mode and tunes up then puts it back in SSB. What tuner are you using please?

73, KG6MXZ
Dean
DM07dg

From: mailto:LDG-auto-tuners@yahoogroups.com
Sent: Wednesday, November 18, 2015 7:41 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] WHAT MODE TO TUNE

What mode should I be in to tune?
If I use SSB, I hear the relays click several times, then the Tuning LED blinks 5 times.
Do I need to transmit some kind of tone?

Randy
W4RTT

7580. Re: [LDG-auto-tuners] WHAT MODE TO TUNE

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-11-20 17:29:41 UTC
From: Alex, W5ALX
Topic: 7571 Message: 7580

They will work with any radio, just not "push button" on all. Mine is s FT-950, and they make no interface for it. I just push the "AM" button, transmit, then go back to SSB. It works just fine.

73 de W5ALX
Alex Netherton
http://blueridgediscovery.org

Sent from TypeMail

On Nov 20, 2015, 9:48 AM, at 9:48 AM, "'Deanf' deanf@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:
>OOPs what radio are you using also. I should have asked that also.
>Several of the LDG tuners are set to work with the FT-857 and 897 so
>when you push the tune button it put the radio in AM and tunes and when
>its finished tuning it puts it back in the mode you were in.
>
>
>I wonder if they have other tuners that work with other radio brands.
>
>
>73, KG6MXZ
>Dean
>DM07dg
>
>
>From: mailto:LDG-auto-tuners@yahoogroups.com
>Sent: Thursday, November 19, 2015 1:52 PM
>To: LDG-auto-tuners@yahoogroups.com
>Subject: RE: [LDG-auto-tuners] WHAT MODE TO TUNE
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>I'm using the X-100Plus
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>Randy
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>From: LDG-auto-tuners@yahoogroups.com
>To: LDG-auto-tuners@yahoogroups.com
>Date: Thu, 19 Nov 2015 07:16:26 -0800
>Subject: Re: [LDG-auto-tuners] WHAT MODE TO TUNE
>
>
>
>Randy I use the YT-100 tuner and when I press the tune button it puts
>my radio in am mode and tunes up then puts it back in SSB. What tuner
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>
>
>73, KG6MXZ
>Dean
>DM07dg
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>
>From: mailto:LDG-auto-tuners@yahoogroups.com
>Sent: Wednesday, November 18, 2015 7:41 PM
>To: LDG-auto-tuners@yahoogroups.com
>Subject: [LDG-auto-tuners] WHAT MODE TO TUNE
>
>
>
>What mode should I be in to tune?
>If I use SSB, I hear the relays click several times, then the Tuning
>LED blinks 5 times.
>Do I need to transmit some kind of tone?
>
>
>Randy
>W4RTT

7581. Re: [LDG-auto-tuners] WHAT MODE TO TUNE

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-11-20 19:20:47 UTC
From: Deanf
Topic: 7571 Message: 7581

I use the LDG 200AT Pro with my FT-950. I put the radio in CW mode and hit my key. It tunes it up and the power automatically drops down to 20 W’s. When I first got it I went thru the frequencies and tuned it up every 20 Kc’s so now it pretty much knows. Of course now you can get the YT-1200 for it and it connects to the 232 port and when you start to talk it just tunes it automatically.

73, KG6MXZ
Dean
DM07dg

From: mailto:LDG-auto-tuners@yahoogroups.com
Sent: Friday, November 20, 2015 9:29 AM

To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] WHAT MODE TO TUNE

They will work with any radio, just not "push button" on all. Mine is s FT-950, and they make no interface for it. I just push the "AM" button, transmit, then go back to SSB. It works just fine.

73 de W5ALX
Alex Netherton
http://blueridgediscovery.org

Sent from TypeMail

On Nov 20, 2015, at 9:48 AM, "'Deanf' deanf@... [LDG-auto-tuners]"
<LDG-auto-tuners@yahoogroups.com> wrote:

OOPs what radio are you using also. I should have asked that also. Several of the LDG tuners are set to work with the FT-857 and 897 so when you push the tune button it put the radio in AM and tunes and when its finished tuning it puts it back in the mode you were in. I wonder if they have other tuners that work with other radio brands.
73, KG6MXZ
Dean
DM07dg
From: mailto:LDG-auto-tuners@yahoogroups.com
Sent: Thursday, November 19, 2015 1:52 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: RE: [LDG-auto-tuners] WHAT MODE TO TUNE

I'm using the X-100Plus

Randy

From: LDG-auto-tuners@yahoogroups.com
To: LDG-auto-tuners@yahoogroups.com

Date: Thu, 19 Nov 2015 07:16:26 -0800
Subject: Re: [LDG-auto-tuners] WHAT MODE TO TUNE

Randy I use the YT-100 tuner and when I press the tune button it puts my radio in am mode and tunes up then puts it back in SSB. What tuner are you using please?
73, KG6MXZ
Dean
DM07dg
From: mailto:LDG-auto-tuners@yahoogroups.com
Sent: Wednesday, November 18, 2015 7:41 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] WHAT MODE TO TUNE

What mode should I be in to tune?
If I use SSB, I hear the relays click several times, then the Tuning LED blinks 5 times.
Do I need to transmit some kind of tone?

Randy
W4RTT

7582. at-1000 pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-11-21 14:21:09 UTC
From: barry-n8dad@...
Topic: 7582 Message: 7582

i just picked up a at-1000 pro from a estate sale and seems to work ok, but the meter seems to bounce around when i have radio in cw mode before tuning, it goes from like 70-80 then 100 watts back and forth it goes so does the reflected needle a little bit. it jumps fast back and forth the needle acts crazy. also does this on a dummy load too. hope that makes some sense !!!

anyone know what the issue is or can i get a replacement meter or what ??

thanks 73
barry n8dad

7583. Re: [LDG-auto-tuners] at-1000 pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-11-21 15:50:41 UTC
From: Jim Allen
Topic: 7582 Message: 7583

I think that is not unheard of or abnormal with auto tuners, which step through various combinations of L and C on the way to an acceptable match. I've not read the manual, etc. but I would avoid tuning at that power. Switching under power can over stress components, result in arcing and other bad things. I have an AT4 and a RT100, both of which are limited to 100 or so watts anyway, and both prescribe tuning at 5-10 watts. All the manual tuners I am familiar with suggest similar precautions.

Power fluctuates according to the load. If the transmitter sees a bad load, as it well can during tuning, it shuts back power, for one thing.

Use low power to tune. Everything else sounds "normal."

73 de W6OGC Jim Allen

Sent from my iPad

> On Nov 21, 2015, at 8:21 AM, barry-n8dad@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:
>
> i just picked up a at-1000 pro from a estate sale and seems to work ok, but the meter seems to bounce around when i have radio in cw mode before tuning, it goes from like 70-80 then 100 watts back and forth it goes so does the reflected needle a little bit. it jumps fast back and forth the needle acts crazy. also does this on a dummy load too. hope that makes some sense !!!
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>
> anyone know what the issue is or can i get a replacement meter or what ??
>
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>
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>
> thanks 73
>
> barry n8dad
>
>

7584. Re: at-1000 pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-11-21 16:30:29 UTC
From: wa1rkt@...
Topic: 7582 Message: 7584

W6OGC>> I would avoid tuning at that power

The AT-1000Pro doesn't allow tuning at higher than the maximum rated tune power anyway. It will flash its LEDs in a sort of checkerboard pattern, warning you that the power is too high to safely tune.

The AT-1000Pro is rated to tune safely at any power from 5 to 125 watts, so it seems like Barry's tune power is about right.

Barry, do the needles jump around like that WHILE tuning, or before or after tuning? Jumping around while tuning is normal, before tuning might be an artifact of your radio reacting to a high SWR (what radio?). If it does that after tuning, you may have an antenna or feedline problem... but you say it does that into a dummy load too... any chance of a loose connection in the coax from the tuner to the dummy load?

I have two AT=1000Pro tuners and three of the older AT-1000 (non-Pro), and haven't seen a failure mode like that in the tuner itself, hence thinking, if it does this after the tune cycle completes, that it might be something else in your setup.

Rick WA1RKT
Londonderry, NH
Catch me on 14.300 MHz Intercon / MMSN most days

7585. Re: [LDG-auto-tuners] Re: at-1000 pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-11-21 16:56:43 UTC
From: Barry Fisher - N8DAD
Topic: 7582 Message: 7585

When I key the radio before any tuning of tuner before or after so basically just keying radio it's just bouncing fast around. Like it goes from 70 to 100 watts and also the reflected needle does the same movement. Other then that tuner seems to work fine, just the bouncing off needless is driving me nuts..
Barry n8dad

Sent to you from my Verizon Wireless 4G LTE DROID TURBO
On Nov 21, 2015 11:30 AM, "wa1rkt@comcast.net [LDG-auto-tuners]"
<LDG-auto-tuners@yahoogroups.com> wrote:

W6OGC>> I would avoid tuning at that power

The AT-1000Pro doesn't allow tuning at higher than the maximum rated tune power anyway. It will flash its LEDs in a sort of checkerboard pattern, warning you that the power is too high to safely tune.

The AT-1000Pro is rated to tune safely at any power from 5 to 125 watts, so it seems like Barry's tune power is about right.

Barry, do the needles jump around like that WHILE tuning, or before or after tuning? Jumping around while tuning is normal, before tuning might be an artifact of your radio reacting to a high SWR (what radio?). If it does that after tuning, you may have an antenna or feedline problem... but you say it does that into a dummy load too... any chance of a loose connection in the coax from the tuner to the dummy load?

I have two AT=1000Pro tuners and three of the older AT-1000 (non-Pro), and haven't seen a failure mode like that in the tuner itself, hence thinking, if it does this after the tune cycle completes, that it might be something else in your setup.

Rick WA1RKT
Londonderry, NH
Catch me on 14.300 MHz Intercon / MMSN most days

7586. Re: at-1000 pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-11-21 17:50:52 UTC
From: wa1rkt@...
Topic: 7582 Message: 7586

Barry;

Do you have another radio to try, or can you get with a ham friend and try it on his? Does it happen on all bands or just on one? (You can verify that with the dummy load.)

If you have a separate wattmeter or even just a separate SWR meter, try putting that in the line between radio and tuner, then between tuner and load, and see if its meter jumps around in sync with the meter in the tuner. That would help isolate any issues between the metering circuit and the tuner circuit.

Just kind of grasping at straws here, but it doesn't sound like a failure mode of the tuner except for perhaps a loose connection in the metering circuit, or marginal relay, and it would be good to be able to absolutely rule out everything else except the tuner.

Rick WA1RKT

7587. Re: at-1000 pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-11-21 17:56:33 UTC
From: Barry Fisher - N8DAD
Topic: 7582 Message: 7587

Ok I'll try different things and let you all know, thanks for all the help everyone
Barry

Sent to you from my Verizon Wireless 4G LTE DROID TURBO

7589. Re: [LDG-auto-tuners] at-1000 pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-11-22 19:38:50 UTC
From: ldgyahoo@...
Topic: 7582 Message: 7589

Alex,

That is not correct. If it's not a tube radio, there is no danger of damage to the tuner or radio tuning at 100 watts.

Also the relay are not rated at 100 watts, they are rated at just over 1000 watts. Please stop posting incorrect info or guesses.

The tuner also has safety software built in that will not allow the tuner to tune if the RF power is over about 150 watts.

Dwayne Kincaid
LDG

7591. Re: [LDG-auto-tuners] at-1000 pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-11-22 20:17:56 UTC
From: Paul Manuel
Topic: 7582 Message: 7591

blockquote, div.yahoo_quoted { margin-left: 0 !important; border-left:1px #715FFA solid !important; padding-left:1ex !important; background-color:white !important; } Thank you for posting that, Dwayne.
I don't have my LDG tuner yet, but I have read the AT-1000 manual.
73 Paul K4PDM

Sent from Yahoo Mail for iPhone

On Sunday, November 22, 2015, 2:38 PM, ldgyahoo@ldgelectronics.com [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:

Alex,

That is not correct. If it's not a tube radio, there is no danger of damage to the tuner or radio tuning at 100 watts.

Also the relay are not rated at 100 watts, they are rated at just over 1000 watts. Please stop posting incorrect info or guesses.

The tuner also has safety software built in that will not allow the tuner to tune if the RF power is over about 150 watts.

Dwayne Kincaid
LDG

7592. Re: [LDG-auto-tuners] at-1000 pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-11-22 20:27:14 UTC
From: Barry Fisher - N8DAD
Topic: 7582 Message: 7592

Thanks DeWayne I meant for the correct info. Yes you are correct..
73. No hard feelings to all just want correct info

Sent to you from my Verizon Wireless 4G LTE DROID TURBO
On Nov 22, 2015 3:10 PM, "Barry Fisher - N8DAD barry-n8dad@charter.net [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:

Thanks Alex, 73 n8dad

Sent to you from my Verizon Wireless 4G LTE DROID TURBO
On Nov 22, 2015 2:38 PM, "ldgyahoo@ldgelectronics.com [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:

Alex,

That is not correct. If it's not a tube radio, there is no danger of damage to the tuner or radio tuning at 100 watts.

Also the relay are not rated at 100 watts, they are rated at just over 1000 watts. Please stop posting incorrect info or guesses.

The tuner also has safety software built in that will not allow the tuner to tune if the RF power is over about 150 watts.

Dwayne Kincaid
LDG

7593. Re: [LDG-auto-tuners] at-1000 pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-11-23 20:15:10 UTC
From: ldgyahoo@...
Topic: 7582 Message: 7593

No Problem Barry,

I have a unique role in this group as it pretty much runs on it's own and that is fantastic. There are very many talented people that contribute and provide proper direction. Pretty much the only time I get involved is when someone does not follow policy or is way off on technical direction.

So I'm used to being the "bad guy" since I nearly never post unless something bad has happened and it needs to brought back to reality.

I accept that position and am proud to be part of system that helps out thousands of people with their tuner questions.

Dwayne Kincaid
LDG

7594. Re: at-1000 pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-11-24 16:09:42 UTC
From: GARY GADWA
Topic: 7582 Message: 7594

Thanks so very much for the LDG Staff stepping and clarifying issues and mis-truths. This kind of input is what makes the Forums worth following.

Thank you Dwayne Kincaid,

73,
Gary
W7FSI
Very satisfied LDG AT-1000 Pro 11 Tuner user.

7595. RE: [LDG-auto-tuners] Re: at-1000 pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-11-24 16:56:12 UTC
From: Bill Husted
Topic: 7582 Message: 7595

Yes, it's good to get the direct information from someone who knows.

We used to say - at my work - never ask the guy at the next desk.

Bill KQ4YA

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com]
Sent: Tuesday, November 24, 2015 11:10 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: at-1000 pro

Thanks so very much for the LDG Staff stepping and clarifying issues and mis-truths. This kind of input is what makes the Forums worth following.

Thank you Dwayne Kincaid,

73,

Gary

W7FSI

Very satisfied LDG AT-1000 Pro 11 Tuner user.

7596. FTL-Meter Power Scale

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-11-29 15:42:30 UTC
From: cbjesseeNH@...
Topic: 7596 Message: 7596

OK - silly question. On the FTL-Meter PWR scale, what's the first tick before the tick labeled 10? This page has a pic that's pretty clear LDG FTL-METER: Ham & Amateur Radios - Equipment, Parts and Supply | AES
http://www.aesham.com/analyzers/swr-meters/ldg-ftl-meter/

When I set to 5W on my FT-897D, the front panel scale shows 5W, a MFJ-828 Digital SWR/Wattmeter says 4.7W, and the FTL-Meter needle is exactly halfway between the two ticks. As I ramp power on the FT-897D, it seems dead-on at 10W, 20W.

http://www.aesham.com/analyzers/swr-meters/ldg-ftl-meter/

LDG FTL-METER: Ham & Amateur Radios - Equipmen...
http://www.aesham.com/analyzers/swr-meters/ldg-ftl-meter/ Large Multi-function Metering Capability for FT-857 / FT-897

View on www.aesham.com http://www.aesham.com/analyzers/swr-meters/ldg-ftl-meter/
Preview by Yahoo

7597. RE: [LDG-auto-tuners] FTL-Meter Power Scale

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-11-29 20:15:35 UTC
From: Tom Chesek
Topic: 7596 Message: 7597

I can't answer your specific question but it has always been the rule that when using analog meters the greatest accuracy is in the upper part of the scale. Could be a factor here too.

-------- Original message --------
From: "cbjesseeNH@comcast.net [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com>
Date: 11/29/2015 10:42 AM (GMT-05:00)
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] FTL-Meter Power Scale

OK - silly question. On the FTL-Meter PWR scale, what's the first tick before the tick labeled 10? This page has a pic that's pretty clear LDG FTL-METER: Ham & Amateur Radios - Equipment, Parts and Supply | AES

When I set to 5W on my FT-897D, the front panel scale shows 5W, a MFJ-828 Digital SWR/Wattmeter says 4.7W, and the FTL-Meter needle is exactly halfway between the two ticks. As I ramp power on the FT-897D, it seems dead-on at 10W, 20W.

LDG FTL-METER: Ham & Amateur Radios - Equipmen...
Large Multi-function Metering Capability for FT-857 / FT-897
View on www.aesham.com
Preview by Yahoo

7598. RE: [LDG-auto-tuners] FTL-Meter Power Scale

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-11-29 20:16:17 UTC
From: Tom Chesek
Topic: 7596 Message: 7598

Sorry, forgot to sign my post.

Tom k3tvc

-------- Original message --------
From: "cbjesseeNH@comcast.net [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com>
Date: 11/29/2015 10:42 AM (GMT-05:00)
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] FTL-Meter Power Scale

OK - silly question. On the FTL-Meter PWR scale, what's the first tick before the tick labeled 10? This page has a pic that's pretty clear LDG FTL-METER: Ham & Amateur Radios - Equipment, Parts and Supply | AES

When I set to 5W on my FT-897D, the front panel scale shows 5W, a MFJ-828 Digital SWR/Wattmeter says 4.7W, and the FTL-Meter needle is exactly halfway between the two ticks. As I ramp power on the FT-897D, it seems dead-on at 10W, 20W.

LDG FTL-METER: Ham & Amateur Radios - Equipmen...
Large Multi-function Metering Capability for FT-857 / FT-897
View on www.aesham.com
Preview by Yahoo

7599. Re: [LDG-auto-tuners] FTL-Meter Power Scale

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-11-30 04:07:37 UTC
From: Hank Greeb
Topic: 7596 Message: 7599

Do you have the specs for the FTL-Meter? I'd suspect that such a meter would have 10% accuracy, as would the one on the FT-897.

0.3 of a watt at 5 watts would be about 6% difference.

That's my take on the situation, not at all scientific, but, to me 4.7 and 5 seem within tolerance for most amateur radio applications.

72/73 de n8xx Hg
QRP >99.44% of the time

On 11/29/2015 10:42 AM, cbjesseeNH@... [LDG-auto-tuners] wrote:
>
>
> OK - silly question. On the FTL-Meter PWR scale, what's the first tick
> before the tick labeled 10? This page has a pic that's pretty clear
> LDG FTL-METER: Ham & Amateur Radios - Equipment, Parts and Supply |
> AES <http://www.aesham.com/analyzers/swr-meters/ldg-ftl-meter/>
>
> When I set to 5W on my FT-897D, the front panel scale shows 5W, a
> MFJ-828 Digital SWR/Wattmeter says 4.7W, and the FTL-Meter needle is
> exactly halfway between the two ticks. As I ramp power on the FT-897D,
> it seems dead-on at 10W, 20W.
>
>
>
> image <http://www.aesham.com/analyzers/swr-meters/ldg-ftl-meter/>
>
>
> LDG FTL-METER: Ham & Amateur Radios - Equipmen...
> <http://www.aesham.com/analyzers/swr-meters/ldg-ftl-meter/>
> Large Multi-function Metering Capability for FT-857 / FT-897
>
> View on www.aesham.com
> <http://www.aesham.com/analyzers/swr-meters/ldg-ftl-meter/>
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> Preview by Yahoo
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7600. YT-1200 Tuner FT-991 blocks keying VHF Amp, Linear, or Xvtr

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-12-02 02:46:32 UTC
From: jimeagle1@...
Topic: 7600 Message: 7600

Looking at the YT-1200 manual it looks like I would need to 'hack' the cable that supplies power and ground to the LDG tuner to also bring out the "TX GND" pin to an additional short cable going to an RCA Jack to use to key other accessories that may be on the "TUN/LIN" jack. In my case this would be a 222.1 MHz transverter and/or an HF, VHF or UHF amplifier.

It would have been nice for use with the FT-991 if a female RCA jack had been made part of the cable supplied to connect the 991's DIN 8 pin Jack to 14VDC Power jack used to power the YT-1200. Alternatively an RCA (or other jack) on the back of the tuner would allow passing the TX keying circuit through to other accessories.

7601. Re: LDG z-100 Plus buzzing or ticking sound

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-12-07 12:11:06 UTC
From: vk2jdr@...
Topic: 7536 Message: 7601

Well I'm just about convinced I have a faulty Z-100 plus autotuner regardless of it being "tested" by the technician at the place of purchase. The feedback was RF feeding back causing the problem, regardless of it being on a dummy load, resonant antenna, battery, etc. I feel I'm just being fobbed off on this issue.

I have since borrowed a YT-100 tuner, plugged it in and not a squeak - as I would expect. This model tuner doesn't seem to be bothered by RF feeding back! Oddly enough it looks very similar to the Z100 plus apart from the CAT interface.

Looks like my Z-100plus tuner will become a very expensive door weight as I can't use it with CW listening to it ticking away in the background.

Does anyone else have an issue similar to mine with it ticking in tune to CW being sent ?

73, David VK2JDR

7602. Re: [LDG-auto-tuners] Re: LDG z-100 Plus buzzing or ticking sound

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-12-07 13:19:01 UTC
From: Leonard K. Pennock
Topic: 7536 Message: 7602

What radio are you running it with? Have you tried it in semi mode to
see if the same issue exists?

Leonard K. Pennock
AD7AS

Those who walk bravely through life, unafraid of loss or failure,
find that they very rarely lose or fail.

On 12/07/2015 05:11 AM, vk2jdr@... [LDG-auto-tuners] wrote:
>
>
> Well I'm just about convinced I have a faulty Z-100 plus autotuner
> regardless of it being "tested" by the technician at the place of
> purchase. The feedback was RF feeding back causing the problem,
> regardless of it being on a dummy load, resonant antenna, battery, etc.
> I feel I'm just being fobbed off on this issue.
>
> I have since borrowed a YT-100 tuner, plugged it in and not a squeak -
> as I would expect. This model tuner doesn't seem to be bothered by RF
> feeding back! Oddly enough it looks very similar to the Z100 plus apart
> from the CAT interface.
>
> Looks like my Z-100plus tuner will become a very expensive door weight
> as I can't use it with CW listening to it ticking away in the background.
>
> Does anyone else have an issue similar to mine with it ticking in tune
> to CW being sent ?
>
>
> 73, David VK2JDR
>
>

7603. Re: [LDG-auto-tuners] Re: LDG z-100 Plus buzzing or ticking sound

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-12-09 15:17:45 UTC
From: Nick L
Topic: 7536 Message: 7603

I did just get another choke to put at the radio end, didn't fix it using a choke at both the antenna feedpoint and the radio end. Fustrating!

On Mon, Dec 7, 2015 at 8:19 AM, 'Leonard K. Pennock' leonardpennock@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:

>
>
> What radio are you running it with? Have you tried it in semi mode to
> see if the same issue exists?
>
> Leonard K. Pennock
> AD7AS
>
> Those who walk bravely through life, unafraid of loss or failure,
> find that they very rarely lose or fail.
>
> On 12/07/2015 05:11 AM, vk2jdr@... [LDG-auto-tuners] wrote:
> >
> >
> > > Well I'm just about convinced I have a faulty Z-100 plus autotuner
> > > regardless of it being "tested" by the technician at the place of
> > > purchase. The feedback was RF feeding back causing the problem,
> > > regardless of it being on a dummy load, resonant antenna, battery, etc.
> > > I feel I'm just being fobbed off on this issue.
> >
> > > I have since borrowed a YT-100 tuner, plugged it in and not a squeak -
> > > as I would expect. This model tuner doesn't seem to be bothered by RF
> > > feeding back! Oddly enough it looks very similar to the Z100 plus apart
> > > from the CAT interface.
> >
> > > Looks like my Z-100plus tuner will become a very expensive door weight
> > > as I can't use it with CW listening to it ticking away in the background.
> >
> > > Does anyone else have an issue similar to mine with it ticking in tune
> > > to CW being sent ?
> >
> >
> > > 73, David VK2JDR
> >
> >
>
>

7604. Re: LDG z-100 Plus buzzing or ticking sound

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-12-09 13:07:25 UTC
From: vk2jdr@...
Topic: 7536 Message: 7604

Hi Leonard,

I'm running an FT-857D and also run it on an FT-920. Makes no difference.

If you semi-mode means by-pass, yes I've tried it in by-pass. Also makes no difference.

73, David VK2JDR

7605. Re: [LDG-auto-tuners] Re: LDG z-100 Plus buzzing or ticking sound

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-12-10 15:09:10 UTC
From: groups.stevelenaghan@...
Topic: 7536 Message: 7605

How are you powering it? There is a possibility that RF could affect a switching type wall wart and causing some radical fluctuations in DC out. Mine is powered by my radio. For a box that is full of RF when it is in operation, it confuses me how a bit of external RF could be an issue. The PA stage of the Collins 821A2 was a tuned cavity and at 250 KW it worked perfectly, that is RF folks!

73 Steve VE5SR

7606. Re: LDG z-100 Plus buzzing or ticking sound

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-12-11 13:22:46 UTC
From: vk2jdr@...
Topic: 7536 Message: 7606

Hi Steve, it's being powered by AA batteries installed inside as per the LDG youtube guide. With the batteries installed the unit makes a ticking sound (like a relay activating) yet when I pull the battery pack out, the ticking changes to a buzzing sound, with the speed of the buzzing increasing with power. I think I will produce a youtube video so the sound can be heard. It is rather loud, I can hear it with my headphones on.

Regards,

73, David VK2JDR

7607. Re: [LDG-auto-tuners] Re: LDG z-100 Plus buzzing or ticking sound

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-12-11 21:17:30 UTC
From: Nick L
Topic: 7536 Message: 7607

I have the exact same symptoms as David in regards to the ticking changing
to a buzzing sound, depending on whether the unit has power or not.

On Fri, Dec 11, 2015 at 8:22 AM, vk2jdr@... [LDG-auto-tuners] <
LDG-auto-tuners@yahoogroups.com> wrote:

>
>
> Hi Steve, it's being powered by AA batteries installed inside as per the
> LDG youtube guide. With the batteries installed the unit makes a ticking
> sound (like a relay activating) yet when I pull the battery pack out, the
> ticking changes to a buzzing sound, with the speed of the buzzing
> increasing with power. I think I will produce a youtube video so the sound
> can be heard. It is rather loud, I can hear it with my headphones on.
>
> Regards,
>
> 73, David VK2JDR
>
>

7608. Re: LDG z-100 Plus buzzing or ticking sound

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-12-14 12:08:06 UTC
From: vk2jdr@...
Topic: 7536 Message: 7608

Well I took it back to the retailer along with my rig and battery and tried another Z100 plus. It is exactly the same i.e same buzzing sound on key down.

I ended up exchanging for a YT-100. Now works as expected and silent when sending!

73, David VK2JDR

7609. LDG Holiday Schedule

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-12-14 22:49:49 UTC
From: ldgyahoo@...
Topic: 7609 Message: 7609

2015-2016 Holiday Schedule LDG will be closed from Dec 18 to Jan 4. We can still receive packages from UPS and USPS and some technical support will be available by e-mail. No telephone support will be available and no updates on repairs will be available.

Dwayne Kincaid

LDG

7610. LDG AT-200Pro (not a pro II) current draw?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-12-16 11:44:46 UTC
From: fudgies@...
Topic: 7610 Message: 7610

Hi All,

Just out of curiosity really, I wonder has anyone else noticed this issue?

My AT-200Pro (not a pro II) draws approx 500ma when powered on. This is even with no RF applied, and also when the radio is powered off. I have discovered that with a single press of the Tune/Store switch a relay switches and the current draw drops to approx 100ma. I can toggle between the higher and lower current consumption with this switch. Pressing this switch the relay is quieter when the current draw is higher, then the relay gives a louder clunk for the lower current.

It is working OK other that this little glitch, the user manual states that the tuner goes into "deep sleep mode" after a few seconds and draws only a few ma but this one doesn't seem to do that and it has always been like this as far as I know.

I preformed a full reset on the tuner which cleared all the memories and reset it to factory default settings but it's still the same. I run it off the same PSU as the radio so maybe it's a ground loop or something, as the Radio (FTdx3000) draws approx 100ma even when its switched off which is normal for this rig.

Any ideas?

73

James EI2IV

7611. Re: [LDG-auto-tuners] LDG AT-200Pro (not a pro II) current draw?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-12-16 13:36:10 UTC
From: Leonard K. Pennock
Topic: 7610 Message: 7611

The short push of Tune switch puts the tuner in bypass mode so all
relays disengage. In tuned mode relays are engaged so they draw
current. Unlike some of the other LDG tuners the AT200 does NOT use
latching relays so it take current to keep them engaged.

Leonard K. Pennock
AD7AS

Those who walk bravely through life, unafraid of loss or failure,
find that they very rarely lose or fail.

On 12/16/2015 04:44 AM, fudgies@... [LDG-auto-tuners] wrote:
>
>
> Hi All,
>
>
> Just out of curiosity really, I wonder has anyone else noticed this issue?
>
>
> My AT-200Pro (not a pro II) draws approx 500ma when powered on. This is
> even with no RF applied, and also when the radio is powered off. I have
> discovered that with a single press of the Tune/Store switch a relay
> switches and the current draw drops to approx 100ma. I can toggle
> between the higher and lower current consumption with this switch.
> Pressing this switch the relay is quieter when the current draw is
> higher, then the relay gives a louder clunk for the lower current.
>
>
> It is working OK other that this little glitch, the user manual states
> that the tuner goes into "deep sleep mode" after a few seconds and draws
> only a few ma but this one doesn't seem to do that and it has always
> been like this as far as I know.
>
>
> I preformed a full reset on the tuner which cleared all the memories and
> reset it to factory default settings but it's still the same. I run it
> off the same PSU as the radio so maybe it's a ground loop or something,
> as the Radio (FTdx3000) draws approx 100ma even when its switched off
> which is normal for this rig.
>
>
> Any ideas?
>
>
> 73

>
>
> James EI2IV
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>
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>

7612. Re: LDG AT-200Pro (not a pro II) current draw?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-12-16 22:05:57 UTC
From: fudgies@...
Topic: 7610 Message: 7612

Thanks Leonard, I didn't know that the tune switch put it in bypass mode, you learn something new everyday. It's seems so that the LDG user manual is misleading that there is no such deep sleep mode where the unit draws just a few ma. Do you still own a AT200pro & FT-950 if you do I wonder are you getting similar power consumption readings on yours? It's a fairly similar set-up to mine with the FTdx3000.

73

James EI2IV

7613. Re: [LDG-auto-tuners] Re: LDG AT-200Pro (not a pro II) current draw?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-12-17 00:23:39 UTC
From: Leonard K. Pennock
Topic: 7610 Message: 7613

Yes I still own it. Would be hard for me to take a power reading as I have mine powered off the 950 using a cable I built a long time ago. My manual has the power consumption rating as:

Power requirements: 11 to 15 volts DC at 500mA (750 mA max during tuning)

Leonard K. Pennock
AD7AS

Those who walk bravely through life, unafraid of loss or failure,
find that they very rarely lose or fail.

On 12/16/2015 03:05 PM, fudgies@... [LDG-auto-tuners] wrote:
>
>
> Thanks Leonard, I didn't know that the tune switch put it in bypass
> mode, you learn something new everyday. It's seems so that the LDG user
> manual is misleading that there is no such deep sleep mode where the
> unit draws just a few ma. Do you still own a AT200pro & FT-950 if you do
> I wonder are you getting similar power consumption readings on yours?
> It's a fairly similar set-up to mine with the FTdx3000.
>
> 73
>
> James EI2IV
>
>
>

7614. Re: [LDG-auto-tuners] Re: LDG AT-200Pro (not a pro II) current draw?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-12-17 09:34:28 UTC
From: fudgies@...
Topic: 7610 Message: 7614

What's in your manual makes more sense Leonard so it may have been updated, my manual has this paragraph,

""The relays operate from DC supplied by via the power input jack. The total current drawn by the
AT-200Pro depends primarily on the number of energized relays, with the maximum current drain being approximately 750 mA, but only during the few seconds a tuning cycle is running. At
all other times, the tuner is in a “deep sleep” mode drawing only a few milliamps. The last tuned
setting is automatically reset on the next power-up.""

73

James EI2IV

7615. Re: [LDG-auto-tuners] Re: LDG AT-200Pro (not a pro II) current draw?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-12-17 16:07:03 UTC
From: Ed Jesser
Topic: 7610 Message: 7615

Hi: I think you sent your answer, email, to the wrong person. Have a great day and Happy Christmas, Ed K6VPX

On Wed, 12/16/15, 'Leonard K. Pennock' leonardpennock@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:

Subject: Re: [LDG-auto-tuners] Re: LDG AT-200Pro (not a pro II) current draw?
To: LDG-auto-tuners@yahoogroups.com
Date: Wednesday, December 16, 2015, 4:23 PM

Yes I still own it. Would be hard for me to take a power reading as I

have mine powered off the 950 using a cable I built a long time ago. My

manual has the power consumption rating as:

Power requirements: 11 to 15 volts DC at 500mA (750 mA max during tuning)

Leonard K. Pennock

AD7AS

Those who walk bravely through life, unafraid of loss or failure,

find that they very rarely lose or fail.

On 12/16/2015 03:05 PM, fudgies@... [LDG-auto-tuners] wrote:

>

>

> Thanks Leonard, I didn't know that the tune switch put it in bypass

> mode, you learn something new everyday. It's seems so that the LDG user

> manual is misleading that there is no such deep sleep mode where the

> unit draws just a few ma. Do you still own a AT200pro & FT-950 if you do

> I wonder are you getting similar power consumption readings on yours?

> It's a fairly similar set-up to mine with the FTdx3000.

>

> 73

>

> James EI2IV

>

>

>

7616. Re: LDG AT-200Pro (not a pro II) current draw?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-12-18 09:05:29 UTC
From: fudgies@...
Topic: 7610 Message: 7616

I'm not sure what happened there sorry about that :-(happy holidays have a great one!!

73

James EI2IV

7617. Re: [LDG-auto-tuners] Re: LDG AT-200Pro (not a pro II) current draw?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-12-18 09:09:20 UTC
From: fudgies@...
Topic: 7610 Message: 7617

What's in your manual makes more sense Leonard so it may have been updated, my manual has this paragraph,

""The relays operate from DC supplied by via the power input jack. The total current drawn by the
AT-200Pro depends primarily on the number of energized relays, with the maximum current drain being approximately 750 mA, but only during the few seconds a tuning cycle is running. At
all other times, the tuner is in a “deep sleep” mode drawing only a few milliamps. The last tuned
setting is automatically reset on the next power-up.""

73

James EI2IV

7618. Going back to manual tuner !

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-12-21 12:57:45 UTC
From: rmckee1957@...
Topic: 7618 Message: 7618

I'm beginning to hate auto tuners altogether ! While trying to work DX on 17 meters over the weekend, I look up and notice my power output is way down and the swr is sky high. Hit the tune button and the swr drops to almost nothing and 2 words into a call and it does it all over again. power drops and swr skyrockets. So I give up on auto tuners. This is my third LDG product and have had the same problem with every one of them - they just won't stay tuned. I've tried everything I know from putting ferrites on all cables, used chokes everywhere, set the threshold higher, made sure its well grounded etc etc, and nothing I have done will allow it to stay tuned except on a few frequencies. So for now my Z11 Pro2 is going in the closet and I put my old reliable MFJ-949D back in service. Its a lot slower, but I know it will stay tuned no matter what ! By the way, never did work the DX station because of the problem.....

KC8AON

7619. Re: [LDG-auto-tuners] Going back to manual tuner !

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-12-21 14:57:40 UTC
From: Jim Tylee
Topic: 7618 Message: 7619

I have 2 of these tuners and they both work perfectly never any problems
Using a Doublet aerial .....it stays tuned no arsing about at all
Jim G4REK
<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=webmail>
This
email has been sent from a virus-free computer protected by Avast.
www.avast.com
<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=webmail>
<#DDB4FAA8-2DD7-40BB-A1B8-4E2AA1F9FDF2>

On Mon, Dec 21, 2015 at 12:57 PM, rmckee1957@... [LDG-auto-tuners] <
LDG-auto-tuners@yahoogroups.com> wrote:

>
>
> I'm beginning to hate auto tuners altogether ! While trying to work DX on
> 17 meters over the weekend, I look up and notice my power output is way
> down and the swr is sky high. Hit the tune button and the swr drops to
> almost nothing and 2 words into a call and it does it all over again. power
> drops and swr skyrockets. So I give up on auto tuners. This is my third
> LDG product and have had the same problem with every one of them - they
> just won't stay tuned. I've tried everything I know from putting ferrites
> on all cables, used chokes everywhere, set the threshold higher, made sure
> its well grounded etc etc, and nothing I have done will allow it to stay
> tuned except on a few frequencies. So for now my Z11 Pro2 is going in the
> closet and I put my old reliable MFJ-949D back in service. Its a lot
> slower, but I know it will stay tuned no matter what ! By the way, never
> did work the DX station because of the problem.......
>
>
>
> KC8AON
>
>
>

7620. Re: [LDG-auto-tuners] Going back to manual tuner !

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-12-21 18:22:12 UTC
From: Jim WB8NBI
Topic: 7618 Message: 7620

I have used LDG tuners for years. The only time I had a problem like this was when my coax had a cold solder joint in the PL-259.

From: mailto:LDG-auto-tuners@yahoogroups.com
Sent: Monday, December 21, 2015 7:57 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Going back to manual tuner !

I'm beginning to hate auto tuners altogether ! While trying to work DX on 17 meters over the weekend, I look up and notice my power output is way down and the swr is sky high. Hit the tune button and the swr drops to almost nothing and 2 words into a call and it does it all over again. power drops and swr skyrockets. So I give up on auto tuners. This is my third LDG product and have had the same problem with every one of them - they just won't stay tuned. I've tried everything I know from putting ferrites on all cables, used chokes everywhere, set the threshold higher, made sure its well grounded etc etc, and nothing I have done will allow it to stay tuned except on a few frequencies. So for now my Z11 Pro2 is going in the closet and I put my old reliable MFJ-949D back in service. Its a lot slower, but I know it will stay tuned no matter what ! By the way, never did work the DX station because of the problem.....

KC8AON

7621. Re: [LDG-auto-tuners] Going back to manual tuner !

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-12-21 18:11:50 UTC
From: Alex Netherton
Topic: 7618 Message: 7621

If you're only gonna operate on one band, sure. If you switch bands a lot, it is a chore to tune the tuner every time. If I have ever operated at a frequency, the tuner says "click", and it is there, no need to run a tune cycle.

73 de W5ALX EM85ro Buncombe County NC
Alex Netherton
http://blueridgediscovery.org
On 12/21/2015 9:57:42 AM, Jim Tylee tylee891@... [LDG-auto-tuners]
<ldg-auto-tuners@yahoogroups.com> wrote:

I have 2 of these tuners and they both work perfectly never any problems
     Using a Doublet aerial .....it stays tuned no arsing about at all
           Jim G4REK
[https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=webmail] This email has been sent from a virus-free computer protected by Avast.
www.avast.com [https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=webmail]
[#DDB4FAA8-2DD7-40BB-A1B8-4E2AA1F9FDF2]

On Mon, Dec 21, 2015 at 12:57 PM, rmckee1957@... [mailto:rmckee1957@...] [LDG-auto-tuners]
<LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com]> wrote:

I'm beginning to hate auto tuners altogether ! While trying to work DX on 17 meters over the weekend, I look up and notice my power output is way down and the swr is sky high. Hit the tune button and the swr drops to almost nothing and 2 words into a call and it does it all over again. power drops and swr skyrockets. So I give up on auto tuners. This is my third LDG product and have had the same problem with every one of them - they just won't stay tuned. I've tried everything I know from putting ferrites on all cables, used chokes everywhere, set the threshold higher, made sure its well grounded etc etc, and nothing I have done will allow it to stay tuned except on a few frequencies. So for now my Z11 Pro2 is going in the closet and I put my old reliable MFJ-949D back in service. Its a lot slower, but I know it will stay tuned no matter what ! By the way, never did work the DX station because of the problem.....

KC8AON

7622. RE: [LDG-auto-tuners] Going back to manual tuner !

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-12-21 18:25:57 UTC
From: Mike Hyman
Topic: 7618 Message: 7622

Same here I have been using LDG tuners for years and never had any problem except once and it was bad coax jumper.

73

Mike

W4oco

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com]
Sent: Monday, December 21, 2015 1:22 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] Going back to manual tuner !

I have used LDG tuners for years. The only time I had a problem like this was when my coax had a cold solder joint in the PL-259.

From: mailto:LDG-auto-tuners@yahoogroups.com

Sent: Monday, December 21, 2015 7:57 AM

To: LDG-auto-tuners@yahoogroups.com

Subject: [LDG-auto-tuners] Going back to manual tuner !

I'm beginning to hate auto tuners altogether ! While trying to work DX on 17 meters over the weekend, I look up and notice my power output is way down and the swr is sky high. Hit the tune button and the swr drops to almost nothing and 2 words into a call and it does it all over again. power drops and swr skyrockets. So I give up on auto tuners. This is my third LDG product and have had the same problem with every one of them - they just won't stay tuned. I've tried everything I know from putting ferrites on all cables, used chokes everywhere, set the threshold higher, made sure its well grounded etc etc, and nothing I have done will allow it to stay tuned except on a few frequencies. So for now my Z11 Pro2 is going in the closet and I put my old reliable MFJ-949D back in service. Its a lot slower, but I know it will stay tuned no matter what ! By the way, never did work the DX station because of the problem.....

KC8AON

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2016.0.7294 / Virus Database: 4489/11226 - Release Date: 12/21/15

7623. Re: [LDG-auto-tuners] Going back to manual tuner !

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-12-21 18:33:32 UTC
From: Alex Netherton
Topic: 7618 Message: 7623

Hmmmmm. I use a LDG AT-600Pro II Autotuner for the station, and a AT-100ProII for my mobile/portable/Field Day. Both work like champs. I have worked almost every DX I have heard, and I use a SB-200 when I have trouble.
I have had troubles like you describe, and it was a bad connection somewhere.

I use a 4:1 voltage balun (from a Heathkit SA-2040) for my antenna, which is a 102' doublet fed with balanced line all the way back to the shack.

After using manual tuners, and missing DX while tunng, I cannot see ever going back.

73 de W5ALX EM85ro Buncombe County NC
Alex Netherton
http://blueridgediscovery.org
On 12/21/2015 1:22:17 PM, 'Jim WB8NBI' wb8nbi@suddenlink.net [LDG-auto-tuners] <ldg-auto-tuners@yahoogroups.com> wrote:

I have used LDG tuners for years. The only time I had a problem like this was when my coax had a cold solder joint in the PL-259.

From: mailto:LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com]
Sent: Monday, December 21, 2015 7:57 AM
To: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com]
Subject: [LDG-auto-tuners] Going back to manual tuner !

I'm beginning to hate auto tuners altogether ! While trying to work DX on 17 meters over the weekend, I look up and notice my power output is way down and the swr is sky high. Hit the tune button and the swr drops to almost nothing and 2 words into a call and it does it all over again. power drops and swr skyrockets. So I give up on auto tuners. This is my third LDG product and have had the same problem with every one of them - they just won't stay tuned. I've tried everything I know from putting ferrites on all cables, used chokes everywhere, set the threshold higher, made sure its well grounded etc etc, and nothing I have done will allow it to stay tuned except on a few frequencies. So for now my Z11 Pro2 is going in the closet and I put my old reliable MFJ-949D back in service. Its a lot slower, but I know it will stay tuned no matter what ! By the way, never did work the DX station because of the problem.....

KC8AON

7624. Re: [LDG-auto-tuners] Going back to manual tuner !

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-12-21 19:47:15 UTC
From: Don Sanders
Topic: 7618 Message: 7624

Thankfully my LDG 100 PRO has not given me that problem. However like you I have my MFJ 941B and 944 permanently hooked to two additional antennas which I can select quickly as needed.

Never can have too many antennas--right!

Dr. Don HC4/W4BWS

On Mon, Dec 21, 2015 at 7:57 AM, rmckee1957@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:

>
>
> I'm beginning to hate auto tuners altogether ! While trying to work DX on
> 17 meters over the weekend, I look up and notice my power output is way
> down and the swr is sky high. Hit the tune button and the swr drops to
> almost nothing and 2 words into a call and it does it all over again. power
> drops and swr skyrockets. So I give up on auto tuners. This is my third
> LDG product and have had the same problem with every one of them - they
> just won't stay tuned. I've tried everything I know from putting ferrites
> on all cables, used chokes everywhere, set the threshold higher, made sure
> its well grounded etc etc, and nothing I have done will allow it to stay
> tuned except on a few frequencies. So for now my Z11 Pro2 is going in the
> closet and I put my old reliable MFJ-949D back in service. Its a lot
> slower, but I know it will stay tuned no matter what ! By the way, never
> did work the DX station because of the problem.......
>
>
>
> KC8AON
>
>
>

7625. AT-600Pro AutoTuner to FT-dx1200 adapter cable

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-12-21 19:20:04 UTC
From: ad7gr@...
Topic: 7625 Message: 7625

My AT-600Pro AutoTuner to FT-dx1200 adapter cable project.
I used a shielded stereo audio cable from my "junk box", wired the Linear plug's TX REQ IN (pin 10) to the (1/8") plug's tip and it's sleeve to GND (pin-3)... no connection to the ring... just as Chris, VK2BYI, described in his article (http://www.vk2byi.com.au/at-1000proii-memory-tuning-issue/ http://www.vk2byi.com.au/at-1000proii-memory-tuning-issue/). I set the AT-600Pro automatic tuning mode to Auto, my 1200's Menu #179 Tuner Select to External.

When tuning is initiated by a medium press of the AT-600Pro's [Tune] button, the 1200 reduces TX power, goes to TX until a match is found and then drops out, returning the 1200 to it's previous power setting... just as it should. It's great to have this additional ease in tuning.

The Linear plug is a 10-pin mini-DIN plug which is available on the Internet. Understand what you are attempting before beginning this project. Chris has a nice image of the Linear jack. (BTW... Do NOT use the 1200's [TUNE] button).

Ed - ad7gr

7626. Re: Going back to manual tuner !

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-12-21 20:50:46 UTC
From: rmckee1957@...
Topic: 7618 Message: 7626

After using manual tuners, and missing DX while tunng, I cannot see ever going back. <snip>

That's why I switched to an auto tuner in the first place. I don't get a lot of time to operate and would love to spend less time tuning and more time calling. The thing that bothers me is that the antenna isn't that bad on 17 meters to begin with - about a 2.5:1 and it tunes real quick with the Z11 Pro2 on that band, but then start calling and it starts trying to retune and the swr shoots way up which makes the rig fold back dropping the power. I have 2 other auto tuners, the Icom AH-4 and the SGC-237 but they are mainly designed for end fed wires and whips and not coax fed antennas. I have used them with coax fed antennas, but they really don't recommend it.

KC8AON

7627. Re: [LDG-auto-tuners] Re: Going back to manual tuner !

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-12-21 22:11:04 UTC
From: Alex, W5ALX
Topic: 7618 Message: 7627

Try pressing the key combo that locks the tuner. Forget what it is, but I have to do that on my 600 Pro II sometimes.

73 de W5ALX
Alex Netherton
http://blueridgediscovery.org

Sent from TypeMail

On Dec 21, 2015, 4:54 PM, at 4:54 PM, "rmckee1957@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:
>After using manual tuners, and missing DX while tunng, I cannot see
>ever going back. <snip>
>
>That's why I switched to an auto tuner in the first place. I don't get
>a lot of time to operate and would love to spend less time tuning and
>more time calling. The thing that bothers me is that the antenna isn't
>that bad on 17 meters to begin with - about a 2.5:1 and it tunes real
>quick with the Z11 Pro2 on that band, but then start calling and it
>starts trying to retune and the swr shoots way up which makes the rig
>fold back dropping the power. I have 2 other auto tuners, the Icom
>AH-4 and the SGC-237 but they are mainly designed for end fed wires and
>whips and not coax fed antennas. I have used them with coax fed
>antennas, but they really don't recommend it.
>
> KC8AON
>

7628. Re: [LDG-auto-tuners] Going back to manual tuner !

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-12-21 22:28:59 UTC
From: Joe
Topic: 7618 Message: 7628

Good point.

I was thinking of something like that being wrong. Under low power tuning it might work just fine. When you start to transmit, the higher power breaks down the connection momentarily. I've seen many PL-259 with the shield not soldered. A little corrosion and you can have a problem like this.

Joe

On 12/21/2015 1:22 PM, 'Jim WB8NBI' wb8nbi@...
[LDG-auto-tuners] wrote:
> I have used LDG tuners for years. The only time I had a problem like
> this was when my coax had a cold solder joint in the PL-259.
>

7629. Re: Going back to manual tuner !

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-12-21 22:37:31 UTC
From: wa1rkt@...
Topic: 7618 Message: 7629

I have 10 LDG tuners including three AT-1000, two AT-1000Pro, and five smaller tuners, and all have performed flawlessly in every environment from the shack to field portable to mobile, never a problem after I added chokes to all of the power leads to the tuners.

My guess would be a loose connection somewhere in your rig-to-antenna path, or suboptimal grounding, or just lots of RF in the shack.

Rick WA1RKT

7630. RE: [LDG-auto-tuners] Re: Going back to manual tuner !

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-12-21 22:39:30 UTC
From: Bill Husted
Topic: 7618 Message: 7630

I have several of the LDG tuners. And like them, have no problems with them and use them. But I have to confess that over time I've drifted back to my Palstar AT2K tuner for more than half my operating. I don't preach this as the gospel or as a better way. I think it may have more to do with me being a 13-year-old kid trapped in the body of an old bald guy. I enjoy the process of tuning, of turning the knobs on my AT2K. It makes me feel like a ham. Again, this isn't advice or argument, but after reading all this I just felt to let you know.

If ham radio was a business and I had to be efficient, if every second counted, I'd probably stay away from my manual tuner. But since it gives me pleasure I won't worry. I do have several of the LDG tuners and think they are top notch and do have them connected to some of my transceivers. But on my main radio and amp, the AT2K sits there waiting for me to do some tuning - to get things down to the point where the SWR needle doesn't dare to move, even a bit and stays right there. If I miss some rare DX, I think - after 50 or so years in the hobby - I'll get over it.

Bill KQ4YA

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com]
Sent: Monday, December 21, 2015 3:51 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: Going back to manual tuner !

After using manual tuners, and missing DX while tunng, I cannot see ever going back. <snip>

That's why I switched to an auto tuner in the first place. I don't get a lot of time to operate and would love to spend less time tuning and more time calling. The thing that bothers me is that the antenna isn't that bad on 17 meters to begin with - about a 2.5:1 and it tunes real quick with the Z11 Pro2 on that band, but then start calling and it starts trying to retune and the swr shoots way up which makes the rig fold back dropping the power. I have 2 other auto tuners, the Icom AH-4 and the SGC-237 but they are mainly designed for end fed wires and whips and not coax fed antennas. I have used them with coax fed antennas, but they really don't recommend it.

KC8AON

7631. Re: [LDG-auto-tuners] Going back to manual tuner !

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-12-21 23:02:53 UTC
From: Hank Greeb
Topic: 7618 Message: 7631

I had a coax connector on a Rat Shack RG-58U jumper go bad on me during
the recent RAC contest. Took me over 30 minutes to figure it out, since
this was the first time in my 60+ years of hamming that this happened to me.

BTW, my LDG Z-100 (original model) has worked like a champ for 5 or more
years. It was sold to me for a song because the original owner put it
in the rear ledge of his pickup and the lid of the plastic case warped
so I need to either replace it, or do what I've been doing for 5 or more
years - use electrical tape to hold it together. :)

72/73 de n8xx Hg
QRP >99.44% of the time

On 12/21/2015 5:28 PM, Joe k1ike_mail@... [LDG-auto-tuners] wrote:
> Good point.
>
> I was thinking of something like that being wrong. Under low power
> tuning it might work just fine. When you start to transmit, the higher
> power breaks down the connection momentarily. I've seen many PL-259
> with the shield not soldered. A little corrosion and you can have a
> problem like this.
>
> Joe

7632. Re: [LDG-auto-tuners] Going back to manual tuner !

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-12-21 23:36:11 UTC
From: Jim Allen
Topic: 7618 Message: 7632

Just about every antenna anomaly I have ever experienced in 56 years was traceable to a bad connector, bad soldering of coax to connector or bad coax. If I build an antenna, either from store bought which I avoid, or home brew per an article, and it doesn't tune up, take power as anticipated, that is the first thing I start looking for.

The one exception I can recall was a giant quad I built very carefully from a QST article. When we got it on the tower it was lousy, no F/B, SWRs all over the place, almost deaf it seemed. After a good deal of head scratching, wailing, and consultation with the article author, we figured out I had used insulated solid No. 12 instead of enameled wire. Something about velocity factor. I spend more than a week of evenings scraping the insulation off the ~1000' of wire, with the antenna sitting on the tower just above the roof, me on the roof with a pocket knife. Once I got that back up, the antenna performed spectacularly.

It's always something!

73 de W6OGC Jim Allen

On Mon, Dec 21, 2015 at 5:02 PM, Hank Greeb n8xx@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:

>
>
> I had a coax connector on a Rat Shack RG-58U jumper go bad on me during
> the recent RAC contest. Took me over 30 minutes to figure it out, since
> this was the first time in my 60+ years of hamming that this happened to
> me.
>
> BTW, my LDG Z-100 (original model) has worked like a champ for 5 or more
> years. It was sold to me for a song because the original owner put it
> in the rear ledge of his pickup and the lid of the plastic case warped
> so I need to either replace it, or do what I've been doing for 5 or more
> years - use electrical tape to hold it together. :)
>
> 72/73 de n8xx Hg
> QRP >99.44% of the time
>
> On 12/21/2015 5:28 PM, Joe k1ike_mail@... [LDG-auto-tuners] wrote:
> > Good point.
> >
> > I was thinking of something like that being wrong. Under low power
> > tuning it might work just fine. When you start to transmit, the higher
> > power breaks down the connection momentarily. I've seen many PL-259
> > with the shield not soldered. A little corrosion and you can have a

> > problem like this.
> >
> > Joe
>
>

7633. Re: [LDG-auto-tuners] AT-600Pro AutoTuner to FT-dx1200 adapter cable

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-12-22 01:48:22 UTC
From: Brian Denley
Topic: 7625 Message: 7633

How did you 'program' the tuner to talk to your Yaesu so the the power was reduced, etc? Doesn't there have to be some firmware or software changes?

Brian Denley
KB1VBF
Sent from my iPad

> On Dec 21, 2015, at 2:20 PM, ad7gr@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:
>
> My AT-600Pro AutoTuner to FT-dx1200 adapter cable project.
> I used a shielded stereo audio cable from my "junk box", wired the Linear plug's TX REQ IN (pin 10) to the (1/8") plug's tip and it's sleeve to GND (pin-3)... no connection to the ring... just as Chris, VK2BYI, described in his article (http://www.vk2byi.com.au/at-1000proii-memory-tuning-issue/). I set the AT-600Pro automatic tuning mode to Auto, my 1200's Menu #179 Tuner Select to External.
>
> When tuning is initiated by a medium press of the AT-600Pro's [Tune] button, the 1200 reduces TX power, goes to TX until a match is found and then drops out, returning the 1200 to it's previous power setting... just as it should. It's great to have this additional ease in tuning.
>
> The Linear plug is a 10-pin mini-DIN plug which is available on the Internet. Understand what you are attempting before beginning this project. Chris has a nice image of the Linear jack. (BTW... Do NOT use the 1200's [TUNE] button).
>
>
>
> Ed - ad7gr
>
>

7634. Re: Going back to manual tuner !

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-12-22 12:58:19 UTC
From: rmckee1957@...
Topic: 7618 Message: 7634

I've checked all my jumpers and the solder connections are all solid. Even made up new ones and replaced them and it does the same thing. When I make a jumper, I first solder the shield to the reducer then once its screwed into place I also solder that to the shell. But at any rate its not a connection problem. I even checked for RF problems with no detectable feedback on the shield and the coax feeding the antenna has 12 #43 ferrite beads on it where it connects to the tuner. Folks keep saying its an RF problem, well for one thing, I thought a tuner was designed to handle RF ? Just doesn't make sense to me, but at any rate the LDG will be relegated to use portable with QRP rigs where the low power should eliminate most of the "RF" getting into the tuner because every one of them I've had didn't like it when I dumped 100 watts into them and acted weird in some way or another. And its not like I'm trying to cure a huge mismatch because the antenna is an off center fed dipole that is very close to resonance in the first place and only needs the tuner in small portions of some bands. The highest mismatch it has seen is about a 3:1 on the upper end of 80 meters, and by the way it has done a fair job down there. OH well, nuff said.....

KC8AON

7635. Re: Going back to manual tuner !

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-12-22 14:32:39 UTC
From: wa1rkt@...
Topic: 7618 Message: 7635

Good morning, Richard.

I understand the frustration but it would be a real shame to give up on the convenience of the autotuner just because of this, when so many of us have had excellent success with them at power levels all the way up to 1000 watts.

For one thing, 12 #43 beads is often marginal at best; depending on how much RF you are trying to suppress you could possibly need as many as 20-25 of them (really!!) to truly suppress the RF on the coax.

For another thing, the tuner end of the coax is the wrong place to put the beads; they should be at the antenna feedpoint end. If you're going to do that, though, you're far better off with a 1:1 choke-type (current) balun or unun. I use 20 beads on my extended double zepp feedline only because I had them and did not have a spare 1:1 current balun, and they work pretty well (which is to say, well enough) although the choke balun would have been better and I will probably change it in the spring.

Make sure the ground stud on the autotuner is grounded with a fat lead as short as practical; don't depend on the shield of the coax jumper to the rig to provide the ground.

Finally, the power cable to the tuner should be looped several times through one of those #43 beads you have. I did have issues with my autotuners at higher power (500+ watts) until I did that.

Rick WA1RKT
Londonderry, NH
Catch me on 14.300 MHz Intercon / MMSN most days

7636. Re: [LDG-auto-tuners] Re: Going back to manual tuner !

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-12-22 14:40:27 UTC
From: Joe
Topic: 7618 Message: 7636

Before you completely give up I would add 10-20 feet of coax or more to the antenna line and see what happens. I've seen this fix some problems where the antenna is not quite resonant and the antenna tuner is trying to fix some odd L/C combinations. It's worth a try and easy to do.

73, Joe, K1ike

On 12/22/2015 7:58 AM, rmckee1957@... [LDG-auto-tuners] wrote:
> I've checked all my jumpers and the solder connections are all solid.

7637. Re: [LDG-auto-tuners] Re: Going back to manual tuner !

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-12-22 14:45:23 UTC
From: Paul Manuel
Topic: 7618 Message: 7637

blockquote, div.yahoo_quoted { margin-left: 0 !important; border-left:1px #715FFA solid !important; padding-left:1ex !important; background-color:white !important; } I'm glad I didn't buy an auto tuner, then.
My current setup, with manual tuner, has no problem with RF even at 1kW into ladder line that runs all the way to the desk. I have no chokes or toroids whatsoever.

I understand these problems are solvable but I'd rather not have to go thru all that when what I have simply works.
73 Paul K4PDM

Sent from Yahoo Mail for iPhone

On Tuesday, December 22, 2015, 9:32 AM, wa1rkt@comcast.net [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:

Good morning, Richard.

I understand the frustration but it would be a real shame to give up on the convenience of the autotuner just because of this, when so many of us have had excellent success with them at power levels all the way up to 1000 watts.

For one thing, 12 #43 beads is often marginal at best; depending on how much RF you are trying to suppress you could possibly need as many as 20-25 of them (really!!) to truly suppress the RF on the coax.

For another thing, the tuner end of the coax is the wrong place to put the beads; they should be at the antenna feedpoint end. If you're going to do that, though, you're far better off with a 1:1 choke-type (current) balun or unun. I use 20 beads on my extended double zepp feedline only because I had them and did not have a spare 1:1 current balun, and they work pretty well (which is to say, well enough) although the choke balun would have been better and I will probably change it in the spring.

Make sure the ground stud on the autotuner is grounded with a fat lead as short as practical; don't depend on the shield of the coax jumper to the rig to provide the ground.

Finally, the power cable to the tuner should be looped several times through one of those #43 beads you have. I did have issues with my autotuners at higher power (500+ watts) until I did that.

Rick WA1RKT
Londonderry, NH
Catch me on 14.300 MHz Intercon / MMSN most days

7638. FT-Meter Cable

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-12-22 14:50:15 UTC
From: iba9241@...
Topic: 6233 Message: 7638

Hello to the group;

I was given a LDG FT-Meter however it did not come with the cable that connects it to the radio. I checked on cheapham.com and they want $40.00 to ship one to Canada.

Is this a "special" cable that you need to purchase, or can one be made?

I'm new to this group and did a quick search but did not find anything. Please accept my apologies if this has been answered before.

73
Gord - VA3TWT

7639. icom ic-7100 and ldg z100plus atu

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-12-22 14:45:40 UTC
From: m6nae1@...
Topic: 7639 Message: 7639

hello
I have a question
I have icom ic-7100 and ldg z100plus atu. connected with the tuner interface cable from tuner going to the radio...when I press tune on the radio the radio tunes.....but if I want to do a full tune can I press the tune button on the tuner which will create a full tune.... will doing this harm my radio or is it ok

thanks neil

7640. IT-100 problem

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-12-22 21:33:28 UTC
From: sq4afj@...
Topic: 5331 Message: 7640

Hi !! I'm using LDG IT-100 wite my Icom IC-7100.
My problem occurs only after the tuning on the 15m band . The tuner tunes ok just after switching on the radio reception becomes deaf. When you turn off the tuner reception is back to normal . On the other bands is ok. What could be wrong ??

7641. Re: [LDG-auto-tuners] AT-600Pro AutoTuner to FT-dx1200 adapter cable

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-12-23 02:09:19 UTC
From: Ed - ad7gr
Topic: 7625 Message: 7641

No firmware or software changes needed Brian. However, in addition to my previous post set the 1200's Menu #179 Tuner Select to External. I'd missed that step in my post... sorry. Pressing the [Send] button on the 600Pro initiates the FT-dx1200's tuning process and rig does the rest.

--
73,
Ed - ad7gr

How did you 'program' the tuner to talk to your Yaesu so the the power was reduced, etc? Doesn't there have to be some firmware or software changes?

Brian Denley
KB1VBF

7642. Re: [LDG-auto-tuners] AT-600Pro AutoTuner to FT-dx1200 adapter cable

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-12-23 04:26:55 UTC
From: Brian Denley
Topic: 7625 Message: 7642

Brian Denley
KB1VBF
Sent from my iPad

> On Dec 22, 2015, at 9:09 PM, Ed - ad7gr ad7gr@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:
>
> No firmware or software changes needed Brian. However, in addition to my previous post set the 1200's Menu #179 Tuner Select to External. I'd missed that step in my post... sorry. Pressing the [Send] button on the 600Pro initiates the FT-dx1200's tuning process and rig does the rest.
> --
> 73,
> Ed - ad7gr

7643. Re: [LDG-auto-tuners] AT-600Pro AutoTuner to FT-dx1200 adapter cable

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-12-23 04:28:11 UTC
From: Brian Denley
Topic: 7625 Message: 7643

I have the AT-600Pro II but it doesn't have a [SEND] button.

Brian
KB1VBF
Sent from my iPad

> On Dec 22, 2015, at 9:09 PM, Ed - ad7gr ad7gr@...m [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:
>
> No firmware or software changes needed Brian. However, in addition to my previous post set the 1200's Menu #179 Tuner Select to External. I'd missed that step in my post... sorry. Pressing the [Send] button on the 600Pro initiates the FT-dx1200's tuning process and rig does the rest.
> --
> 73,
> Ed - ad7gr
> No firmware or software changes needed Brian. However, in addition to my previous post set the 1200's Menu #179 Tuner Select to External. I'd missed that step in my post... sorry. Pressing the [Send] button on the 600Pro initiates the FT-dx1200's tuning process and rig does the rest.
> --
> 73,
> Ed - ad7gr
>
> How did you 'program' the tuner to talk to your Yaesu so the the power was reduced, etc? Doesn't there have to be some firmware or software changes?
>
> Brian Denley
> KB1VBF
>
>
>

7644. Re: [LDG-auto-tuners] AT-600Pro AutoTuner to FT-dx1200 adapter cable

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-12-23 11:37:27 UTC
From: Jim WB8NBI
Topic: 7625 Message: 7644

I believe he means the Tune button.

From: mailto:LDG-auto-tuners@yahoogroups.com
Sent: Tuesday, December 22, 2015 11:28 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] AT-600Pro AutoTuner to FT-dx1200 adapter cable

I have the AT-600Pro II but it doesn't have a [SEND] button.

Brian
KB1VBF
Sent from my iPad

On Dec 22, 2015, at 9:09 PM, Ed - ad7gr ad7gr@... [LDG-auto-tuners]
<LDG-auto-tuners@yahoogroups.com> wrote:

No firmware or software changes needed Brian. However, in addition to my previous post set the 1200's Menu #179 Tuner Select to External. I'd missed that step in my post... sorry. Pressing the [Send] button on the 600Pro initiates the FT-dx1200's tuning process and rig does the rest.

--
73,
Ed - ad7gr
No firmware or software changes needed Brian. However, in addition to my previous post set the 1200's Menu #179 Tuner Select to External. I'd missed that step in my post... sorry. Pressing the [Send] button on the 600Pro initiates the FT-dx1200's tuning process and rig does the rest.

--
73,
Ed - ad7gr
How did you 'program' the tuner to talk to your Yaesu so the the power was reduced, etc? Doesn't there have to be some firmware or software changes?

Brian Denley
KB1VBF

7645. Re: FT-Meter Cable

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-12-23 12:09:38 UTC
From: m6nae1@...
Topic: 6233 Message: 7645

hi , you can make your own I cable, I made my own contact ldg electronics and ask them for the wiring diagram...

7.3

7646. Re: [LDG-auto-tuners] AT-600Pro AutoTuner to FT-dx1200 adapter cable

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-12-23 14:28:08 UTC
From: Ed - ad7gr
Topic: 7625 Message: 7646

Sorry... this past week has been a rough one with much going on here and
I have been messing up my postings.

You are right... there is no [Send] button... as in my original post it
is the [Tune] button.

73,
Ed - ad7gr

On 12/22/2015 8:28 PM, Brian Denley b.denley@...
[LDG-auto-tuners] wrote:
> I have the AT-600Pro II but it doesn't have a [SEND] button.
>
> Brian
> KB1VBF

7647. Re: [LDG-auto-tuners] Re: FT-Meter Cable

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-12-23 17:48:36 UTC
From: Alex Netherton
Topic: 6233 Message: 7647

I am not so sure. I have an FT-950 here and have found no cable. Oddly, I have a IC-7000 that has a cable that will work on any tuner. I also got a tuner cable from MFJ for the 950 that allows the use of the MFJ tuner (a 993B) with the 950. I wonder if the same tuner interface would work for LDG tuners. Ii is the MFJ-5124Y. I have thought about trying it, but it hooks to the "TUNER" port on the back of the rig, and that port is used by the linear amp interface.

73 de W5ALX EM85ro Buncombe County NC
Alex Netherton
http://blueridgediscovery.org
On 12/23/2015 8:07:38 AM, m6nae1@....uk [LDG-auto-tuners]
<ldg-auto-tuners@yahoogroups.com> wrote:

hi , you can make your own I cable, I made my own contact ldg electronics and ask them for the wiring diagram...

7.3

7648. Re: [LDG-auto-tuners] Re: Going back to manual tuner !

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-12-23 18:04:50 UTC
From: Alex Netherton
Topic: 7618 Message: 7648

I use an LG AT-600Pro II autotuner. No chokes, no toroids, no beads except for one on the power cable, no problems whatever. I could only afford 600 watts (a SB-200), and ran a Heathkit SA-2040 with a 4:1 balun. I got so frustrated with having to crank the big roller inductor, tweak the caps, and if I changed frequencies, do it again.
I run a 102 foot center fed ladder line feed antenna with ladder line all the way back to the shack, and a 4:1 balun (from a Heath SA-2060) right next to the tuner. The 200 pins the meter on the tuner on all bands except 10 (abt 500 watts), and I never have any problems. I have a setup that is RF Central; I am on the second floor with a ground that is about 10 feet of #12 wire to a rod, and another wire to the cold water pipe (copper, and well grounded).

I can understand people wanting to stay with a manual tuner (I guess...), but I certainly like my autotuners (3 of them), and my manual tuners have been stored away or sold.

Don't knock it til you've tried it.

73 de W5ALX EM85ro Buncombe County NC
Alex Netherton
http://blueridgediscovery.org
On 12/22/2015 10:44:17 AM, Paul Manuel k4pdm@... [LDG-auto-tuners]
<ldg-auto-tuners@yahoogroups.com> wrote:

I'm glad I didn't buy an auto tuner, then.

My current setup, with manual tuner, has no problem with RF even at 1kW into ladder line that runs all the way to the desk. I have no chokes or toroids whatsoever.

I understand these problems are solvable but I'd rather not have to go thru all that when what I have simply works.

73 Paul K4PDM

Sent from Yahoo Mail for iPhone [https://yho.com/footer0]

On Tuesday, December 22, 2015, 9:32 AM, wa1rkt@... [LDG-auto-tuners]
<LDG-auto-tuners@yahoogroups.com> wrote:

Good morning, Richard.

I understand the frustration but it would be a real shame to give up on the convenience of the autotuner just because of this, when so many of us have had excellent success with them at power levels all the way up to 1000 watts.

For one thing, 12 #43 beads is often marginal at best; depending on how much RF you are trying to suppress you could possibly need as many as 20-25 of them (really!!) to truly suppress the RF on the coax.

For another thing, the tuner end of the coax is the wrong place to put the beads; they should be at the antenna feedpoint end. If you're going to do that, though, you're far better off with a 1:1 choke-type (current) balun or unun. I use 20 beads on my extended double zepp feedline only because I had them and did not have a spare 1:1 current balun, and they work pretty well (which is to say, well enough) although the choke balun would have been better and I will probably change it in the spring.

Make sure the ground stud on the autotuner is grounded with a fat lead as short as practical; don't depend on the shield of the coax jumper to the rig to provide the ground.

Finally, the power cable to the tuner should be looped several times through one of those #43 beads you have. I did have issues with my autotuners at higher power (500+ watts) until I did that.

Rick WA1RKT
Londonderry, NH
Catch me on 14.300 MHz Intercon / MMSN most days

7649. Re: [LDG-auto-tuners] Re: Going back to manual tuner !

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-12-23 19:33:37 UTC
From: Paul Manuel
Topic: 7618 Message: 7649

blockquote, div.yahoo_quoted { margin-left: 0 !important; border-left:1px #715FFA solid !important; padding-left:1ex !important; background-color:white !important; } Didn't mean to "knock it" but an AT-1000 Pro II and accessory meter are fairly costly to "try."
Might work perfectly for me. I just don't feel like fighting the problems some others are having.
73 Paul K4PDM

Sent from Yahoo Mail for iPhone

On Wednesday, December 23, 2015, 1:07 PM, 'Alex Netherton' w5alx-groups@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:

I use an LG AT-600Pro II autotuner. No chokes, no toroids, no beads except for one on the power cable, no problems whatever. I could only afford 600 watts (a SB-200), and ran a Heathkit SA-2040 with a 4:1 balun. I got so frustrated with having to crank the big roller inductor, tweak the caps, and if I changed frequencies, do it again.
I run a 102 foot center fed ladder line feed antenna with ladder line all the way back to the shack, and a 4:1 balun (from a Heath SA-2060) right next to the tuner. The 200 pins the meter on the tuner on all bands except 10 (abt 500 watts), and I never have any problems. I have a setup that is RF Central; I am on the second floor with a ground that is about 10 feet of #12 wire to a rod, and another wire to the cold water pipe (copper, and well grounded).
I can understand people wanting to stay with a manual tuner (I guess...), but I certainly like my autotuners (3 of them), and my manual tuners have been stored away or sold.
Don't knock it til you've tried it.

73 de W5ALX EM85ro Buncombe County NCAlex Nethertonhttp://blueridgediscovery.org

On 12/22/2015 10:44:17 AM, Paul Manuel k4pdm@... [LDG-auto-tuners] <ldg-auto-tuners@yahoogroups.com> wrote:

I'm glad I didn't buy an auto tuner, then.

My current setup, with manual tuner, has no problem with RF even at 1kW into ladder line that runs all the way to the desk. I have no chokes or toroids whatsoever.
I understand these problems are solvable but I'd rather not have to go thru all that when what I have simply works.
73 Paul K4PDM

Sent from Yahoo Mail for iPhone

On Tuesday, December 22, 2015, 9:32 AM, wa1rkt@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:

Good morning, Richard.

I understand the frustration but it would be a real shame to give up on the convenience of the autotuner just because of this, when so many of us have had excellent success with them

at power levels all the way up to 1000 watts.

For one thing, 12 #43 beads is often marginal at best; depending on how much RF you are trying to suppress you could possibly need as many as 20-25 of them (really!!) to truly suppress the RF on the coax.

For another thing, the tuner end of the coax is the wrong place to put the beads; they should be at the antenna feedpoint end. If you're going to do that, though, you're far better off with a 1:1 choke-type (current) balun or unun. I use 20 beads on my extended double zepp feedline only because I had them and did not have a spare 1:1 current balun, and they work pretty well (which is to say, well enough) although the choke balun would have been better and I will probably change it in the spring.

Make sure the ground stud on the autotuner is grounded with a fat lead as short as practical; don't depend on the shield of the coax jumper to the rig to provide the ground.

Finally, the power cable to the tuner should be looped several times through one of those #43 beads you have. I did have issues with my autotuners at higher power (500+ watts) until I did that.

Rick WA1RKT
Londonderry, NH
Catch me on 14.300 MHz Intercon / MMSN most days

7650. Re: [LDG-auto-tuners] Re: Going back to manual tuner !

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-12-23 21:09:55 UTC
From: rmckee1957@...
Topic: 7618 Message: 7650

I can understand people wanting to stay with a manual tuner (I guess...), but I certainly like my autotuners (3 of them), and my manual tuners have been stored away or sold. <snip>

I have 2 auto tuners that I dearly love, one is my Icom AH-4 and the other is my SGC-237 !

KC8AON

7651. No News is Good News? Not Much Talk about the RT-600

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-12-24 23:19:58 UTC
From: ingerassociates@...
Topic: 7651 Message: 7651

I'd still like to hear some more opinions about the RT-600 remote tuner. I am a long time LDG tuner user (going back to when several units (I think the original AT-11MP and Z11) came out as kits. My first choice for a 500-w class unit , however, would be the Storkcorner 1-KW unit from the Netherlands. The built quality looks very impressive. However with exchange rates and shipping it is almost twice as much as the street price of the RT-600. And then: what if it needs to be sent back for servicing (nothing's prefect)? $150 round trip shipping.

So I hope a few of you have enough good/bad experience with the RT-600 to be able to help myself and others make a purchasing decision. My main use of the antenna will be a 43-ft 80-10 multiband vertical.

Oh yes: Merry Xmas and Happy New Year!
73 de K6SBA
David in Santa Barbara, CA

7652. Re: No News is Good News? Not Much Talk about the RT-600

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-12-25 15:51:04 UTC
From: Robert Snyder
Topic: 7651 Message: 7652

David, I've been using the RT-600 since March feeding a 20' Aluminum flagpole with about 1300 feet of ground radials. Due to the HOA, that is about the best I can do. But I have used it on 40-10m and it also matches six real good but no sigs here. Recently (last couple of months) I've switched out the aluminum for fiberglass and helically wound about 35 feet of copper on 1" PVC inserted inside the 20 feet of fiberglass. Feeding 100' of RG-213 using Palomar Engineers 5 toroid coils for at the base for RFI Choke and a current Choke at the ICOM 7410/Ameritron ALS-500M.

I have been more then happy with the RT-600, but sometimes it takes some time to get a match after changing bands. It doesn't always keep the freq in memory as claimed. I have used local tuners when I wasn't running the Amp but find there was too much RFI with the long Coax run and went to the RT-600 when I started using the 500W Amp. No complaints. I do cause lots of RFI using 80M if I get a match so only use 80M very late at night. All in all, I would highly recommend the RT-600. Will probably have one for sale here shortly as I have a small Steppir Vertical I will be putting inside the fiberglass flagpole after the first of the year. Have the ground mount ready to go and just need to switch everything around after the first of the year.

Hope this helps you,

Bob/KH6Y

7653. LDG AT-100PROII and the ICOM IC-725

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-12-28 01:29:10 UTC
From: alexm_1968@...
Topic: 7653 Message: 7653

Hi all I would like to know if this is normal.... When I hit tune on the IC-725 the tuner (LDG AT-100PROll) starts doing it's thing then stops because its tuned however the little notice on the IC-725 display says THRU, I checked the tuning by transmitting and seems to be in tune according to the tuner....is it because the tuner is not the Icom AH-3??
The manual says when the AH-3 is used, a TUNE notice appears on the display when in tune..and THRU when it cant find a tuning solution.
I would like to know....

Alex VE2AIU

7654. Re: [LDG-auto-tuners] LDG AT-100PROII and the ICOM IC-725

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-12-29 21:29:53 UTC
From: Alex Netherton
Topic: 7653 Message: 7654

I would take the AT-100's word for it. The Icom is built to work through the Icom tuner. Look on the face of the 100. If it cannot find a solution the "Bypass" light will glow. As it has a PWR and SWR meter on the front, you can see if you have power out, and how much is reflected.
Do you have the tuner cable that attaches from the Icom to the tuner? Even if you do, the tuner will not communicate with the rig as the Icom tuner would.

73 de W5ALX EM85ro Buncombe County NC
Alex Netherton
http://blueridgediscovery.org
On 12/27/2015 9:43:50 PM, alexm_1968@... [LDG-auto-tuners]
<ldg-auto-tuners@yahoogroups.com> wrote:

Hi all I would like to know if this is normal.... When I hit tune on the IC-725 the tuner (LDG AT-100PROII) starts doing it's thing then stops because its tuned however the little notice on the IC-725 display says THRU, I checked the tuning by transmitting and seems to be in tune according to the tuner....is it because the tuner is not the Icom AH-3??
The manual says when the AH-3 is used, a TUNE notice appears on the display when in tune..and THRU when it cant find a tuning solution.
I would like to know....

Alex VE2AIU

7655. Re: [LDG-auto-tuners] LDG AT-100PROII and the ICOM IC-725

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-12-30 00:00:35 UTC
From: alexm_1968@...
Topic: 7653 Message: 7655

Ok thanks I also was told to not pay attention to the thru on the display for one of the techs from LDG same reason it does not communicate to the rig as a I com tuner would..everything is working OK...

Alex VE2AIU

7656. Fried relay(s)?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-12-30 18:16:34 UTC
From: tim.forrester@...
Topic: 7656 Message: 7656

A friend of mine thinks he has fried one or more relays on his IT 100 auto tuner.

Is there a way to test the relays in circuit or even out of circuit to determine which ones need changing ?

I have a well equipped test bench / workshop, but not sure of the best way to determine what's failed.

No obvious burn marks anywhere.

FYI he was using it to tune a 50MHz vertical to the 70MHz band so well outside it's tuning range but did work for a short while !

I'm located in the UK so 70MHz is allowed.

Follow up question - assuming I find which relays are toast, where might be the best place to order some from ?

Thanks Tim G4WIM / KT6UK

7657. Re: Fried relay(s)?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-12-30 20:38:50 UTC
From: tim.forrester@...
Topic: 7656 Message: 7657

Ok found a way and identified the relay, here's what I did. I first removed the controller chip such that I could drive each relay independently from an external 5 V PSU.

I then applied a low level 14MHz signal at the input and monitored the RF output as I switched relays in and out expecting to see the signal level change at the output.

I noticed that each relay clicked apart from K4 which was stuck.

Took it off the board and confirmed it was stuck then cut it open and sure enough burnt contacts.

Now just a matter of sourcing a new relay along with a few spares just in case !

73 Tim

7658. Re: [LDG-auto-tuners] Re: Fried relay(s)?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-12-30 21:55:57 UTC
From: Ed - ad7gr
Topic: 7656 Message: 7658

Tim... Have you tried Mouser.com ?

73,
Ed - ad7gr

On 12/30/2015 12:38 PM, tim.forrester@... [LDG-auto-tuners] wrote:
> Now just a matter of sourcing a new relay along with a few spares just
> in case !

7659. Introduction - KN5G

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-12-31 01:25:07 UTC
From: keith@...
Topic: 7659 Message: 7659

Wanted to take a bit of bandwidth to introduce myself. Name is Keith, call sign KN5G, located in Henderson, Texas. I have used a LDG AT-1000ProII with a Yaesu FT-857 and Ameritron amp on HF for many years with great success on non-resonate wire antennas.

I recently up-graded to a Yaesu FT-991, which I like so far but have not been successful in figuring out how to use the AT-1000ProII with the FT-991. Hoping someone has already crossed this bridge and can offer some suggestions on how best to use the AT-1000ProII with the FT-991.

Yeasu support replied that the FT-991 does have a REM/ALC jack that will accept an External TX request.

I would expect at the very least to have to set the Tuner Select option in the FT-991 to External. Could it be as simple as plugging in the two conductor cable, (that I used for the FT-857), into the External TX request jack on the FT-991, and pressing and holding the TUNE button on the AT-1000ProII?

I have to say the Yaesu manual for the FT-991 is sorely lacking in detail, but I'm hoping I can still use the LDG Flagship tuner with the new FT-991.

Thanks,
Keith - KN5G

7660. Re: [LDG-auto-tuners] Introduction - KN5G

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-12-31 02:36:15 UTC
From: Ed - ad7gr
Topic: 7659 Message: 7660

Pretty much so Keith. Search for my post "AT-600Pro AutoTuner to
FT-dx1200 adapter cable" on Dec 21... it details what I did to
accomplish that with my AT-600Pro and FT-dx1200.

Hope that helps you... HNY...

73,
Ed - ad7gr

On 12/30/2015 5:25 PM, keith@... [LDG-auto-tuners] wrote:
> I would expect at the very least to have to set the Tuner Select
> option in the FT-991 to External. Could it be as simple as plugging in
> the two conductor cable, (that I used for the FT-857), into the
> External TX request jack on the FT-991, and pressing and holding the
> TUNE button on the AT-1000ProII?

7661. Re: [LDG-auto-tuners] Re: Fried relay(s)?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-12-31 15:09:23 UTC
From: tim.forrester@...
Topic: 7656 Message: 7661

Hi Ed,

I've searched high and low on the web including Mouser but a single coil latching 5V device I'm yet to find.

Just contacted HongFa direct to see if they can help also cheapham.com as recommended by LDG.

When (if) I find a source I'll report back here.

73 Tim G4WIM KT6UK

7662. Re: [LDG-auto-tuners] Re: Fried relay(s)?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-12-31 15:19:21 UTC
From: Ed - ad7gr
Topic: 7656 Message: 7662

I hope you're successful Tim. GL...

73,
Ed - ad7gr

On 12/31/2015 7:09 AM, tim.forrester@... [LDG-auto-tuners] wrote:
> I've searched high and low on the web including Mouser but a single
> coil latching 5V device I'm yet to find.
>
> Just contacted HongFa direct to see if they can help also cheapham.com
> as recommended by LDG.
>
> When (if) I find a source I'll report back here.
>
> 73 Tim G4WIM KT6UK

7663. Re: [LDG-auto-tuners] Re: Fried relay(s)?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-12-31 18:46:54 UTC
From: tim.forrester@...
Topic: 7656 Message: 7663

Found a supplier in the UK - Future Electronics but minimum order qty is 200, so have e mailed LDG to see if they can supply spares. 73 Tim

7664. Re: [LDG-auto-tuners] Re: Fried relay(s)?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2015-12-31 23:02:37 UTC
From: tim.forrester@...
Topic: 7656 Message: 7664

For the benefit of others an equivalent Omron part can be sourced from this link with no minimum order quantity.

G6AU-274P-ST-US 5VDC OMRON | Relay: electromagnetic; DPDT; Ucoil:5VDC; 0.5A/125VAC; 2A/30VDCG6AU-274PST-US5 | TME - Electronic components
http://www.tme.eu/en/katalog/?art=G6AU-274PST-US5

http://www.tme.eu/en/katalog/?art=G6AU-274PST-US5

G6AU-274P-ST-US 5VDC OMRON | Relay: electrom...
http://www.tme.eu/en/katalog/?art=G6AU-274PST-US5 112504 | OMRON G6AU-274P-ST-US 5VDC | G6AU-274PST-US5 | TME, a distributor of electronic elements and components. Check our offer.

View on www.tme.eu http://www.tme.eu/en/katalog/?art=G6AU-274PST-US5
Preview by Yahoo

7665. Using AT-1000ProII with Yaesu FT-991

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-01-01 05:11:34 UTC
From: keith@...
Topic: 7665 Message: 7665

I have found a solution that allows me to use my LDG AT-1000ProII with my Yaesu FT-991. Might not be perfect, but it works for me.

I have placed a short pdf document with some simple diagrams on my Dropbox page.
//https://dl.dropboxusercontent.com/u/25185858/Using%20LDG%20AT1000ProII%20with%20FT-991.pdf

Hope this will save someone else from all the head scratching.

73,
Keith - KN5G

7666. Re: [LDG-auto-tuners] Re: Fried relay(s)?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-01-01 05:44:16 UTC
From: KK2DOG in NY
Topic: 7656 Message: 7666

Tim, Maybe you should order 200 in case you need them in the 'Future.' Sorry...I just couldn't resist. Happy New Year!

KK2DOG From the REAL upstate NY in grid FN24.

From: "tim.forrester@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com>
To: LDG-auto-tuners@yahoogroups.com
Sent: Thursday, December 31, 2015 1:46 PM
Subject: Re: [LDG-auto-tuners] Re: Fried relay(s)?

Found a supplier in the UK - Future Electronics but minimum order qty is 200, so have e mailed LDG to see if they can supply spares.73 Tim

7667. Re: [LDG-auto-tuners] Using AT-1000ProII with Yaesu FT-991

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-01-01 15:05:02 UTC
From: William Rogers
Topic: 7665 Message: 7667

Hi Keith!

Thanks! Cool info!

73 and happy new year!

Will Rogers
K5WLR

On 12/31/2015 23:11, keith@... [LDG-auto-tuners] wrote:
>
> I have found a solution that allows me to use my LDG AT-1000ProII with
> my Yaesu FT-991. Might not be perfect, but it works for me.
>
>
> I have placed a short pdf document with some simple diagrams on my
> Dropbox page.
>
> //https://dl.dropboxusercontent.com/u/25185858/Using%20LDG%20AT1000ProII%20with%20FT-991
.pdf
>
>
> Hope this will save someone else from all the head scratching.
>
>
> 73,
>
> Keith - KN5G
>
>

7668. Re: Introduction - KN5G

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-01-01 06:14:11 UTC
From: keith@...
Topic: 7659 Message: 7668

Thanks for the reply Ed. The FT-991 is a bit different from the FT-dx1200. It doesn't have the same I/O signals, at least not on the same ports. I did manage a solution and have posted a link to a short write-up explaining what I came up with.

Thanks again and Happy New Year's !

Keith - KN5G

7669. Re: [LDG-auto-tuners] Using AT-1000ProII with Yaesu FT-991

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-01-01 13:59:50 UTC
From: Ed - ad7gr
Topic: 7665 Message: 7669

Very good Keith... thanks for sharing.

73,
Ed - ad7gr

On 12/31/2015 9:11 PM, keith@... [LDG-auto-tuners] wrote:
> I have found a solution that allows me to use my LDG AT-1000ProII with
> my Yaesu FT-991. Might not be perfect, but it works for me.

7670. Re: [LDG-auto-tuners] Re: Introduction - KN5G

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-01-01 16:06:03 UTC
From: Ed - ad7gr
Topic: 7659 Message: 7670

The connections were specific to your FT-991 but the end result's the same. Good solution and thanks for posting. I need to create a similar document on the FT-dx1200/AT-600Pro but I have no knowledge to do that in a PDF.

HNY...

73,
Ed - ad7gr

On 12/31/2015 10:14 PM, keith@... [LDG-auto-tuners] wrote:
>
> Thanks for the reply Ed. The FT-991 is a bit different from the
> FT-dx1200. It doesn't have the same I/O signals, at least not on the
> same ports. I did manage a solution and have posted a link to a short
> write-up explaining what I came up with.
>
>
> Thanks again and Happy New Year's !
>
> Keith - KN5G

7671. New file uploaded to LDG-auto-tuners

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-01-01 22:45:48 UTC
From: LDG-auto-tuners@yahoogroups.com
Topic: 7066 Message: 7671

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the LDG-auto-tuners
group.

File : /AT-600Pro - FT-dx1200.pdf
Uploaded by : ad7gr <ad7gr@...>
Description : LDG AT-600Pro AutoTuner to FT-dx1200 Adapter Cable

You can access this file at the URL:
https://groups.yahoo.com/neo/groups/LDG-auto-tuners/files/AT-600Pro%20-%20FT-dx1200.pdf

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

ad7gr <ad7gr@...>

7672. Re: [LDG-auto-tuners] New file uploaded to LDG-auto-tuners

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-01-04 22:46:33 UTC
From: Alex Netherton
Topic: 7066 Message: 7672

Will this work with an FT 950? Seems it should.

73 de W5ALX EM85ro Buncombe County NC
Alex Netherton
http://blueridgediscovery.org
On 1/1/2016 5:45:51 PM, ldg-auto-tuners@yahoogroups.com <ldg-auto-tuners@yahoogroups.com>
wrote:

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the LDG-auto-tuners
group.

File : /AT-600Pro - FT-dx1200.pdf
Uploaded by : ad7gr <ad7gr@live.com>
Description : LDG AT-600Pro AutoTuner to FT-dx1200 Adapter Cable

You can access this file at the URL:
https://groups.yahoo.com/neo/groups/LDG-auto-tuners/files/AT-600Pro%20-%20FT-dx1200.pdf

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

ad7gr <ad7gr@...>

7673. Re: [LDG-auto-tuners] New file uploaded to LDG-auto-tuners

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-01-05 00:09:26 UTC
From: Ed - ad7gr
Topic: 7066 Message: 7673

That comes under the check it out category Alex. I didn't know if it would with my FT-dx1200 until I worked on it. Sorry, but I really don't know.

73,
Ed - ad7gr

On 1/4/2016 2:46 PM, 'Alex Netherton' w5alx-groups@... [LDG-auto-tuners] wrote:

Will this work with an FT 950? Seems it should.

73 de W5ALX EM85ro Buncombe County NC
Alex Netherton

http://blueridgediscovery.org

7674. Adding a power switch to the Z11 Pro2 ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-01-05 13:29:11 UTC
From: rmckee1957@...
Topic: 7674 Message: 7674

Since the tuner has latching relays and supposedly holds the tune settings when power is disconnected, has anyone added a power switch to their Z11 Pro2 ? Mine will not hold tune on 17 meters for some reason and I do not want to pull it out to disconnect the power cable each time I use it on that band and would rather just have a power switch on the front panel so that once it is tuned, I can turn off the power to lock it in the tuned mode. If anyone has done that I would love to see some pictures of the mod. I could probably figure out a way to do it providing there is room to mount a switch on the front panel but would still like to see some ideas first. In my opinion a switch should have been included in the first place.

KC8AON

7675. Re: [LDG-auto-tuners] Adding a power switch to the Z11 Pro2 ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-01-05 14:06:28 UTC
From: Leonard K. Pennock
Topic: 7674 Message: 7675

Why don't you just use the semi auto mode? It would require you to
manually hit the tune button but would keep the tune locked in.

Leonard K. Pennock
AD7AS

Those who walk bravely through life, unafraid of loss or failure,
find that they very rarely lose or fail.

On 01/05/2016 06:29 AM, rmckee1957@... [LDG-auto-tuners] wrote:
>
>
> Since the tuner has latching relays and supposedly holds the tune
> settings when power is disconnected, has anyone added a power switch to
> their Z11 Pro2 ? Mine will not hold tune on 17 meters for some reason
> and I do not want to pull it out to disconnect the power cable each time
> I use it on that band and would rather just have a power switch on the
> front panel so that once it is tuned, I can turn off the power to lock
> it in the tuned mode. If anyone has done that I would love to see some
> pictures of the mod. I could probably figure out a way to do it
> providing there is room to mount a switch on the front panel but would
> still like to see some ideas first. In my opinion a switch should have
> been included in the first place.
>
> KC8AON
>
>
>
>

7676. Re: Adding a power switch to the Z11 Pro2 ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-01-05 15:29:02 UTC
From: rmckee1957@...
Topic: 7674 Message: 7676

Why don't you just use the semi auto mode? It would require you to manually hit the tune button but would keep the tune locked in.<snip>

Got it set to semi auto mode but on some bands (17 meters is worse) it tunes but then starts retuning once you start talking and the power level comes up. Using it with an Icom 706 Mk2 where the power drops to 10 watts in tune mode, but when the power comes up to full it starts retuning. A power switch would solve the problem completely !

KC8AON

7677. Re: [LDG-auto-tuners] Re: Adding a power switch to the Z11 Pro2 ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-01-05 19:49:29 UTC
From: Leonard K. Pennock
Topic: 7674 Message: 7677

If it starts tuning when you talk you are either:
1. not is semi auto mode
2. have enough RFI to be causing problems with the tuner.

It sounds like you have a RFI issue you should look at. Are you running
any chokes on the coax and the power lead?

Leonard K. Pennock
AD7AS

Those who walk bravely through life, unafraid of loss or failure,
find that they very rarely lose or fail.

On 01/05/2016 08:29 AM, rmckee1957@... [LDG-auto-tuners] wrote:
>
>
> Why don't you just use the semi auto mode? It would require you to
> manually hit the tune button but would keep the tune locked in.<snip>
>
> Got it set to semi auto mode but on some bands (17 meters is worse) it
> tunes but then starts retuning once you start talking and the power
> level comes up. Using it with an Icom 706 Mk2 where the power drops to
> 10 watts in tune mode, but when the power comes up to full it starts
> retuning. A power switch would solve the problem completely !
>
> KC8AON
>
>
>
>

7678. RE: [LDG-auto-tuners] Adding a power switch to the Z11 Pro2 ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-01-05 20:00:11 UTC
From: Thomas Chesek
Topic: 7674 Message: 7678

I installed a toggle switch just above the power connector on the rear panel of my Z11ProII for a different reason. If I use my Comet CF-706 Duplexer with my FT-857D the tuner goes wacky trying to tune when I'm using my radio for 2 meters. It sits there chattering away even though the 2 meter RF is theoretically bypassed. I'm sure it is due to RF getting into the tuner from a less than perfect Duplexer but rather than try to find another cure the switch is an easy cure, plus since I don't use this tuner very often it keeps the internal batteries from draining when not in use. The switch is simply wired in series with the battery pack.

Tom K3TVC

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com]
Sent: Tuesday, January 5, 2016 08:29
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Adding a power switch to the Z11 Pro2 ?

Since the tuner has latching relays and supposedly holds the tune settings when power is disconnected, has anyone added a power switch to their Z11 Pro2 ? Mine will not hold tune on 17 meters for some reason and I do not want to pull it out to disconnect the power cable each time I use it on that band and would rather just have a power switch on the front panel so that once it is tuned, I can turn off the power to lock it in the tuned mode. If anyone has done that I would love to see some pictures of the mod. I could probably figure out a way to do it providing there is room to mount a switch on the front panel but would still like to see some ideas first. In my opinion a switch should have been included in the first place.

KC8AON

7679. Re: Adding a power switch to the Z11 Pro2 ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-01-05 20:48:05 UTC
From: rmckee1957@...
Topic: 7674 Message: 7679

I installed a toggle switch just above the power connector on the rear panel of my Z11ProII for a different reason. The switch is simply wired in series with the battery pack.<snip>

I'm wondering if there is room for the switch on the front panel, will pull the cover when I get home to see but I'm trying to prevent the need to pull it out to turn it off. I run it from the control cable that connects between the 706 and the tuner - no battery pack in mine. I may make a cable with an inline switch that I can mount in an easy to reach location that connects between the tuner and the power cable if there is no room to mount a front panel switch.

KC8AON

7680. RE: [LDG-auto-tuners] Re: Adding a power switch to the Z11 Pro2 ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-01-05 22:15:40 UTC
From: Thomas Chesek
Topic: 7674 Message: 7680

I placed my switch on the rear due to no space on the front panel nor did I wish to have it on the top or sides. Good luck.

Tom K3TVC

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com]
Sent: Tuesday, January 5, 2016 15:48
To: LDG-auto-tuners@...m

Subject: [LDG-auto-tuners] Re: Adding a power switch to the Z11 Pro2 ?

I installed a toggle switch just above the power connector on the rear panel of my Z11ProII for a different reason. The switch is simply wired in series with the battery pack.<snip>

I'm wondering if there is room for the switch on the front panel, will pull the cover when I get home to see but I'm trying to prevent the need to pull it out to turn it off. I run it from the control cable that connects between the 706 and the tuner - no battery pack in mine. I may make a cable with an inline switch that I can mount in an easy to reach location that connects between the tuner and the power cable if there is no room to mount a front panel switch.

KC8AON

7681. Z11 Pro2 control cable for Yaesu FT-817 ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-01-06 13:30:13 UTC
From: rmckee1957@...
Topic: 7681 Message: 7681

Anyone know of a source where I can get a schematic for a control cable to interface the Z11 Pro2 to a Yaesu FT-817 ?

KC8AON

7682. Re: [LDG-auto-tuners] Z11 Pro2 control cable for Yaesu FT-817 ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-01-06 14:52:31 UTC
From: Leonard K. Pennock
Topic: 7681 Message: 7682

Same cable a FT857 uses. Sent you a PDF in email. Let me know if you
don't receive it.

Leonard K. Pennock
AD7AS

Those who walk bravely through life, unafraid of loss or failure,
find that they very rarely lose or fail.

On 01/06/2016 06:30 AM, rmckee1957@... [LDG-auto-tuners] wrote:
>
>
> Anyone know of a source where I can get a schematic for a control cable
> to interface the Z11 Pro2 to a Yaesu FT-817 ?
>
> KC8AON
>
>
>
>

7683. Re: [LDG-auto-tuners] Z11 Pro2 control cable for Yaesu FT-817 ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-01-06 15:36:57 UTC
From: rmckee1957@...
Topic: 7681 Message: 7683

Same cable a FT857 uses. Sent you a PDF in email. Let me know if you don't receive it. <snip>

Thanks, I will check my email !

KC8AON

7684. Re: [LDG-auto-tuners] Z11 Pro2 control cable for Yaesu FT-817 ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-01-06 15:40:59 UTC
From: rmckee1957@...
Topic: 7681 Message: 7684

Same cable a FT857 uses. Sent you a PDF in email. Let me know if you don't receive it. <snip>

Well, I got the pdf file but there is no plug like that on the back of my 817 ? Just has the key jack for a cw key and 2 mini din plugs.

KC8AON

7685. Re: [LDG-auto-tuners] Z11 Pro2 control cable for Yaesu FT-817 ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-01-06 16:27:09 UTC
From: Leonard K. Pennock
Topic: 7681 Message: 7685

Sorry about that. I thought the 817 had the same connector. Looking though the manual for the 817 I don't see any way to make the 817 interface with the Z11 to do one button tuning. You would need a CAT tuner that actually sends CAT commands to the radio to make it switch modes.

The good news is the Z11 really doesn't need to interface to the radio to work. It will auto tune as soon as you transmit in the auto mode or you can control when it tunes using the semi auto mode.

Leonard K. Pennock
AD7AS

Those who walk bravely through life, unafraid of loss or failure, find that they very rarely lose or fail.

On 01/06/2016 08:40 AM, rmckee1957@... [LDG-auto-tuners] wrote:
>
>
> Same cable a FT857 uses. Sent you a PDF in email. Let me know if you
> don't receive it. <snip>
>
> Well, I got the pdf file but there is no plug like that on the back of
> my 817 ? Just has the key jack for a cw key and 2 mini din plugs.
>
> KC8AON
>
>
>
>

7686. Re: Going back to manual tuner !

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-01-06 21:43:30 UTC
From: rmckee1957@...
Topic: 7618 Message: 7686

Before you completely give up I would add 10-20 feet of coax or more to the antenna line and see what happens. I've seen this fix some problems where the antenna is not quite resonant and the antenna tuner is trying to fix some odd L/C combinations. It's worth a try and easy to do. <snip>

The antenna is only about a 2.5:1 swr to begin with in the portion of 17 meters where I had the problem. It seems with this tuner I have worse problems with it the closer the antenna is to being matched to begin with. If its over 3:1 swr, it will match it and stay matched, around 2.5:1 it will find a match then start tuning again or at least read a higher swr when you transmit with 100 watts.

KC8AON

7687. RE: [LDG-auto-tuners] Z11 Pro2 control cable for Yaesu FT-817 ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-01-06 21:50:19 UTC
From: Thomas Chesek
Topic: 7681 Message: 7687

W4RT.com used to sell a device called “One Touch Tune” which is no longer sold. A connector plugged into the ACC jack on the radio and had a jack to plug in whatever you would have had plugged into the ACC jack so you didn’t lose functionality of the ACC jack. There was another jack that you plugged in the cable like the one used for the 857. I had a OTT that I used with my Z11ProII when I had my 817 but I sold it some time ago. You can go to W4RT.COM, select reviews and manuals, select W4RT, then select OTT which is at the bottom of the page for a better description than what I gave. You might keep your eyes on eBay to see if one pops up.

Tom K3TVC

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com]
Sent: Wednesday, January 6, 2016 11:27
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] Z11 Pro2 control cable for Yaesu FT-817 ?

Sorry about that. I thought the 817 had the same connector. Looking
though the manual for the 817 I don't see any way to make the 817
interface with the Z11 to do one button tuning. You would need a CAT
tuner that actually sends CAT commands to the radio to make it switch
modes.

The good news is the Z11 really doesn't need to interface to the radio
to work. It will auto tune as soon as you transmit in the auto mode or
you can control when it tunes using the semi auto mode.

Leonard K. Pennock
AD7AS

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find that they very rarely lose or fail.

On 01/06/2016 08:40 AM, rmckee1957@... <mailto:rmckee1957@...> [LDG-auto-tuners] wrote:
>
>

> Same cable a FT857 uses. Sent you a PDF in email. Let me know if you
> don't receive it. <snip>
>
> Well, I got the pdf file but there is no plug like that on the back of
> my 817 ? Just has the key jack for a cw key and 2 mini din plugs.
>
> KC8AON
>
>
>
>

7688. TS-2000 and Z11 ProII

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-01-07 06:54:45 UTC
From: john.brent@...
Topic: 7688 Message: 7688

Im trying to find the wiring diagram for the Z11 ProII radio interface cable, and a little info about that cable. Im wishing to have the AT button on my TS-2000 activate the Z11 ProII to do a tuning cycle as it would with the KT-100 or Kenwood External tuner.

thanks for any direction!

John Brent
VA7WPN

7689. Re: TS-2000 and Z11 ProII

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-01-08 03:54:44 UTC
From: wb4rtp@...
Topic: 7688 Message: 7689

The best way to use the AT button on a Kenwood transceiver is to use a KT-100 tuner. Mine works great with my TS-480 and TS-590, so it should work with your TS-2000. I seem to recall that LDG once had a Kenwood adapter, but it was kinda pricey and they discontinued it years ago. Maybe you could find one those used, but I seem to recall it only worked on certain specific tuners so you would have to check that out. Also, my experience is that the KT-100 is somewhat sensitive to RFI, so I have a lot of ferrite beads on each of the three cables going to it, and it seems to work much better this way. 73,
Avery, WB4RTP

7690. RE: [LDG-auto-tuners] Z11 Pro2 control cable for Yaesu FT-817 ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-01-08 12:12:54 UTC
From: rmckee1957@...
Topic: 7681 Message: 7690

W4RT.com used to sell a device called “One Touch Tune” which is no longer sold. <snip>

Thanks for the advice, I've searched for a schematic on it but they are very stingy with that info ! Not really a big deal as I can just transmit a carrier to get it to tune, just thought it would be much simpler to push one button and have it done like that. When I get time I will set down and see if I can make it do it somehow, til then I'll keep searching. May even get an Elecraft T1 tuner for the 817 !

KC8AON

7691. Re: Z11 Pro2 control cable for Yaesu FT-817 ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-01-09 18:03:48 UTC
From: Jeff Montgomery
Topic: 7681 Message: 7691

I spoke with W4RT at Dayton one year and they said that the product was microprocessor controlled and very complicated to make work. They had problems with it and discontinued it for that reason. They recommended the LDG specifically made for the 817 as the way to go. I wish I had bought one when I had the chance.

73
Jeff
WB4WXD

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

7692. Re: No News is Good News? Not Much Talk about the RT-600

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-01-10 13:09:42 UTC
From: k5pa@...
Topic: 7651 Message: 7692

Good morning all, just happened upon this message about the RT-600.
I have been using this remote tuner since about the summer 2015 without any incidence to report. I seems to works as advertised. My setup is a KX3/KXPA100/KPA500, 500 Watt amplifier connected to an 80 meter dipole up about 25 feet. I tune the dipole on 80/30/12 meters with the tuner giving me 3 bands. If I had another one, I would connect it to my 32 foot vertical for all band coverage on 40/15 meters. I am using coax for all connections (RG-213).

If you go to my webpage at k5pa.com/Ham%20Radio/HamStation2015.htm
http://www.k5pa.com/Ham%20Radio/HamStation2015.htmyou can see photos of the installation.

I have never taken the remote section apart but I am tempted to for photos but imagine it is much like their other tuners (which I own a number of).

Good luck,
73 Gene K5PA

7693. Re: Z11 Pro2 control cable for Yaesu FT-817 ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-01-11 12:10:40 UTC
From: rmckee1957@...
Topic: 7681 Message: 7693

They recommended
the LDG specifically made for the 817 as the way to go. I wish I had
bought one when I had the chance <snip>

Probably so, but the tuner that is made for the 817 doesn't have the matching range that the Z11 Pro2 does. Oh well, my homebrew manual tuner will match anything I throw at it !

KC8AON

7694. Using LDG-1000 Pro II with Yaesu FTDX-3000?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-01-14 19:27:59 UTC
From: Neal Pollack
Topic: 7694 Message: 7694

Hi:

I just purchased this tuner to use with the Yaesu FT-DX3000.
I notice that it (tuner) does not interface to my HF transceiver to automatically
change bands when I switch bands on the transceiver. So until I transmit
a carrier, it will not retune and switch bands, so receive does dead.
I find this awkward, because in order to re-tune it to the new band, I need
to pick a quiet, unused frequency on the transceiver, set mode to AM or CW,
and then transmit at 15 to 20 watts. But until I do that, I can't receive on
the new band, so I can't tell what frequency is not in use :-)
[Yes, I know, silly newbie...]

What tips, tricks, schemes, or custom interface ideas have people come up
with so that it is less tedious to change bands and retune?
I am especially interested in that I heard about some people making a custom
cable or mod so that they can avoid the "change mode, dial down power, press tune,
change mode back to SSB, dial power back up, etc" every time I change bands
hunting for QSO's?

I am sure this is just something in the learning curve?

Cheers,

Neal
N6YFM

7695. Re: [LDG-auto-tuners] Using LDG-1000 Pro II with Yaesu FTDX-3000?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-01-14 20:19:27 UTC
From: Leonard K. Pennock (AD7AS)
Topic: 7694 Message: 7695

Quick push of tune button should put in bypass mode.
--
Leonard K. Pennock (AD7AS)

On January 14, 2016 12:27:59 PM MST, "Neal Pollack nealix@... [LDG-auto-tuners]"
<LDG-auto-tuners@yahoogroups.com> wrote:
>Hi:
>
>
>I just purchased this tuner to use with the Yaesu FT-DX3000.
>I notice that it (tuner) does not interface to my HF transceiver to
>automatically
>change bands when I switch bands on the transceiver. So until I
>transmit
>a carrier, it will not retune and switch bands, so receive does dead.
>I find this awkward, because in order to re-tune it to the new band, I
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>to pick a quiet, unused frequency on the transceiver, set mode to AM or
>CW,
>and then transmit at 15 to 20 watts. But until I do that, I can't
>receive
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>the new band, so I can't tell what frequency is not in use :-)
>[Yes, I know, silly newbie...]
>
>
>What tips, tricks, schemes, or custom interface ideas have people come
>up
>with so that it is less tedious to change bands and retune?
>I am especially interested in that I heard about some people making a
>custom
>cable or mod so that they can avoid the "change mode, dial down power,
>press tune,
>change mode back to SSB, dial power back up, etc" every time I change
>bands
>hunting for QSO's?
>
>
>I am sure this is just something in the learning curve?
>
>
>Cheers,
>
>
>Neal

>N6YFM

7696. Re: Using LDG-1000 Pro II with Yaesu FTDX-3000?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-01-15 13:17:12 UTC
From: fudgies@...
Topic: 7694 Message: 7696

I use an AT-200pro on my FTdx3000 using a simple switch something like the one described here you simply press the switch and the ATU tunes (more a case of it recalls a tune value from memory) in a fraction of a second literally each time you change frequency or bands

http://www.k2gwk.com/ftdx-3000%20tune.html http://www.k2gwk.com/ftdx-3000%20tune.html

73

James EI2IV

7697. Re: Using LDG-1000 Pro II with Yaesu FTDX-3000?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-01-15 14:35:42 UTC
From: mikehyman@...
Topic: 7694 Message: 7697

According to Dwayne at LDG they are working on an interface cable for the 1000 Pro II. They are in the testing mode and it's working. No release date, but it's coming.

Mike
W4OCO

7698. Re: Using LDG-1000 Pro II with Yaesu FTDX-3000?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-01-16 14:11:50 UTC
From: Scott Barto
Topic: 7694 Message: 7698

We already have interface cables for yaesu radios. We currently support the FTDX-3000 and are currently BETA testing for the FTDX-1200, FT-991, FT-450, FT-950, FT-857, and FT-897. Check us out on eBay. User bart0977. Check back often, as the BETA test cables should be released soon.

73
Scott

Sent from my iPhone

7699. Re: [LDG-auto-tuners] Re: Using LDG-1000 Pro II with Yaesu FTDX-3000?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-01-16 17:18:25 UTC
From: Brian Denley
Topic: 7694 Message: 7699

Brian Denley
KB1VBF
Sent from my iPad

> On Jan 16, 2016, at 9:11 AM, Scott Barto bart0977@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:
>
> We already have interface cables for yaesu radios. We currently support the FTDX-3000 and are currently BETA testing for the FTDX-1200, FT-991, FT-450, FT-950, FT-857, and FT-897. Check us out on eBay. User bart0977. Check back often, as the BETA test cables should be released soon.
>
> 73
> Scott
>
> Sent from my iPhone
>

7700. Blizzard Disrupts Shipping

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-01-22 23:32:41 UTC
From: ldgyahoo@...
Topic: 7700 Message: 7700

With our location being smack in the middle of the east coast blizzard, shipping has already been affected. The “Exception” e-mails form UPS have been coming in all day. With the snow amounts that are projected and our rural location, we would expect incoming and outgoing shipments to be delayed by at least four days.

Hopefully, it will all be cleared out by mid next week.

Everyone be safe,

Dwayne Kincaid
LDG

7701. Re: [LDG-auto-tuners] Blizzard Disrupts Shipping

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-01-23 06:02:37 UTC
From: KK2DOG in NY
Topic: 7700 Message: 7701

Ahhh...just a light dusting of snow Dwayne. We get it here frequently! ;)Love your products, and be safe.

KK2DOG From the REAL upstate NY in grid FN24.

From: "ldgyahoo@ldgelectronics.com [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com>
To: LDG-auto-tuners@yahoogroups.com
Sent: Friday, January 22, 2016 6:32 PM
Subject: [LDG-auto-tuners] Blizzard Disrupts Shipping

With our location being smack in the middle of the east coast blizzard,shipping has already been affected. The “Exception” e-mails form UPS have beencoming in all day. With the snow amounts that are projected and our rurallocation, we would expect incoming and outgoing shipments to be delayed by atleast four days. Hopefully, it will all be cleared out by mid next week. Everyone be safe, Dwayne KincaidLDG

7702. Re: Blizzard Disrupts Shipping

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-01-23 16:41:14 UTC
From: steve.lenaghan@...
Topic: 7700 Message: 7702

We spent last winter in DC and left all the snow in Saskatchewan. Now its not worth taking out the snow blower half the time, go figure. But I do enjoy my wife's off road Ram 1500 with heated seats when needed.

Stay home watch Netflix and drink coffee then when the roads clear stop by your nearest charity and leave something for those who didn't do as well.

73 Steve VE5SR, SATERN, ARES, CERT

7703. AT100ProIITuner - Blown !

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-01-24 21:58:11 UTC
From: g@...
Topic: 7703 Message: 7703

I accidentally transmitted 100 watts HF into my AT100ProII Tuner, before I connected the antenna coax. The tuner no longer works.

Can someone give me an idea as to which components might need to be replaced ? I'd like to try and repair the unit myself.

Gordon VE3JSJ

7704. 1 AT100ProIITuner - Blown --Repair

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-01-25 18:09:23 UTC
From: AAT3PY@comcast.net
Topic: 7704 Message: 7704

1.Check the relays for continuity both activated and non activated.
2. Check for a burnout inductor by burnt appearance or continuity.
That will get you started.
Buy the way if you find a source of schematics let me know please. I have 3
and
they all work great. Of course the one I use most has to be reset (powered
off
then on)most often from lighting in the area or just stormy weather. I have
pounds
of torids on all the conductor going to it and that helps a lot but then
not a
total fix.73, Larry

---
mail2web.com - Microsoft? Exchange solutions from a leading provider -
http://link.mail2web.com/Business/Exchange

7705. LDG 1000Pro issues

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-01-26 05:25:09 UTC
From: plowpenny@...
Topic: 7705 Message: 7705

I think I have an issue with my LDG1000pro AT. For antenna 2, the tuner doesn't seem to work any more. It cannot get any antenna even very well resonant antennas to tune and it reduces receive levels dramatically. On antenna 1, it was working fine but now is doing the same thing.

I have tested all antennas with my AA54 and they appear to be working fine. They also are fine without the autotuner in line. Any recommendations on troubleshooting would be very much appreciated.

Keith
AK6ZZ

7706. LDG1000pro issues

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-01-26 05:40:09 UTC
From: Keith
Topic: 7706 Message: 7706

I think I have an issue with my LDG1000pro AT. For antenna 2, the tuner doesn't seem to work any more. It cannot get any antenna even very well resonant antennas to tune and it reduces receive levels dramatically. On antenna 1, it was working fine but now is doing the same thing.

I have tested all antennas with my AA54 and they appear to be working fine. They also are fine without the autotuner in line. Any recommendations on troubleshooting would be very much appreciated.

Thanks & 73,

Keith
AK6ZZ

Sent from my iPhone

7707. Using RT-RC-100 and RBA-4-1 to tune long wire

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-01-31 22:51:16 UTC
From: w_r_adams1@...
Topic: 7707 Message: 7707

I've ordered the RT-RC-100 RBA-4-1 combination for use with a 90' end fed long wire (kind of a lazy inverted L at my site). I have questions about actually wiring this combination at the antenna. From reading the manual, I assume the antenna wire is connected to the red terminal of the 4:1 balun. So my question concerns the black terminal of the balun and the ground lug on the RT-100. Is there a requirement to wire them together? Does the wing nut/lug connect to a ground rod? Should an antenna return/radial/counter poise be attached to the balun?

In anticipation of the promised Wednesday delivery and taking advantage of our nice 60 to 77 degree weather I hung 90' of wire and made a temporary outdoor installation using my old AT-100Pro, an LDG 4:1 balun and a couple of homebrew bias Tees this weekend. No counterpoise was deployed but the AT-100Pro was grounded to an 8'copper clad rod that is attached to the home grounding system. A double male UHF connector tied the balun to the tuner's output port 1. Using my shack transceiver at 25 watts output, this system was able to tune 80 through 10 meters, except the 15 meter band, to less than 2:1 as indicated by the transceiver SWR meter. No field strength readings were made as this is a mockup of the coming equipment. Several phone contacts were made on the 40 and 20 meter bands and subjectively this system is quieter than my existing under soffit 80/40 fan dipole. Received signal strength was better on the end fed wire also.

I chose the 90' length based on an L. B. Cebik paper on the inverted-L that presented a range of expected impedance values and a comparison of those values to the specifications for the RT-RC-100 / RBA-4-1 matching capabilities. As installed, neither the vertical nor horizontal legs meet the model nor is the wire clear of vegetation. The result is I hope this system will provide contacts at my location.

I am also interested in the answer to a question posed to this group on Jan. 20 about bypassing the autotuner for SWL use of the antenna. I hope there is an answer other than installing a bypass switch at the tuner!

73
Bill AF4B

7708. Is my LDG200II Pro Dead??

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-02-06 15:57:12 UTC
From: wellfj@...
Topic: 7708 Message: 7708

I am running a LDG200II Pro which has been operating fine, however, now the tuner only outputs 5watts on any power setting of my radio 0-100watts on any HF band. I checked the output on the radio with a meter and the radio is fine. I still see SWR readings on the tuner 1.5 or less but output is pegged at 5W. Has my tuner gone down and is there anyway to trouble shoot? Any thoughts?

7711. RE: [LDG-auto-tuners] Re: New LDG Z-11 Pro II and New FT-857, Tuning issues.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-02-07 20:50:02 UTC
From: Thomas Chesek
Topic: 7709 Message: 7711

I don’t have an opinion regarding your earlier post but just for kicks I took my LDG Z-11ProII and tried the Bypass feature and it does work as indicated in the manual, not how yours is responding.

Tom K3TVC

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com]
Sent: Sunday, February 7, 2016 11:16
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: New LDG Z-11 Pro II and New FT-857, Tuning issues.

I've noticed the Bypass feature doesn't work properly as well, I have uploaded another video.

LDG Z11-PRO 2 Bypass issue. <https://www.youtube.com/watch?v=XELdoQCaC1M>

<https://www.youtube.com/watch?v=XELdoQCaC1M>

<https://www.youtube.com/watch?v=XELdoQCaC1M> LDG Z11-PRO 2 Bypass issue.

This feature is not available right now. Please try again later.

<https://www.youtube.com/watch?v=XELdoQCaC1M> View on www.youtube.com

Preview by Yahoo

7712. LDG AT-1000 problems

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-02-08 02:45:29 UTC
From: kc8vje@...
Topic: 7712 Message: 7712

Here's my problem. I perched this unit as new, old stock. When it powers on, the tuner goes insane. Meter light flashes, meters go nuts, and relays clicking randomly. Seller started that firmware was upgraded. Not sure what's going on.

Here's a link to a YouTube video of the tuner, and what is doing.
https://youtu.be/g6wesdJVnn0 https://youtu.be/g6wesdJVnn0

Somebody tell me if this can be fixed..

7713. Re: [LDG-auto-tuners] LDG AT-1000 problems

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-02-08 12:56:58 UTC
From: Joe
Topic: 7712 Message: 7713

The first thing I would look at is the power cable, fuses, etc. It looks like the tuner is trying to power up, loads down the 13.8VDC line (bad fuse, connection, connector?) and shuts down because the voltage sags. It then repeats the cycle. It may be something else, but this is the first thing and simplest thing that comes to mind.

73, Joe, K1ike

On 2/7/2016 9:45 PM, kc8vje@... [LDG-auto-tuners] wrote:
>
> Here's my problem. I perched this unit as new, old stock. When it
> powers on, the tuner goes insane. Meter light flashes, meters go nuts,
> and relays clicking randomly. Seller started that firmware was
> upgraded. Not sure what's going on.
>

7714. Re: LDG AT-1000 problems

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-02-08 18:18:14 UTC
From: kc8vje@...
Topic: 7712 Message: 7714

Way ahead of ya Joe. System checks out. Even tried new cable and power supply. Polarity protection diode shows good. Board looks pristine, and all PIC chips are properly seated. I used proper ESD protection. (Have small lab in garage)

Seller thought maybe a chip came unseated during transport

7717. Re: [LDG-auto-tuners] Re: New LDG Z-11 Pro II and New FT-857, Tuning issues.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-02-09 18:17:49 UTC
From: Craig
Topic: 7709 Message: 7717

Try to just see if the tuner works. Put the radio in AM mode, manually transmit, start a full tune and keep transmitting until it stops. If that works you probably have a problem in the radio setup menus or a bum cable.

Craig N4FSC

> On Feb 9, 2016, at 10:58 AM, "mw6fnv@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:
>
>
>
> A new tuner has arrived, still the same issues, I have uploaded another video.
>
> https://www.youtube.com/watch?v=O9uWhw3pGiw&feature=em-upload_owner
>
>
>
>

7718. RE: [LDG-auto-tuners] Re: New LDG Z-11 Pro II and New FT-857, Tuning issues.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-02-09 17:26:00 UTC
From: Thomas Chesek
Topic: 7709 Message: 7718

Could the problem be with the FT-857? Just for kicks I even tried plugging my acc cable in reverse but then I get no response from the radio at all.

Tom K3TVC

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com]
Sent: Tuesday, February 9, 2016 10:59
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: New LDG Z-11 Pro II and New FT-857, Tuning issues.

A new tuner has arrived, still the same issues, I have uploaded another video.

https://www.youtube.com/watch?v=O9uWhw3pGiw
<https://www.youtube.com/watch?v=O9uWhw3pGiw&feature=em-upload_owner>
&feature=em-upload_owner

7719. Re: [LDG-auto-tuners] Re: New LDG Z-11 Pro II and New FT-857, Tuning issues.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-02-09 17:33:45 UTC
From: Ed - ad7gr
Topic: 7709 Message: 7719

I assume you have viewed and are following instructions given in this training video by LDG...
https://www.youtube.com/watch?v=FkHgg2EQdBk

Two successive units with the same fault is odd. Perhaps an email to LDG is in order. I have found them very helpful.

73,
Ed - ad7gr
1jn4.8

On 2/9/2016 7:58 AM, mw6fnv@... [LDG-auto-tuners] wrote:
> A new tuner has arrived, still the same issues, I have uploaded
> another video.

7722. Re: [LDG-auto-tuners] Re: New LDG Z-11 Pro II and New FT-857, Tuning issues.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-02-09 19:08:39 UTC
From: Ed - ad7gr
Topic: 7709 Message: 7722

A mystery indeed. Sorry... I'm at a loss. Good luck.

73,
Ed - ad7gr
1jn4.8

On 2/9/2016 10:48 AM, mw6fnv@... [LDG-auto-tuners] wrote:
>
> Absolutely, I have followed the instructions on the video and the manual,
>
> Also the one that arrived today I powered it up only and checked the
> bypass function which did not work (just like the first unit), then I
> connected it all up to the radio etc to see if the tune function would
> work and exactly the same as the other one.

7723. Re: New LDG Z-11 Pro II and New FT-857, Tuning issues.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-02-09 20:12:14 UTC
From: cpu_nut@...
Topic: 7709 Message: 7723

If the Z11 ProII tunes with manual keying, this means 99% is working okay and the issue is just the radio/tuner interface. The tuner coming out of sleep is not the issue as the tuner comes out of sleep the moment you press a button. The tune command logic is not sent to the radio until you release the button and as can be seen in your video the tuner LEDs are still on after release so the tuner uP is awake. The radio should immediately change modes and transmit but it is not.

Which radio are you using again? Are you sure there is not a menu setting required? It is possible Yaesu changed something if this is a new radio. On many yaesu radios one had to change a menu item to indicate you are not using the Yaesu tuner which I think was the default. You might want to at least give that a try.

I wrote the firmware for the Z-11Pro but unfortunately don't know what was changed in the Pro-II as I have not been directly involved for some years. The stereo mini plug interface is as easy as it gets. I do have permission from LDG to help out here as much as I may not have the latest information.

In any case please experiment with my above and let me know the radio model and I'll see if I can get some additional information for you.

73, Craig

7724. Re: [LDG-auto-tuners] Re: New LDG Z-11 Pro II and New FT-857, Tuning issues.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-02-09 20:56:35 UTC
From: Craig
Topic: 7709 Message: 7724

I'd like to also add that you might want to pop the cover off the tuner and put a DMM on the "tip" of the "radio" jack on the tuner, the other DMM lead to the tuner case.. This is an open-collector logic drive to ground with 0.01 uF bypassing and no pull-up. The radio should pull it high when the tuner is idle. If you see this go low when you release the tune button on a memory or full tune, you know the tuner is doing its job and the radio is not recognizing this simple logic signal.

Let me know what you find and also after playing with the radio menu some along with letting me know what Yaesu you have.

73, Craig

> On Feb 9, 2016, at 3:12 PM, "cpu_nut@yahoo.com [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:
>
>
>
> If the Z11 ProII tunes with manual keying, this means 99% is working okay and the issue is just the radio/tuner interface. The tuner coming out of sleep is not the issue as the tuner comes out of sleep the moment you press a button. The tune command logic is not sent to the radio until you release the button and as can be seen in your video the tuner LEDs are still on after release so the tuner uP is awake. The radio should immediately change modes and transmit but it is not.
>
> Which radio are you using again? Are you sure there is not a menu setting required? It is possible Yaesu changed something if this is a new radio. On many yaesu radios one had to change a menu item to indicate you are not using the Yaesu tuner which I think was the default. You might want to at least give that a try.
>
> I wrote the firmware for the Z-11Pro but unfortunately don't know what was changed in the Pro-II as I have not been directly involved for some years. The stereo mini plug interface is as easy as it gets. I do have permission from LDG to help out here as much as I may not have the latest information.
>
> In any case please experiment with my above and let me know the radio model and I'll see if I can get some additional information for you.
>
> 73, Craig
>
>
>
>

7727. Re: [LDG-auto-tuners] Re: New LDG Z-11 Pro II and New FT-857, Tuning issues.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-02-09 21:24:02 UTC
From: Craig
Topic: 7709 Message: 7727

Dale,

Thanks for the additional details. Yea that is just not right (press another button and then press tune it works properly)!

What kind of power supply and cable length are you using to power the tuner?

I have a few other ideas to try:

1) Try connecting the power cable directly to the power supply or try a different power supply. I don't know if you are using a Power Pole type distribution box.

2) If you have a different power cable, try that, first direct to one or two different power supplys. If you have a 12V SLA battery laying around, try that.

3) If none of the above works and you have some "junk box" parts and a power cable to sacrifice, try putting an electrolytic across the power cable close to the tuner as another diagnostic tool. An electrolytic, 15V minimum and maybe 250 uF or greater, 1000uF or some Std value near that would be ideal

None of the above should be required and I have never seen anything like this. There is something not right going on here. I wish I had specific knowledge on the changes to the Pro-II. After you get back on the above, if it is still not working, I'll try to get you some inside help.

Craig

> On Feb 9, 2016, at 3:59 PM, "mw6fnv@... [LDG-auto-tuners]"
<LDG-auto-tuners@yahoogroups.com> wrote:
>
>
>
> Craig,
>
> Thanks for your reply, well it works if I wake it up with one button and then press the tune button, so something is happening there, all it is connected to is the ACC port on the radio using TX Req.
>
> The radios I have tried it with are a Brand new FT857D, a older FT857D and 2 FT897.
>
> I have tried 2 tuners and now 4 different radios and 4 cables, there is no menu setting for the ACC port.
>
> Also the Bypass function also does not work unless you press another button on the tuner before you press the Bypass function.
>

> If you don't press a button before Tune or Bypass on the tuner within a few secs it seems to Time out and need to do that again. You should not have to press a button to "wake it up" I don't know whether they have recently changed firmware or using a different PIC, but I have used a Z11-Pro II that doesn't do this.
>
> Both tuners have exactly the same issue out of the box.
>
> The PIC has this code written on top Z11PRO2 12
>
> Dale
>
>
>
>
>

7729. LDG-Z11 Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-02-11 20:03:11 UTC
From: qrpcwguy@...
Topic: 7729 Message: 7729

I mostly operate qrp, but some 100 watt level. The Z11 Pro works down to 0.1 watt correct? Anybody use it qrp?

John

7730. Re: LDG-Z11 Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-02-12 11:07:45 UTC
From: Phillip Zminda
Topic: 7729 Message: 7730

Hello John,

I use mine with a FLEX-1500 to tune my 43 ft vertical. It tunes easily with one watt. I installed a battery holder and have used it portable, also. It has been very reliable.

73,

Phil N3ZP

7731. Re: [LDG-auto-tuners] Re: New LDG Z-11 Pro II and New FT-857, Tuning issues.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-02-12 13:24:28 UTC
From: cpu_nut@...
Topic: 7709 Message: 7731

I looked at your video again and this time notice the green/red LED on the radio and see that it is keying the radio every time so please scratch what I had previously typed.

The tuner is working the way it was designed. Even on a full tune, if the match is already below the threshold (excellent match) it exits the tune algorithm early as it is already tuned. We did it this way purposely for speed. So for example, even on a full tune, it will take a shorter amout of time if the antenna is close to tuned and a longer time if the antenna is far off. Again, this is by design.

In your case the relays are already tuned so it is the extreme case that even a full tune exits "early" at no additional tuning. As the tune memories get filled with the settings for your antenna across bands and frequencies, this quick tune will be come more likely, again by design for speed and convenience.

The reason that sometimes it clicks once or twice when you press over and over quickly is just because the initial SWR reading shows just above the excellent tune threshold so it starts to tune and within a couple relay adjustments it is done and stops tuning.

If you do a bypass and go to a band and Freq it has not tuned before you will discover it will act more like you are expecting.

If you have a good dummy load connected, it will act like this all the time!

Both tuners you received are working as designed and properly.

73,

Craig

7732. Using Winmore with Icom IT-7100 and IT-100

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-02-21 20:21:14 UTC
From: landrjoh@...
Topic: 7732 Message: 7732

Hi all,

I'm a new ham (about 6 months) and trying to wrap my head around sending and receiving Winlink 2000 email via HF. I'm using an Icom IC-7100, RMS Express, and Winmor. The specifications in the IT-100 tuner manual say I'm limited to 30 watts on PSK and digital modes. I'm assuming this also includes Winmor.

Questions:

The Icom IC-7100 allows me to set the RF power between 0-100%. Since the maximum RF power for HF on the IC-7100 is 100 watts (running barefoot), do I simply set the RF power to 30% and my IT-100 will be safe?

If I put the IT-100 in bypass mode but still have it connected between the IC-7100 and antenna, do I still have to stay at or below 30 watts for digital modes, or can I go higher if needed without risk of damaging the IT-100?

Thanks in advance,

John
AA7US

7733. Re: [LDG-auto-tuners] Using Winmore with Icom IT-7100 and IT-100

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-02-21 21:24:04 UTC
From: Jim Allen
Topic: 7732 Message: 7733

How much power does it take to communicate with the gateway, I think they call it?

I've not run Winmore on HF, but the emergency group in Coronado had a Winlink VHF FM set up we used regularly. The transmissions were very short, and a watt was more than enough, depending on your antenna, of course.

Try 5 watts and go from there. I imagine it is somewhat dependent on propagation.

73 de W6OGC Jim Allen

Sent from my iPad

> On Feb 21, 2016, at 14:21, landrjoh@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:
>
> Hi all,
>
>
>
> I'm a new ham (about 6 months) and trying to wrap my head around sending and receiving Winlink 2000 email via HF. I'm using an Icom IC-7100, RMS Express, and Winmor. The specifications in the IT-100 tuner manual say I'm limited to 30 watts on PSK and digital modes. I'm assuming this also includes Winmor.
>
>
>
> Questions:
>
>
>
> The Icom IC-7100 allows me to set the RF power between 0-100%. Since the maximum RF power for HF on the IC-7100 is 100 watts (running barefoot), do I simply set the RF power to 30% and my IT-100 will be safe?
>
>
>
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>
>
>
> Thanks in advance,
>
>
>

> John
>
> AA7US
>
>

7734. Re: [LDG-auto-tuners] Using Winmore with Icom IT-7100 and IT-100

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-02-22 11:08:36 UTC
From: Alex Netherton
Topic: 7732 Message: 7734

Digital modes heat up finals (and antenna tuners), so it is a rule of thumb to set the transmitter to 30% power out. Many digital modes require only 10 watts or so, or you overload the signal, and the receiving station won't like you much.
Digital transmitting is dead carrier at 100%, and most modern rigs won't take it. Note that CW and SSB are only about 50% duty cycle.

73 de W5ALX EM85ro Buncombe County NC
Alex Netherton
http://blueridgediscovery.org
On 2/21/2016 4:24:09 PM, Jim Allen Jim.Allen@... [LDG-auto-tuners]
<ldg-auto-tuners@yahoogroups.com> wrote:

How much power does it take to communicate with the gateway, I think they call it?

I've not run Winmore on HF, but the emergency group in Coronado had a Winlink VHF FM set up we used regularly. The transmissions were very short, and a watt was more than enough, depending on your antenna, of course.

Try 5 watts and go from there. I imagine it is somewhat dependent on propagation.

73 de W6OGC Jim Allen

Sent from my iPad

On Feb 21, 2016, at 14:21, landrjoh@... [mailto:landrjoh@...] [LDG-auto-tuners]
<LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com]> wrote:

Hi all,

I'm a new ham (about 6 months) and trying to wrap my head around sending and receiving Winlink 2000 email via HF. I'm using an Icom IC-7100, RMS Express, and Winmor. The specifications in the IT-100 tuner manual say I'm limited to 30 watts on PSK and digital modes. I'm assuming this also includes Winmor.

Questions:

The Icom IC-7100 allows me to set the RF power between 0-100%. Since the maximum RF power for HF on the IC-7100 is 100 watts (running barefoot), do I simply set the RF power to 30% and my IT-100 will be safe?

If I put the IT-100 in bypass mode but still have it connected between the IC-7100 and antenna, do I still have to stay at or below 30 watts for digital modes, or can I go higher if needed without risk of damaging the IT-100?

Thanks in advance,

John
AA7US

7735. Re: [LDG-auto-tuners] Using Winmore with Icom IT-7100 and IT-100

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-02-22 19:50:09 UTC
From: landrjoh@...
Topic: 7732 Message: 7735

Thank you guys.

I emailed LDG support and was told the stated RF power limits do apply when the tuner is in bypass mode. That answer seems obvious now, but I just wanted to be sure about it. So with the IT-100 tuner physically connected between my radio and antenna, I'll always limited to 30 watts when using digital modes having a 100% duty cycle.

I did wind up setting my Icom IC-7100's RF power to 30% (30 watts) then adjusted Winmor's settings so the max reading during sustained xmit on the radio's RF power meter is about 25% (25 watts). That gives me an RF power comfort margin and seems to be working very well when sending data.

73,

John
AA7US

7736. Re: [LDG-auto-tuners] Using Winmore with Icom IT-7100 and IT-100

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-02-22 20:52:46 UTC
From: Alex Netherton
Topic: 7732 Message: 7736

Most modern rigs are also limited to a 30% power when on a 100% duty cycle. It has been the case for years. I have owned several rigs and even the tube rigs like a Hallicrafters HT-32A, a Swan 500, a Drake TR-4, all ran at a reduced power when on a 100% duty cycle, which for these was AM.
It is not just the tuner!

73 de W5ALX EM85ro Buncombe County NC
Alex Netherton
http://blueridgediscovery.org
On 2/22/2016 3:44:17 PM, landrjoh@... [LDG-auto-tuners] <ldg-auto-tuners@yahoogroups.com> wrote:

Thank you guys.

I emailed LDG support and was told the stated RF power limits do apply when the tuner is in bypass mode. That answer seems obvious now, but I just wanted to be sure about it. So with the IT-100 tuner physically connected between my radio and antenna, I'll always limited to 30 watts when using digital modes having a 100% duty cycle.

I did wind up setting my Icom IC-7100's RF power to 30% (30 watts) then adjusted Winmor's settings so the max reading during sustained xmit on the radio's RF power meter is about 25% (25 watts). That gives me an RF power comfort margin and seems to be working very well when sending data.

73,

John
AA7US

7737. RE: [LDG-auto-tuners] Re: New LDG Z-11 Pro II and New FT-857, Tuning issues.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-02-24 18:17:08 UTC
From: mw6fnv@...
Topic: 7709 Message: 7737

Hi Craig,

I have tried it on an antenna which was not tuned and the same thing happened, tried other bands and still the same.

Also tried yet another one and it's the same, so mine has gone back and a few others are going back to the dealer as well.

We have cancelled the other for the PRO 1000 and gone with SGC now.

7738. Re: [LDG-auto-tuners] Re: New LDG Z-11 Pro II and New FT-857, Tuning issues.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-02-24 18:37:40 UTC
From: Craig
Topic: 7709 Message: 7738

I'm sorry to hear. It seems like fast (in this case, instant) tuning, whether from memory or a prior close match on a full tune, is not a good for your application.

I'm sure LDG could have made a full tune always QRM a Freq for some seconds of relay clicking sound but decided not to within its algorithm to early exit once a low SWR is found.

My original thoughts are pasted below.

Regards,

Craig

I looked at your video again and this time notice the green/red LED on the radio and see that it is keying the radio every time so please scratch what I had previously typed.

The tuner is working the way it was designed. Even on a full tune, if the match is already below the threshold (excellent match) it exits the tune algorithm early as it is already tuned. We did it this way purposely for speed. So for example, even on a full tune, it will take a shorter amout of time if the antenna is close to tuned and a longer time if the antenna is far off. Again, this is by design.

In your case the relays are already tuned so it is the extreme case that even a full tune exits "early" at no additional tuning. As the tune memories get filled with the settings for your antenna across bands and frequencies, this quick tune will be come more likely, again by design for speed and convenience.

The reason that sometimes it clicks once or twice when you press over and over quickly is just because the initial SWR reading shows just above the excellent tune threshold so it starts to tune and within a couple relay adjustments it is done and stops tuning.

If you do a bypass and go to a band and Freq it has not tuned before you will discover it will act more like you are expecting.

If you have a good dummy load connected, it will act like this all the time!

Both tuners you received are working as designed and properly.

73,

Craig

> On Feb 24, 2016, at 1:17 PM, "mw6fnv@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:
>
>

>
> Hi Craig,
>
> I have tried it on an antenna which was not tuned and the same thing happened, tried other bands and still the same.
>
> Also tried yet another one and it's the same, so mine has gone back and a few others are going back to the dealer as well.
>
> We have cancelled the other for the PRO 1000 and gone with SGC now.
>
>
>

7739. Re: [LDG-auto-tuners] Re: New LDG Z-11 Pro II and New FT-857, Tuning issues.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-02-24 19:17:50 UTC
From: Ed - ad7gr
Topic: 7709 Message: 7739

Just to settle my own curiosity. What antennas are you using your tuners on?

73,
Ed - ad7gr
1jn4.8

On 2/24/2016 10:17 AM, mw6fnv@... [LDG-auto-tuners] wrote:
>
> Hi Craig,
>
>
> I have tried it on an antenna which was not tuned and the same thing
> happened, tried other bands and still the same.
>
> Also tried yet another one and it's the same, so mine has gone back
> and a few others are going back to the dealer as well.
>
> We have cancelled the other for the PRO 1000 and gone with SGC now.

7740. Voltage measurements on RC-100

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-02-29 20:38:11 UTC
From: w_r_adams1@...
Topic: 7740 Message: 7740

I recently purchased an RC-100, RT-100 4:1 balun combination. Unfortunately this combination failed to tune until I substituted a home brew bias T for the RC-100. I made the following voltage measurements on the RC-100 prior to deciding to return it for repair or replacement:
At power plug into RC-100 12.45V

At Tuner port of RC-100
Unit ON 7.32 V
Unit OFF 1.48 V

At input to RT-100, approximately 55' of LMR400
Unit ON 7.32V
Unit OFF 1.403V

After substituting my homebrew bias T, the voltage for 12.45 VDC input measured the same (12.45 VDC) at the T input and at the tuner end of the transmission line. The substitution also allowed the system to tune my 90' wire on all HF bands.

What voltages do you have on your RC-100 port in the on and off states?

This is simply curiosity as I am not doing the repair, I returned it to LDG as stated for repair or replacement.

73
Bill AF4B

7741. Bypass for AT-200Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-03-07 13:38:49 UTC
From: kb3mow@...
Topic: 7741 Message: 7741

I understand that this model goes into Bypass mode when turned off. However, does it also default to one antenna or the other when it is off?

For example, I have antenna 2 selected when I power down the unit. Does it remain on antenna 2 in bypass, or does it default back to antenna 1?

Tnx es 73
Doc
KB3MOW

7742. Re: [LDG-auto-tuners] Bypass for AT-200Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-03-07 15:07:08 UTC
From: Leonard K. Pennock (AD7AS)
Topic: 7741 Message: 7742

Defaults to one of the antenna but I don't remember which one.
--
Leonard K. Pennock (AD7AS)

On March 7, 2016 6:38:49 AM MST, "kb3mow@... [LDG-auto-tuners]"
<LDG-auto-tuners@yahoogroups.com> wrote:
>I understand that this model goes into Bypass mode when turned off.
>However, does it also default to one antenna or the other when it is
>off?
>
>For example, I have antenna 2 selected when I power down the unit. Does
>it remain on antenna 2 in bypass, or does it default back to antenna 1?
>
>Tnx es 73
>Doc
>KB3MOW
>
>

7743. setting CAT rate on 857D for the YT-100 auto tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-03-07 21:28:34 UTC
From: tittiger@...
Topic: 7743 Message: 7743

Hi Folks! --- Hope someone can help.

This is the first time I have tried to fire this combo up.
My problem is that as per the LDG directions I try to go into menu item #19
and set the CAT rate, there is no menu item #19 it goes directly from 14 to 22 and I have no idea
as to why.

Any guess's or solutions would be much appreciated.

Thanks in advance

7744. Re: setting CAT rate on 857D for the YT-100 auto tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-03-07 23:12:03 UTC
From: jefff620@...
Topic: 7743 Message: 7744

Select Menu option 001 EXT Menu, this will open up more detail in the menu options and you should see cat rate setting once you set it to the extended menu.

7745. Re: setting CAT rate on 857D for the YT-100 auto tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-03-07 23:16:50 UTC
From: jefff620@...
Topic: 7743 Message: 7745

Joe, In the menu, select 001 EXT MENU and select "ON" This will give you more menu options and you should see the CAT RATE 019. -Jeff

---In LDG-auto-tuners@yahoogroups.com, <tittiger@...> wrote :

Hi Folks! --- Hope someone can help.

This is the first time I have tried to fire this combo up.
My problem is that as per the LDG directions I try to go into menu item #19
and set the CAT rate, there is no menu item #19 it goes directly from 14 to 22 and I have no idea
as to why.

Any guess's or solutions would be much appreciated.

Thanks in advance

7746. Re: setting CAT rate on 857D for the YT-100 auto tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-03-07 23:21:12 UTC
From: jefff620@...
Topic: 7743 Message: 7746

Joe,

---In LDG-auto-tuners@yahoogroups.com, <tittiger@...> wrote :

Hi Folks! --- Hope someone can help.

This is the first time I have tried to fire this combo up.
My problem is that as per the LDG directions I try to go into menu item #19
and set the CAT rate, there is no menu item #19 it goes directly from 14 to 22 and I have no idea
as to why.

Any guess's or solutions would be much appreciated.

Thanks in advance

7747. Re: [LDG-auto-tuners] setting CAT rate on 857D for the YT-100 auto tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-03-07 23:24:06 UTC
From: Jeff
Topic: 7743 Message: 7747

I have an answer for you, I tried replying within the forum but it doesn't appear to be adding my response to the post. If you still need the answer reply back and I will tell you the fix. -Jeff

This email has been sent from a virus-free computer protected by Avast.
www.avast.com
<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=webmail>
<#DDB4FAA8-2DD7-40BB-A1B8-4E2AA1F9FDF2>

On Mon, Mar 7, 2016 at 4:28 PM, tittiger@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:

>
>
> Hi Folks! --- Hope someone can help.
>
> This is the first time I have tried to fire this combo up.
> My problem is that as per the LDG directions I try to go into menu item
> #19
>
> and set the CAT rate, there is no menu item #19 it goes directly from 14
> to 22 and I have no idea
>
> as to why.
>
> Any guess's or solutions would be much appreciated.
>
> Thanks in advance
>
>
>

7748. Re: [LDG-auto-tuners] Re: setting CAT rate on 857D for the YT-100 auto tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-03-08 00:26:34 UTC
From: Joe Tittiger
Topic: 7743 Message: 7748

Thanks very much Jeff I found it right after I emailed you.

If I were LDG I would have someone immediately add a single line note to
the directions, stating just what you told
me. It would take all of 10 minutes, and it would save a few others folks
hours of aggravation.

Thanks again
Joe

On Mon, Mar 7, 2016 at 6:16 PM, jefff620@... [LDG-auto-tuners] <
LDG-auto-tuners@yahoogroups.com> wrote:

>
>
> Joe, In the menu, select 001 EXT MENU and select "ON" This will give you
> more menu options and you should see the CAT RATE 019. -Jeff
>
>
> ---In LDG-auto-tuners@yahoogroups.com, <tittiger@...> wrote :
>
> Hi Folks! --- Hope someone can help.
>
> This is the first time I have tried to fire this combo up.
> My problem is that as per the LDG directions I try to go into menu item
> #19
>
> and set the CAT rate, there is no menu item #19 it goes directly from 14
> to 22 and I have no idea
>
> as to why.
>
> Any guess's or solutions would be much appreciated.
>
> Thanks in advance
>
>
>

7749. Re: [LDG-auto-tuners] Re: setting CAT rate on 857D for the YT-100 auto tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-03-08 02:34:40 UTC
From: Jeff Fischer
Topic: 7743 Message: 7749

I agree, the Yaesu menus aren't the greatest either! I have a 897d and a 857d and waiting for the YT-100 to show up in the mail this week. They are awesome radios and I have made a ton of contacts with the 897d. Enjoy the radio and tuner! -Jeff

Sent from my iPhone

> On Mar 7, 2016, at 7:26 PM, Joe Tittiger tittiger@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:
>
> Thanks very much Jeff I found it right after I emailed you.
>
> If I were LDG I would have someone immediately add a single line note to the directions, stating just what you told
> me. It would take all of 10 minutes, and it would save a few others folks hours of aggravation.
>
> Thanks again
> Joe
>
>> On Mon, Mar 7, 2016 at 6:16 PM, jefff620@gmail.com [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:
>>
>> Joe, In the menu, select 001 EXT MENU and select "ON" This will give you more menu options and you should see the CAT RATE 019. -Jeff
>>
>>
>>
>> ---In LDG-auto-tuners@yahoogroups.com, <tittiger@...> wrote :
>>
>> Hi Folks! --- Hope someone can help.
>>
>> This is the first time I have tried to fire this combo up.
>> My problem is that as per the LDG directions I try to go into menu item #19
>>
>> and set the CAT rate, there is no menu item #19 it goes directly from 14 to 22 and I have no idea
>>
>> as to why.
>>

>> Any guess's or solutions would be much appreciated.
>>
>> Thanks in advance
>>

>
>

7750. Re: [LDG-auto-tuners] Bypass for AT-200Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-03-09 02:02:46 UTC
From: Ed - ad7gr
Topic: 7741 Message: 7750

Doc,

Here's what I have found with my AT-600Pro... I am assuming that they would be the same but... ?
Selected Bypass and ANT2 (both LEDs lit).
Powered off.
Power on & it came up with ANT2 LED lit.
Selected Bypass (Bypass LED lit).
Powered off.
Powered on & it came up with ANT1 LED lit.
Powered off.
Powered on & it came up with ANT1 LED lit.
I'm assuming that ANT1 is the default.

Is this what you're looking for?

73,
Ed - ad7gr
1jn4.8

On 3/7/2016 5:38 AM, kb3mow@... [LDG-auto-tuners] wrote:
> I understand that this model goes into Bypass mode when turned
> off. However, does it also default to one antenna or the other when it
> is off?
>
> For example, I have antenna 2 selected when I power down the unit.
> Does it remain on antenna 2 in bypass, or does it default back to
> antenna 1?
>
> Tnx es 73
> Doc
> KB3MOW

7751. Re: [LDG-auto-tuners] Bypass for AT-200Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-03-09 03:16:09 UTC
From: larrylb@...
Topic: 7741 Message: 7751

from the manual:
"The power button on the AT-200 ProII actually places the tuner in bypass and enters a low power
sleep mode, rather than turning the unit fully off. Press the Power button for 3 seconds to turn off, or momentarily to turn on. By default, the tuner turns on at initial application of DC
power. When the tuner is off, the antenna selection defaults to bypass with Ant 2 selected."

Hope this helps
Larry KB8EMD

7752. Re: [LDG-auto-tuners] Bypass for AT-200Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-03-09 12:39:51 UTC
From: Dave 'Doc' Corio
Topic: 7741 Message: 7752

Looks like the instructions are a bit different for the Pro II. I have the Pro (no II) and it doesn't have that statement. It appears mine defaults to antenna 1, but still exploring that.

Tnx Larry es 73
Dave

Dave 'Doc' Corio
KB3MOW
http://www.qsl.net/kb3mow/

On 3/8/2016 10:16 PM, larrylb@... [LDG-auto-tuners] wrote:
>
> from the manual:
>
>
> "The power button on the AT-200 ProII actually places the tuner in
> bypass and enters a low power
> sleep mode, rather than turning the unit fully off. Press the Power
> button for 3 seconds to
> turn off, or momentarily to turn on. By default, the tuner turns on at
> initial application of DC
> power. When the tuner is off, the antenna selection defaults to bypass
> with Ant 2 selected."
>
> Hope this helps
> Larry KB8EMD
>
>

7753. Re: [LDG-auto-tuners] Bypass for AT-200Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-03-09 12:43:30 UTC
From: Dave 'Doc' Corio
Topic: 7741 Message: 7753

Maybe. According to the manual, bypass is not remembered from power down to power up. It may still be correct, however. Mine appears to default to antenna 1. The key I'm looking for is which, if any antenna is default when the unit is _off_. In other words, is there any way to use antenna 2 while the unit is off?

Tnx Ed es 73
Dave

Dave 'Doc' Corio
KB3MOW
http://www.qsl.net/kb3mow/

On 3/8/2016 9:02 PM, Ed - ad7gr ad7gr@... [LDG-auto-tuners] wrote:
>
> Doc,
>
> Here's what I have found with my AT-600Pro... I am assuming that they
> would be the same but... ?
> Selected Bypass and ANT2 (both LEDs lit).
> Powered off.
> Power on & it came up with ANT2 LED lit.
> Selected Bypass (Bypass LED lit).
> Powered off.
> Powered on & it came up with ANT1 LED lit.
> Powered off.
> Powered on & it came up with ANT1 LED lit.
> I'm assuming that ANT1 is the default.
>
> Is this what you're looking for?
>
> 73,
> Ed - ad7gr
> 1jn4.8
>
> On 3/7/2016 5:38 AM, kb3mow@... [LDG-auto-tuners] wrote:
> > I understand that this model goes into Bypass mode when turned
> > off. However, does it also default to one antenna or the other when it
> > is off?
> >
> > For example, I have antenna 2 selected when I power down the unit.
> > Does it remain on antenna 2 in bypass, or does it default back to
> > antenna 1?
> >
> > Tnx es 73
> > Doc

> > KB3MOW
>
>

7754. Re: [LDG-auto-tuners] Bypass for AT-200Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-03-09 14:28:22 UTC
From: Ed - ad7gr
Topic: 7741 Message: 7754

I'm glad you found that Larry. My AT-600Pro responds differently and I have it energizing with the station PS. The man with the specific user manual, as usual, saves the day.

73,
Ed - ad7gr
1jn4.8

On 3/8/2016 7:16 PM, larrylb@... [LDG-auto-tuners] wrote:

from the manual:

"The power button on the AT-200 ProII actually places the tuner in bypass and enters a low power

sleep mode, rather than turning the unit fully off. Press the Power button for 3 seconds to

turn off, or momentarily to turn on. By default, the tuner turns on at initial application of DC

power. When the tuner is off, the antenna selection defaults to bypass with Ant 2 selected."

Hope this helps

Larry KB8EMD

7755. Re: [LDG-auto-tuners] Bypass for AT-200Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-03-09 14:28:06 UTC
From: Ed - ad7gr
Topic: 7741 Message: 7755

I'm glad you found that Larry. My AT-600Pro responds differently and I have it energizing with the station PS. The man with the specific user manual, as usual, saves the day.

73,
Ed - ad7gr
1jn4.8

On 3/8/2016 7:16 PM, larrylb@... [LDG-auto-tuners] wrote:

from the manual:

"The power button on the AT-200 ProII actually places the tuner in bypass and enters a low power

sleep mode, rather than turning the unit fully off. Press the Power button for 3 seconds to

turn off, or momentarily to turn on. By default, the tuner turns on at initial application of DC

power. When the tuner is off, the antenna selection defaults to bypass with Ant 2 selected."

Hope this helps

Larry KB8EMD

7756. Re: [LDG-auto-tuners] Bypass for AT-200Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-03-09 15:40:21 UTC
From: Deanf
Topic: 7741 Message: 7756

Its been so long since I've used mine I forget. I'd put the antenna I used the most as ant 1 and not worry about it.

73, KG6MXZ
Dean

From: mailto:LDG-auto-tuners@yahoogroups.com
Sent: Wednesday, March 09, 2016 4:39 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] Bypass for AT-200Pro

Looks like the instructions are a bit different for the Pro II. I have the Pro (no II) and it doesn't have that statement. It appears mine defaults to antenna 1, but still exploring that.

Tnx Larry es 73
Dave

Dave 'Doc' Corio
KB3MOW
http://www.qsl.net/kb3mow/
On 3/8/2016 10:16 PM, larrylb@... [LDG-auto-tuners] wrote:

from the manual:

"The power button on the AT-200 ProII actually places the tuner in bypass and enters a low power
sleep mode, rather than turning the unit fully off. Press the Power button for 3 seconds to turn off, or momentarily to turn on. By default, the tuner turns on at initial application of DC
power. When the tuner is off, the antenna selection defaults to bypass with Ant 2 selected."

Hope this helps
Larry KB8EMD

7757. Re: [LDG-auto-tuners] Bypass for AT-200Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-03-09 21:08:49 UTC
From: Ed - ad7gr
Topic: 7741 Message: 7757

Time for an experiment. In the past I've had my vertical connected to ANT1 and a dummy load to ANT2. I just switched those and found that ANT2 is connected when the tuner is turned off. If ANT2 is active (light's on) and I either turn the tuner on or bring it up when I switch on my station PS the tuner comes up with ANT2 active. My 600Pro recalls the antenna last used and when selected, ANT2 is usable when the tuner is turned off. Test this with your 100Pro... if you can hear the stations on the air on ANT2 with the tuner turned off then it's working the same as mine.

BTW... I really goofed when I initially gave you my findings... I said "Powered on & it came up with ANT1 LED lit." Correction... That should have been "with the Bypass LED lit." I've been ill and my thinking was muddled. Sorry for any confusion to anyone following this thread.

73,
Ed - ad7gr
1jn4.8

On 3/9/2016 4:43 AM, Dave 'Doc' Corio kb3mow@... [LDG-auto-tuners] wrote:

Maybe. According to the manual, bypass is not remembered from power down to power up. It may still be correct, however. Mine appears to default to antenna 1. The key I'm looking for is which, if any antenna is default when the unit is off. In other words, is there any way to use antenna 2 while the unit is off?

Tnx Ed es 73
Dave

7758. YT-1200 tuning for FT-991 failing

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-03-13 09:41:13 UTC
From: kuocliao@...
Topic: 7758 Message: 7758

Dear LDG group:

Just bought a YT-1200 and installed with the Yaesu FT-991, following the instruction to install and set CAT rate etc. I operated it by pressing Tune botton for 3 sec. and LED goes out for one blink, several cycles went smoonthly, I can see the SWR was nearly 1.1. I was very happy. Then after few tunings I found the tuner failed to tune all bands and after I pressed Tune the tuner did not tune and the LED was blinking five times-according to the manual , it means "the tuning cycle failed. no RF was detected".

Need advice to troubleshoot if there is anything wrong with the setting or tuner itself, feel frustrated on this error.

Thanks and 73s

KIM BX2AEK

7759. Relays in the Yaesu 857D

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-03-15 04:15:29 UTC
From: tittiger@...
Topic: 7759 Message: 7759

Hi!

I am a very new general license holder and have a Yaesu 857D/LDG YT-100 setup.

When I tune some of the time the relays (in the radio?) must chatter at least 1,000 times! On the lower frequencies 160 and 80M I can not do just a memory tune and the YT-1000 goes into full blown tuning even though I let go of the button as soon as the red light comes on.

(I realize that it probably can not get a good tune at these frequencies but the algorithm stinks in that it does not do what I tell it to do. -- Why can't it just flash out that there is no tune in memory and let ME decide if I want to do a full blown tune? Are you listening LDG?)

My question is, how tough is this on the radio? Are these relays designed for this kind of use?

If they go south how hard are they to change out?

Thanks in advance

KD0ZBM

7760. Re: [LDG-auto-tuners] Relays in the Yaesu 857D

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-03-15 04:36:28 UTC
From: Craig
Topic: 7759 Message: 7760

I think you should also note your antenna type and its install details along with the feed line type and length. Since you are a new licensee are all new?

73, Craig

> On Mar 15, 2016, at 12:15 AM, "tittiger@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:
>
>
>
> Hi!
>
> I am a very new general license holder and have a Yaesu 857D/LDG YT-100 setup.
>
> When I tune some of the time the relays (in the radio?) must chatter at least 1,000 times!
> On the lower frequencies 160 and 80M I can not do just a memory tune and the YT-1000 goes into full blown tuning even though I let go of the button as soon as the red light comes on.
>
> (I realize that it probably can not get a good tune at these frequencies but the algorithm stinks in that it does not do what I tell it to do. -- Why can't it just flash out that there is no tune in memory and let ME decide if I want to do a full blown tune? Are you listening LDG?)
>
> My question is, how tough is this on the radio? Are these relays designed for this kind of use?
>
> If they go south how hard are they to change out?
>
> Thanks in advance
>
> KD0ZBM
>
>
>
>
>

7761. Re: [LDG-auto-tuners] Relays in the Yaesu 857D

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-03-15 11:50:17 UTC
From: Paul Manuel
Topic: 7759 Message: 7761

If the relays in the radio are really doing the chattering, it sound like a serious problem.
The LDG tuner will switch its relays in the way you are describing. Are you sure that is not what you are hearing?

73 Paul K4PDM

7762. Re: Relays in the Yaesu 857D

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-03-15 14:26:29 UTC
From: wv8a@...
Topic: 7759 Message: 7762

On 160 and 80, antennas typically have extremely narrow bandwidth, and fine tuning touchups are required even for a very small change in TX frequency across the band. The LDG is indeed telling you, by insisting on doing a full tune cycle, that a memorized setting, even though for a frequency close to the new one, are not right for the new freq you've set, and a full tune cycle is needed. If you later go back to exactly that same frequency, the memorized tuning setting should kick in quickly.. One could use up a lot of the LDG's memories just on 160 and 80. The algorithm doesn't stink. The LDG is not doing what you would like it to do in this case because it's protecting your radio from a too-high mismatch, and keeping it from destroying itself. If you want to take control of that, then don't use an automatic tuner.
The chattering relays are the LDG tuner switching inductor and capacitor combinations to achieve best match. Normal. If your antenna is outside the range that the LDG can compensate for, it will stop the attempts. On your Yaesu you might also see a "High SWR" indicator on the radio's LCD display. If there are chattering relays inside the radio itself, I'd be rather concerned. By experience it could indicate an RF feedback condition, another whole discussion in itself.
I assume you meant YT-100 not 1000. The LDG manual very clearly explains how and why the unit works, and how to interpret the readouts that the red LED indicator provides.
I'm using the AT-897Plus with FT-897D.
73, good luck.

Chuck WV8A

7763. Re: [LDG-auto-tuners] Relays in the Yaesu 857D

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-03-16 11:42:36 UTC
From: tittiger@...
Topic: 7759 Message: 7763

Paul I have no idea if I am hearing the radio relays or the Tuner relays. That is why I came here. .

Is it the Tuner that usually makes the chatter?

If so I am a bit relieved. I would rather have the relays on a $150 piece of equipment, that was probably designed to do so, that that kind use use, rather than my radio.

7764. Re: Relays in the Yaesu 857D

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-03-16 11:51:30 UTC
From: tittiger@...
Topic: 7759 Message: 7764

That helps a bit but I want to know what the algorithm is thinking when I call for a memory tune, b ituy refuses to do so and does a full blown tune instead.

I suspect it does so because the SWR is poor at that frequency that it overrides what I want.

I would like to suggest to LDG that they consider changing that behavior and instead alerting me that the tune is very poor at that frequency and allowing me to make the choice as to whether I want a full tune or not.

They might see that as a feature. I do not. I see it as a bug in the software.

I guess Ideally I would like to be able to modify the behavior of the tuner to better suite my needs. I am not sure if the unit makes that possible with an EPROM or other alterable type of memory.

I am sure that one of you reading this probably knows. :-)

7765. Tune when listening?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-03-16 12:01:53 UTC
From: tittiger@...
Topic: 7765 Message: 7765

This is probably a rhetorical question, but I will ask it anyhow since I have never seen it explicitly stated.

I assume that it is just as important to tune when I am lurking and not transmitting, , as it is when I transmit.

The difference being that you can not damage your radio when trying to listen with a very high SWR, but you sure could if you transmit with a very high SWR.

I am close to being correct?

Thanks

7766. Re: [LDG-auto-tuners] Tune when listening?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-03-16 13:18:44 UTC
From: Jim Allen
Topic: 7765 Message: 7766

The same losses occur with a mismatch on receive as transmit. I guess it doesn't "hurt" the radio.

Try this. Put your radio on a different band/frequency and listen for signals, then do a "tune." Noise and signals ought to be noticeably louder.

73 de W6OGC Jim Allen

Sent from my iPad

> On Mar 16, 2016, at 07:01, tittiger@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:
>
> This is probably a rhetorical question, but I will ask it anyhow since I have never seen it explicitly stated.
>
> I assume that it is just as important to tune when I am lurking and not transmitting, , as it is when I transmit.
>
> The difference being that you can not damage your radio when trying to listen with a very high SWR, but you sure could if you transmit with a very high SWR.
>
> I am close to being correct?
>
> Thanks
>
>
>
>

7767. Re: [LDG-auto-tuners] Re: Relays in the Yaesu 857D

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-03-16 13:47:40 UTC
From: Alex Netherton, W5ALX
Topic: 7759 Message: 7767

The LDG tuners call for a full tune whenever the SWR at a frequency is over 1.7 and it has not tuned that frequency before. If it has tuned that frequency, it will be stored in memory, and will make only a "pop" to get there, or at most a "pop-ping".
Asking the tuner to wait for input from the operator is not really a good idea, as many operators will keep whanging away, even at high SWR, thus burning the finals out of the radio. A costly mistake.
The tuner does just what it is designed to do, and is working as advertised. You can press the key combination of <FUNC> <C Dn> and make it not tune until you hit the <Tune> button, as shown in the manual, but then it becomes more of a manual tuner.

Alex Netherton, W5ALX
Buncombe County NC
EM85ro
FT-950, SB-200, LDG AT-600ProII, MFJ-1777
On 3/16/2016 8:56:47 AM, tittiger@... [LDG-auto-tuners] <ldg-auto-tuners@yahoogroups.com> wrote:

That helps a bit but I want to know what the algorithm is thinking when I call for a memory tune, b ituy refuses to do so and does a full blown tune instead.

I suspect it does so because the SWR is poor at that frequency that it overrides what I want.

I would like to suggest to LDG that they consider changing that behavior and instead alerting me that the tune is very poor at that frequency and allowing me to make the choice as to whether I want a full tune or not.

They might see that as a feature. I do not. I see it as a bug in the software.

I guess Ideally I would like to be able to modify the behavior of the tuner to better suite my needs. I am not sure if the unit makes that possible with an EPROM or other alterable type of memory.

 I am sure that one of you reading this probably knows. :-)

7768. Re: [LDG-auto-tuners] Relays in the Yaesu 857D

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-03-16 13:50:53 UTC
From: Alex Netherton, W5ALX
Topic: 7759 Message: 7768

It could be either. For the Yaesu, you have to choose a menu item that chooses an external antenna tuner, and use a specially made cord that interfaces with the radio.
The tuner will sound like a can full of steel shot being shaken, but that is how it is supposed to sound, and can sound like that for what seems like a long time. If the relays are chattering on the radio, then you need to go to the manual and figure out which menu item needs changing.

Alex Netherton, W5ALX
Buncombe County NC
EM85ro
FT-950, SB-200, LDG AT-600ProII, MFJ-1777
On 3/16/2016 8:54:36 AM, tittiger@... [LDG-auto-tuners] <ldg-auto-tuners@yahoogroups.com> wrote:

Paul I have no idea if I am hearing the radio relays or the Tuner relays. That is why I came here. .

Is it the Tuner that usually makes the chatter?

If so I am a bit relieved. I would rather have the relays on a $150 piece of equipment, that was probably designed to do so, that that kind use use, rather than my radio.

7769. Re: [LDG-auto-tuners] Tune when listening?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-03-16 13:34:51 UTC
From: Alex Netherton, W5ALX
Topic: 7765 Message: 7769

Well, I would (and usually do) find a clear spot on the band and let the tuner run a tune cycle. I use a balanced wire antenna, and the tuner seems to make a difference when I do this. I imagine it would make no difference on a coax fed antenna.
Remember that the tuner is no more than an impedance transformer. It does not, in most cases, resonate the antenna. The antenna's characteristics do not change with the tuner. This may be different when it is a balanced wire antenna, but I doubt it.

I have a 20 meter dipole. I usually use my 102' balanced wire fed doublet. It is like a G5RV, except for balanced line all the way to the shack. The tuner HATES 17 meeters on the doublet. It balks and will not tune, and the receive is poor. I can switch to the 20 meter dipole, run a tune cycle, and receive comes up 10 dB, and I get a 1.1:1 SWR! The antenna is cut for the phone portion of 20, but works just fine on 17. As a matter of fact, I worked San Andres and Providencia on 17 last week with this configuration. I don't think my losses were that bad, and the tuner worked fine.

Alex Netherton, W5ALX
Buncombe County NC

EM85ro
FT-950, SB-200, LDG AT-600ProII, MFJ-1777
On 3/16/2016 8:56:58 AM, tittiger@... [LDG-auto-tuners] <ldg-auto-tuners@yahoogroups.com> wrote:

This is probably a rhetorical question, but I will ask it anyhow since I have never seen it explicitly stated.

I assume that it is just as important to tune when I am lurking and not transmitting, , as it is when I transmit.

The difference being that you can not damage your radio when trying to listen with a very high SWR, but you sure could if you transmit with a very high SWR.

I am close to being correct?

Thanks

7770. Re: [LDG-auto-tuners] Relays in the Yaesu 857D

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-03-16 17:55:05 UTC
From: Jim WB8NBI
Topic: 7759 Message: 7770

I have never herd relays tuning in my radios. I do not think they have any relays to tune. IC-7200 and IC-7000

From: mailto:LDG-auto-tuners@yahoogroups.com
Sent: Wednesday, March 16, 2016 9:50 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] Relays in the Yaesu 857D

It could be either. For the Yaesu, you have to choose a menu item that chooses an external antenna tuner, and use a specially made cord that interfaces with the radio.
The tuner will sound like a can full of steel shot being shaken, but that is how it is supposed to sound, and can sound like that for what seems like a long time. If the relays are chattering on the radio, then you need to go to the manual and figure out which menu item needs changing.

Alex Netherton, W5ALX
Buncombe County NC
EM85ro
FT-950, SB-200, LDG AT-600ProII, MFJ-1777
On 3/16/2016 8:54:36 AM, tittiger@... [LDG-auto-tuners] <ldg-auto-tuners@yahoogroups.com> wrote:

Paul I have no idea if I am hearing the radio relays or the Tuner relays. That is why I came here. .

Is it the Tuner that usually makes the chatter?

If so I am a bit relieved. I would rather have the relays on a $150 piece of equipment, that was probably designed to do so, that that kind use use, rather than my radio.

7771. Re: [LDG-auto-tuners] Re: Relays in the Yaesu 857D

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-03-16 15:35:50 UTC
From: Ed - ad7gr
Topic: 7759 Message: 7771

Perhaps I missed it but...
What is your antenna type and it's feedline? Sounds like a simple question but there many variables and helpful to have all the facts pertaining to your complete antenna system.

73,
Ed - ad7gr
1jn4.8

7772. Re: [LDG-auto-tuners] Relays in the Yaesu 857D

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-03-16 15:40:31 UTC
From: Paul Manuel
Topic: 7759 Message: 7772

blockquote, div.yahoo_quoted { margin-left: 0 !important; border-left:1px #715FFA solid !important; padding-left:1ex !important; background-color:white !important; } There is no internal tuner in the FT 857 so relays clicking in it would be bad.

Sent from Yahoo Mail for iPhone

On Wednesday, March 16, 2016, 10:29 AM, 'Alex Netherton, W5ALX' w5alx-groups@charter.net [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:

It could be either. For the Yaesu, you have to choose a menu item that chooses an external antenna tuner, and use a specially made cord that interfaces with the radio.The tuner will sound like a can full of steel shot being shaken, but that is how it is supposed to sound, and can sound like that for what seems like a long time. If the relays are chattering on the radio, then you need to go to the manual and figure out which menu item needs changing.

Alex Netherton, W5ALXBuncombe County NCEM85roFT-950, SB-200, LDG AT-600ProII, MFJ-1777

On 3/16/2016 8:54:36 AM, tittiger@... [LDG-auto-tuners] <ldg-auto-tuners@yahoogroups.com> wrote:

Paul I have no idea if I am hearing the radio relays or the Tuner relays. That is why I came here. .

Is it the Tuner that usually makes the chatter?

If so I am a bit relieved. I would rather have the relays on a $150 piece of equipment, that was probably designed to do so, that that kind use use, rather than my radio.

7773. Re: setting CAT rate on 857D for the YT-100 auto tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-03-17 04:20:49 UTC
From: larrylb@...
Topic: 7743 Message: 7773

ok guys what was said and what is the answer old folks want to know? Larry

7774. Re: Relays in the Yaesu 857D

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-03-17 14:13:51 UTC
From: Cortland Richmond
Topic: 7759 Message: 7774

On 3/16/2016 5:564 AM, joe_in_missouri wrote:
> ... I want to know what the algorithm is thinking when I call for a memory tune, b ituy refuses to do so and does a full blown tune instead.
>
> I suspect it does so because the SWR is poor at that frequency that it overrides what I want.
>
> I would like to suggest to LDG that they consider changing that behavior and instead alerting me that the tune is very poor at that frequency and allowing me to make the choice as to whether I want a full tune or not.
>
> They might see that as a feature. I do not. I see it as a bug in the software.

I own an old ICOM AH-2 tuner that could tune a foot of wire on 20 meters. That might seem like a good thing, but it isn't. Why?

One day, the tuner stopped working while I was operating on the way to work. When I got home that afternoon, I opened it up and found a copper trace burned out on the tuner; the trace was far too thin – poor etching*, perhaps – but I suspect it would've burned out if it had been full width.

By using inductors and capacitors to alter the ratio of current to voltage. They are resonant circuits, in a manner of speaking. And what do we learn about resonant circuits when we study for the test? The current in a resonant circuit can far exceed the current sent into it; the current flowing around a parallel resonant circuit is many times higher, if the Q is high enough, then we might think of from the voltage we applied to it.

Trying to tune a very high impedance, perhaps a half wavelength of wire (which tuner manufacturers tell us not to do), will cause current in a tuner to be much higher than its traces and inductors can take – and the voltage across capacitors can easily exceed their ratings. One day, the tuner stopped working while I was operating on the way to work. When I got home that afternoon, I opened it up and found a copper trace burned out on the tuner; the trace was far too thin - poor etching, perhaps - but I suspect it would've burned out if it had been full width.

That's why LDG (and now others) program their tuners to stop tuning if the match is out of the range the components can handle. By using inductors and capacitors to alter the ratio of current to voltage. They are resonant circuits, in a manner of speaking. And what do we learn about resonant circuits when we study for the test? The current in a resonant circuit can far exceed the current sent into it; the current flowing around a parallel resonant circuit is many times higher, if the

Q is high enough, then we might think of from the voltage we applied to it. That current, flowing through the capacitor and inductor, produces an extremely high voltage across them. We don't want our L match or T match tuners to even approach parallel resonance.

Trying to tune a very high impedance, perhaps a half wavelength of wire (which tuner manufacturers tell us not to do), can cause current somewhere in a tuner to be much higher than its traces and inductors can take – and the voltage across capacitors can easily exceed their ratings. One day, the tuner stopped working while I was operating on the way to work.

When I got home that afternoon, I opened it up and found a copper trace burned out on the tuner; the trace was far too thin - poor workmanship, perhaps - but I suspect it would've burned out if it had been full width.

That's why LDG (and now others) program their tuners to stop tuning if the match is out of the range the components can handle. Relays too have ratings; contacts can be scorched, welded together, or pitted by too much current flowing in them or too much of voltage arcing across them.LDG – and others – design tuners based on the RF power and modes most amateurs use. This usually means SSB, sometimes CW, and lately, high duty cycle data modes. The "200 W" tuner we buy may be built for a rather lower continuous power and using it very long at even a 100 W may exceed component ratings; if, in addition, we try to tune a load it is not rated for, we're asking for trouble.

And that's why a firmware limit on the matching range attempted is a GOOD idea.

Cortland KA5S

7775. Re: [LDG-auto-tuners] Tune when listening?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-03-17 16:23:57 UTC
From: tittiger@...
Topic: 7765 Message: 7775

Thanks I thought so but it is always nice to get confirmation of what I assumed.

So much to learn! All the help makes it easier.

7776. Re: [LDG-auto-tuners] Re: Relays in the Yaesu 857D

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-03-17 17:04:04 UTC
From: tittiger@...
Topic: 7759 Message: 7776

Hi Ed!

I didn't reply because I did not think it pertinent to my question.

But what I have is 50' of RG 8x and a homebrew off center fed spiral dipole with a 4:1 current balun.
It was advertised to being able to tune 40 to 6 meters (with some of them resonant even without a tuner) and not a 60-160 meter antenna.

Spiral Dipole Antennas - KN9B http://www.kn9b.us/spiral-dipole

http://www.kn9b.us/spiral-dipole

Spiral Dipole Antennas - KN9B http://www.kn9b.us/spiral-dipole Some Amateur Radio stations use high power 1500 Watt transmitters to bounce signals off the moon reflecting back to earth however others make worldwide ...

View on www.kn9b.us http://www.kn9b.us/spiral-dipole
Preview by Yahoo

7777. Re: [LDG-auto-tuners] Re: Relays in the Yaesu 857D

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-03-17 21:31:05 UTC
From: Craig
Topic: 7759 Message: 7777

The antenna and feedline has everything to do with your question as this will determine return-loss and Q of the antenna. Especially on low bands, good, new, short transmission line and a high Q antenna will be harder to match without a longer tune sequence.

Craig

> On Mar 17, 2016, at 1:04 PM, "tittiger@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:
>
>
>
> Hi Ed!
>
> I didn't reply because I did not think it pertinent to my question.
>
> But what I have is 50' of RG 8x and a homebrew off center fed spiral dipole with a 4:1 current balun.
> It was advertised to being able to tune 40 to 6 meters (with some of them resonant even without a tuner)
> and not a 60-160 meter antenna.
>
> Spiral Dipole Antennas - KN9B
>
> Spiral Dipole Antennas - KN9B
> Some Amateur Radio stations use high power 1500 Watt transmitters to bounce signals off the moon reflecting back to earth however others make worldwide ...
> View on www.kn9b.us
> Preview by Yahoo
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7778. Re: [LDG-auto-tuners] Re: Relays in the Yaesu 857D

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-03-17 20:28:54 UTC
From: Ed - ad7gr
Topic: 7759 Message: 7778

Hi (wish I had your name and callsign)

Have you checked out the antenna and coax with an antenna analyzer or SWR meter? It would be interesting to see what those results are.

73,
Ed - ad7gr
1jn4.8

On 3/17/2016 10:04 AM, tittiger@... [LDG-auto-tuners] wrote:

Hi Ed!

I didn't reply because I did not think it pertinent to my question.

But what I have is 50' of RG 8x and a homebrew off center fed spiral dipole with a 4:1 current balun.
It was advertised to being able to tune 40 to 6 meters (with some of them resonant even without a tuner)

and not a 60-160 meter antenna.

Spiral Dipole Antennas - KN9B (http://www.kn9b.us/spiral-dipole)

7779. Re: Relays in the Yaesu 857D

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-03-18 14:24:45 UTC
From: tittiger@...
Topic: 7759 Message: 7779

Thanks Cortland. That connected a few more of the dots!

Joe AKA --- KD0ZBM :-)

7780. Re: Relays in the Yaesu 857D

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-03-18 14:29:55 UTC
From: Joe Tittiger
Topic: 7759 Message: 7780

Thanks Craig...
I realize that a better and shorter cable would be optimal but I set this up in the back yard
when I use it, in a very restrictive area and I need the 50 feet.

I did have 50 feet of LMR 400 but found it way too stiff to string out every day.

7781. Re: Relays in the Yaesu 857D

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-03-18 14:33:14 UTC
From: Joe Tittiger
Topic: 7759 Message: 7781

I wish I could afford a good analyzer.
They are not cheap.

I was told that the MFJ-969 was a good choice.

http://www.amazon.com/gp/product/B0053ZDGMQ

~ KD0ZBM

7782. Re: Relays in the Yaesu 857D

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-03-18 14:35:45 UTC
From: Joe Tittiger
Topic: 7759 Message: 7782

Opps! I did not mean the tuner I meant this analyzer:

MFJ-259C
http://www.amazon.com/gp/product/B00WLB22XO

7783. RE: [LDG-auto-tuners] Re: Relays in the Yaesu 857D

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-03-18 16:57:33 UTC
From: Bill Husted
Topic: 7759 Message: 7783

You may want to compare that one to the RigExperts - I've had excellent luck with them. And, unlike the MFJ you linked, there is a graphing function - so you can see a graph with the dips and peaks on the screen.

http://www.amazon.com/s/ref=nb_sb_noss_2?url=search-alias%3Delectronics&field-keywords=rig expert

Bill KQ4YA

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com]
Sent: Friday, March 18, 2016 10:36 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: Relays in the Yaesu 857D

Opps! I did not mean the tuner I meant this analyzer:

MFJ-259C
http://www.amazon.com/gp/product/B00WLB22XO

7784. Re: [LDG-auto-tuners] Re: Relays in the Yaesu 857D

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-03-18 17:28:12 UTC
From: Ed - ad7gr
Topic: 7759 Message: 7784

Joe,

Before analyzers came on the scene I used a SWR meter and when needed a grid dip oscillator. I built a lot of antennas using just the SWR meter before I built the GDO.

Your SWR meter will tell you a lot about your system. Use that to check out your antenna system from the station end of the coax, without the auto-tuner to the antenna, on the frequencies of interest. If you don't have a separate SWR meter then use the one in your rig. If it pegs your meter on the frequencies the antenna manufacturer says should be near resonant you will have to track down the part that is at fault. Your rig wants to see an SWR equal to or less than 1.5:1.

73,
Ed - ad7gr
1jn4.8

On 3/18/2016 7:35 AM, Joe Tittiger tittiger@... [LDG-auto-tuners] wrote:
> Opps! I did not mean the tuner I meant this analyzer:
>
>
> MFJ-259C

7785. Re: [LDG-auto-tuners] Re: Relays in the Yaesu 857D

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-03-18 21:34:51 UTC
From: Rudi
Topic: 7759 Message: 7785

Check Gigparts, picked mine up for a lot cheaper.They are worth their weight in gold!Rudi wa2nub

From: "Joe Tittiger tittiger@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com>
To: LDG-auto-tuners@yahoogroups.com
Sent: Friday, March 18, 2016 10:35 AM
Subject: [LDG-auto-tuners] Re: Relays in the Yaesu 857D

<!--#yiv8575805757 #yiv8575805757 .yiv8575805757ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv8575805757 div.yiv8575805757ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv8575805757 div.yiv8575805757photo-title a, #yiv8575805757 div.yiv8575805757photo-title a:active, #yiv8575805757 div.yiv8575805757photo-title a:hover, #yiv8575805757 div.yiv8575805757photo-title a:visited {text-decoration:none;}#yiv8575805757 div.yiv8575805757attach-table div.yiv8575805757attach-row {clear:both;}#yiv8575805757 div.yiv8575805757attach-table div.yiv8575805757attach-row div {float:left;}#yiv8575805757 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv8575805757 div.yiv8575805757ygrp-file {width:30px;}#yiv8575805757 div.yiv8575805757attach-table div.yiv8575805757attach-row div div a {text-decoration:none;}#yiv8575805757 div.yiv8575805757attach-table div.yiv8575805757attach-row div div span {font-weight:normal;}#yiv8575805757 div.yiv8575805757ygrp-file-title {font-weight:bold;}#yiv8575805757 --> <!--#yiv8575805757 #yiv8575805757ygrp-mkp {border:1px solid #d8d8d8;font-family:Arial;margin:10px 0;padding:0 10px;}#yiv8575805757 #yiv8575805757ygrp-mkp hr {border:1px solid #d8d8d8;}#yiv8575805757 #yiv8575805757ygrp-mkp #yiv8575805757hd {color:#628c2a;font-size:85%;font-weight:700;line-height:122%;margin:10px 0;}#yiv8575805757 #yiv8575805757ygrp-mkp #yiv8575805757ads {margin-bottom:10px;}#yiv8575805757 #yiv8575805757ygrp-mkp .yiv8575805757ad {padding:0 0;}#yiv8575805757 #yiv8575805757ygrp-mkp .yiv8575805757ad p {margin:0;}#yiv8575805757 #yiv8575805757ygrp-mkp .yiv8575805757ad a {color:#0000ff;text-decoration:none;}-->

Opps! I did not mean the tuner I meant this analyzer:

MFJ-259C
http://www.amazon.com/gp/product/B00WLB22XO

7786. Re: [LDG-auto-tuners] Re: Relays in the Yaesu 857D

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-03-18 22:43:59 UTC
From: Jim Allen
Topic: 7759 Message: 7786

Gigaparts $249.95
Gigaparts via Amazon $279.95
MFJ via Amazon $266.90 free shipping
MFJ direct $299.95

73 de W6OGC Jim Allen

Sent from my iPad

> On Mar 18, 2016, at 16:34, Rudi wa2nub@... [LDG-auto-tuners]
<LDG-auto-tuners@yahoogroups.com> wrote:
>
> Check Gigparts, picked mine up for a lot cheaper.
> They are worth their weight in gold!
> Rudi
> wa2nub
>
>
> From: "Joe Tittiger tittiger@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com>
> To: LDG-auto-tuners@yahoogroups.com
> Sent: Friday, March 18, 2016 10:35 AM
> Subject: [LDG-auto-tuners] Re: Relays in the Yaesu 857D
>
>
>
> Opps! I did not mean the tuner I meant this analyzer:
>
>
> MFJ-259C
> http://www.amazon.com/gp/product/B00WLB22XO
>
>
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7787. Re: [LDG-auto-tuners] Relays in the Yaesu 857D

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-03-19 01:36:55 UTC
From: Alex Netherton
Topic: 7759 Message: 7787

I have IC-7000 and FT-950. The 950 has an internal tuner good to 3:1. The 7k has none. I routinely use a LDG on both.

Sent from TypeApp

On Mar 16, 2016, 1:55 PM, at 1:55 PM, "'Jim WB8NBI' wb8nbi@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:
>I have never herd relays tuning in my radios. I do not think they have
>any relays to tune. IC-7200 and IC-7000
>
>
>From: mailto:LDG-auto-tuners@yahoogroups.com
>Sent: Wednesday, March 16, 2016 9:50 AM
>To: LDG-auto-tuners@yahoogroups.com
>Subject: Re: [LDG-auto-tuners] Relays in the Yaesu 857D
>
>
>
>It could be either. For the Yaesu, you have to choose a menu item that
>chooses an external antenna tuner, and use a specially made cord that
>interfaces with the radio.
>The tuner will sound like a can full of steel shot being shaken, but
>that is how it is supposed to sound, and can sound like that for what
>seems like a long time. If the relays are chattering on the radio, then
>you need to go to the manual and figure out which menu item needs
>changing.
>
>
>Alex Netherton, W5ALX
>Buncombe County NC
>EM85ro
>FT-950, SB-200, LDG AT-600ProII, MFJ-1777
>On 3/16/2016 8:54:36 AM, tittiger@... [LDG-auto-tuners]
><ldg-auto-tuners@yahoogroups.com> wrote:
>
>
>Paul I have no idea if I am hearing the radio relays or the Tuner
>relays. That is why I came here. .
>
> Is it the Tuner that usually makes the chatter?
>
>
>If so I am a bit relieved. I would rather have the relays on a $150
>piece of equipment, that was probably designed to do so, that that kind
>use use, rather than my radio.

7788. RE: [LDG-auto-tuners] Re: Relays in the Yaesu 857D

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-03-19 08:19:16 UTC
From: tittiger@...
Topic: 7759 Message: 7788

Thanks I put it on my Amazon wish list. but at $350 or so...

I might just have to think about a SWR meter for now. :-)

Thanks everyone for all the input. I will take the time it takes me to save my pennies to get more educated as to what is one the market.

7789. Yaesu FT-847 tuner question

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-03-19 23:05:03 UTC
From: n9nau@...
Topic: 7789 Message: 7789

Is there a LDG tuner that will interface directly with the Yaesu FT-847? I was wondering if any one out here has done this and what did it take to do it? I know there was an automatic tuner Yaesu FC-20 and the ATAS-100 that Yaesu sold for directly interfacing with the FT-847.

I have been able to use the Z-100 PLUS with special procedures during tuning to make it work. It was purchased with my FT-857 and worked quite well. I purchased a YT-100 thinking it would replace the mechanical tuner on the FT-847 but I could not get it to tune. The YT-100 works fine with the FT-857 so I left it there. When I tune the FT-847 and Z-100 I have to set the FT-847 up as either AM or FM when it transmits to fool the Z-100 into tuning. When I press the tuning button on the front of the Z-100 it will then key the transmitter via the CW input lead and do its business. Then I have to change the transmitter back to SSB to work signals. So far this works fine, but I am wondering if there is an easier way.

My reasons for this is Field Day when less familiar people try to operate on your equipment position while you are catching a nap or something. The mechanical tuner I have been using has switch problems and doesn't work well on the 160 meter band.

Any info would be quite helpful since this is my first time trying to use this. Thanks

N9NAU

7790. Firmware upgrade for my broken LDG Z100

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-03-20 21:19:54 UTC
From: yo3gwm@...
Topic: 7790 Message: 7790

Hello,

I need software upgrade for LDG Z100 for my broken tuner.
Any ideas ?

Thank's

Cristi Mitroi
YO3GWM

7791. F/S RT100/RC100

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-03-20 23:37:34 UTC
From: Jim Allen
Topic: 7791 Message: 7791

I have a RT100/RC100 remote autotuner I am no longer using. It worked just fine while I had it in use for about a year. Excellent condition. $180.

Buyer to pay shipping from central Texas. No Paypal Check/USPS MO OK. W6OGC@...

73 de W6OGC Jim Allen

Sent from my iPad

7792. LDG tuners need to have a reset feature

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-03-21 20:03:57 UTC
From: rmckee1957@...
Topic: 7792 Message: 7792

I find it hard to believe that LDG did not provide a way to do a full reset. Once my LDG Z11 Pro 2 has been used on a frequency with a certain antenna, I find it impossible to get it to tune another antenna on that frequency. I can confirm this by letting it try to tune the new antenna for which it doesn't find a match and then just switch to the original antenna and its matched without the tuner making any changes - it just wants to do a memory tune for the original antenna only. I can force a full tune but it will not hold it and returns to the memory tune on the second transmission. Anyone else had this problem ? I feel that it needs reset to factory default but according to LDG there is no way to do that !

kc8aon

7793. Hi i am selling a LDG yaesu one touch tune interface

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-03-22 10:12:31 UTC
From: david.browne7@...
Topic: 7793 Message: 7793

I have listed a full working order LDG yaesu one touch tune interface on ebay,
I have listed as well a w4rt one touch tune interface for the yaesu FT-100/d
and a LDG Z11pro tune with 8aa battery tray fitted

LDG Yaesu One-Touch-Tune, INTERFACE FT-817 (D), FT-100(D), FT-857(D) and FT-897(
http://www.ebay.co.uk/itm/-/301905567101

http://www.ebay.co.uk/itm/-/301905567101

LDG Yaesu One-Touch-Tune, INTERFACE FT-817 (D), F...
http://www.ebay.co.uk/itm/-/301905567101 LDG Yaesu One-Touch-Tune, INTERFACE FT-817 (D),
FT-100(D), FT-857(D) and FT-897(in Mobile Phones & Communication, Radio Communication...

View on www.ebay.co.uk http://www.ebay.co.uk/itm/-/301905567101
Preview by Yahoo

Thanks Dave 2E0DMB

7794. Re: LDG tuners need to have a reset feature

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-03-24 19:51:49 UTC
From: rmckee1957@...
Topic: 7792 Message: 7794

Well, is there a way to do this ? Anyone ?

kc8aon

7795. Re: LDG tuners need to have a reset feature

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-03-24 22:36:30 UTC
From: n2rrr@...
Topic: 7792 Message: 7795

My older LDG-AT200pro can do a reset. My LDG-AT600 proII does not. It was confirmed by LDG. I was told the newer proII models clears memory when you do a full scan on a given frequency ex: holding the tune button for more then 1 second will initiate a new memory scan...

Hope this helps

Randy, N2RRR

7796. Re: LDG tuners need to have a reset feature

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-03-24 23:15:07 UTC
From: jwalden@...
Topic: 7792 Message: 7796

Given the black & white conditions that you describe and I am an engineer (forgive me), I need to know what the two antennas are #1.

Next, what is the SWR of the antennas on the freqs that the tuner does not work for ant #2?

My use of LDG tuners, and it is certainly does not include older versions nor many models, but they do not need a reset. I have a wire loop that passes thru 2 trees. They give ample opportunity for varying VSWR which happens. Forgetting rain storms, but just a wet day in the summer versus a dry day in the summer causes automatic retune and my transceiver shows the resulting SWR which is not always the same low number .. but as long as it is low enough that my amp can handle, I don't care. If I did, I would have the LDG, MFJ, and Palstar ... wouldn't be a great review if some entity did a auto-tuner performance show down (I digress).

-Jeff W9NIZ

7797. Re: LDG tuners need to have a reset feature

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-03-25 11:41:47 UTC
From: rmckee1957@...
Topic: 7792 Message: 7797

The antennas at home are an off center fed dipole and I only need the tuner for it on 80 meters where the swr is 2.5:1 where I operate and an end fed 88' wire that is fed with a 4:1 unun and the swr is only 3.5:1. The main antenna is the ocfd. Who knows what I'll be using out in the field when the weather gets better. With all this finicky operation, I'll most likely just use one of my manual tuners !

kc8aon

---In LDG-auto-tuners@yahoogroups.com, <jwalden@...> wrote :

Given the black & white conditions that you describe and I am an engineer (forgive me), I need to know what the two antennas are #1.

Next, what is the SWR of the antennas on the freqs that the tuner does not work for ant #2?

My use of LDG tuners, and it is certainly does not include older versions nor many models, but they do not need a reset. I have a wire loop that passes thru 2 trees. They give ample opportunity for varying VSWR which happens. Forgetting rain storms, but just a wet day in the summer versus a dry day in the summer causes automatic retune and my transceiver shows the resulting SWR which is not always the same low number .. but as long as it is low enough that my amp can handle, I don't care. If I did, I would have the LDG, MFJ, and Palstar ... wouldn't be a great review if some entity did a auto-tuner performance show down (I digress).

-Jeff W9NIZ

7798. Re: LDG tuners need to have a reset feature

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-03-25 11:08:33 UTC
From: rmckee1957@...
Topic: 7792 Message: 7798

Well, I have tried that - it will retune by holding the tune button for more than one second, but on the next transmission it will retune to what is stored in memory. Once it does the memory tune, I can change to the antenna the memory tune was for and I've got a match, but the new antenna will only match when I do a full tune, to get a match for the new antenna I have to do a full tune on every transmission. Kind of flaky if you ask me. If they would only incorporate a reset button to where you could clear all memories it wouldn't be a problem. And if I used the same antenna all the time it really wouldn't matter. But I bought this tuner to use at home and in the field where I don't always use the same antenna, and once it stores settings for a particular antenna and frequency combination it wants to use that setting every time no matter what antenna I'm using ! If no reset is possible, is there a way to disable the memory tune feature ?

kc8aon

---In LDG-auto-tuners@yahoogroups.com, <n2rrr@...> wrote :

My older LDG-AT200pro can do a reset. My LDG-AT600 proII does not. It was confirmed by LDG. I was told the newer proII models clears memory when you do a full scan on a given frequency ex: holding the tune button for more then 1 second will initiate a new memory scan...

Hope this helps

Randy, N2RRR

7799. Re: [LDG-auto-tuners] Re: LDG tuners need to have a reset feature

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-03-25 15:03:18 UTC
From: Ed - ad7gr
Topic: 7792 Message: 7799

Rick, Have you been able to determine where the tuner freq memory is stored? There must be a viable solution and I would have thought that the folks at LDG would have chimed in on this by now. Doesn't someone there monitor this group?

73,
Ed - ad7gr
1jn4.8

On 3/25/2016 4:08 AM, rmckee1957@... [LDG-auto-tuners] wrote:
> But I bought this tuner to use at home and in the field where I don't
> always use the same antenna, and once it stores settings for a
> particular antenna and frequency combination it wants to use that
> setting every time no matter what antenna I'm using !

7800. Re: [LDG-auto-tuners] Re: LDG tuners need to have a reset feature

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-03-25 19:24:16 UTC
From: rmckee1957@...
Topic: 7792 Message: 7800

They don't provide a schematic in the manual Ed, and I haven't really tried to mess with the circuitry. Only thing I've done inside was to add a battery holder which amounted to soldering 2 wires. It has what I want to call a plug in eprom and I would figure that's where its all stored.

kc8aon

---In LDG-auto-tuners@yahoogroups.com, <ad7gr@...> wrote :

Rick, Have you been able to determine where the tuner freq memory is
stored? There must be a viable solution and I would have thought that
the folks at LDG would have chimed in on this by now. Doesn't someone
there monitor this group?

73,
Ed - ad7gr
1jn4.8

On 3/25/2016 4:08 AM, rmckee1957@... mailto:rmckee1957@... [LDG-auto-tuners] wrote:
> But I bought this tuner to use at home and in the field where I don't
> always use the same antenna, and once it stores settings for a
> particular antenna and frequency combination it wants to use that
> setting every time no matter what antenna I'm using !

7801. Re: [LDG-auto-tuners] Re: LDG tuners need to have a reset feature

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-03-25 20:00:45 UTC
From: Craig
Topic: 7792 Message: 7801

The tuner memory is stored in the CPU's internal non-volatile memory so there is nothing you can do in hardware to erase previous settings. As others have noted, the tuner will adapt to your changing antennas though automatically. Earlier LDG tuners did provide a method to clear the internal stored settings but that was removed in later models. The reason I heard, was that this feature was causing many service calls and confusion among users so the decision was made to rely on the more than adequate automatic adaptation of saving new settings that overwrite the older ones.

73, Craig

> On Mar 25, 2016, at 3:24 PM, "rmckee1957@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:
>
>
>
> They don't provide a schematic in the manual Ed, and I haven't really tried to mess with the circuitry. Only thing I've done inside was to add a battery holder which amounted to soldering 2 wires. It has what I want to call a plug in eprom and I would figure that's where its all stored.
>
>
>
> kc8aon
>
>
>
> ---In LDG-auto-tuners@yahoogroups.com, <ad7gr@...> wrote :
>
> Rick, Have you been able to determine where the tuner freq memory is
> stored? There must be a viable solution and I would have thought that
> the folks at LDG would have chimed in on this by now. Doesn't someone
> there monitor this group?
>
>
> 73,
> Ed - ad7gr
> 1jn4.8
>
>
> On 3/25/2016 4:08 AM, rmckee1957@... [LDG-auto-tuners] wrote:
> > But I bought this tuner to use at home and in the field where I don't
> > always use the same antenna, and once it stores settings for a
> > particular antenna and frequency combination it wants to use that
> > setting every time no matter what antenna I'm using !
>

>
>

7802. Re: [LDG-auto-tuners] Re: LDG tuners need to have a reset feature

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-03-25 20:09:15 UTC
From: Ed - ad7gr
Topic: 7792 Message: 7802

I wonder if the tuners program is in the same chip? It shouldn't be but bad news if so. Wipe the tuner memories and program at the same time. Perhaps you could reverse engineer the board to get an idea of the circuit but that would take time. Too bad LDG isn't being more helpful in this.

73,
Ed - ad7gr
1jn4.8

On 3/25/2016 12:24 PM, rmckee1957@... [LDG-auto-tuners] wrote:
>
> They don't provide a schematic in the manual Ed, and I haven't really
> tried to mess with the circuitry. Only thing I've done inside was to
> add a battery holder which amounted to soldering 2 wires. It has what
> I want to call a plug in eprom and I would figure that's where its all
> stored.
>
> kc8aon
>

7803. Re: [LDG-auto-tuners] Re: LDG tuners need to have a reset feature

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-03-25 20:24:42 UTC
From: Ed - ad7gr
Topic: 7792 Message: 7803

Now that makes very good sense Craig. With that being the case I
wonder what is going wrong with Rick's tuner.

73,
Ed - ad7gr
1jn4.8

On 3/25/2016 1:00 PM, Craig cpu_nut@... [LDG-auto-tuners] wrote:
> The tuner memory is stored in the CPU's internal non-volatile memory
> so there is nothing you can do in hardware to erase previous settings.
> As others have noted, the tuner will adapt to your changing antennas
> though automatically. Earlier LDG tuners did provide a method to
> clear the internal stored settings but that was removed in later
> models. The reason I heard, was that this feature was causing many
> service calls and confusion among users so the decision was made to
> rely on the more than adequate automatic adaptation of saving new
> settings that overwrite the older ones.
>
> 73, Craig

7804. Re: [LDG-auto-tuners] Re: LDG tuners need to have a reset feature

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-03-25 21:03:27 UTC
From: Craig
Topic: 7792 Message: 7804

Actually LDG is being helpful through me since I wrote the core code that all of the tuners are based on since the AT-100. I have specific permission to help within my availability as a representative of LDG even though I'm not an employee at this time.

In all of the tuners for easily eight or more years, yes the program itself and the tuner memory settings are in the same chip and steps were taken so the program could not be erased accidentally so as to "brick" the tuner while tune settings are stored via locking critical program sectors. The CPU has the "fuse" setting where no one can read it to extract the program or tune settings but yes the chip could be erased and reprogrammed by LDG or maybe LDG could just send out a new chip, hence making the tuner like new, with no memorized settings.

Some of the earlier tuners had a separate serial EEPROM (typically an 8 pin DIP) that held the tuner settings externally but that dates back pretty far.

As I previously noted, the tuner is designed to "learn" continuously as the antenna load changes whether through weather, damage, rotation or even a change to a different antenna. When changing to a completely different antenna I would expect more full tunes (identical behavior to a blank chip) and then when frequencies are revisited the quick memory tune will once again dominate.

Maybe the best takeaway from this is that a new chip with blank tuner settings will always have to full tune as there are no memorized settings, just like if one changed to a new or different antenna. There will be little difference in observed behavior.

I mentioned on a previous thread that a full tune can sometimes happen very quickly even with no or few relay clicks as the tuner algorithm exits once the SWR threshold is met. An example here is if one took a new, no memorized setting, tuner and connected to a good dummy load and tuned on a variety of frequencies from a bypassed condition. The tuner would see 1:1 SWR and not proceed with the full tune. This is a QRM reducer and also provides for a faster tune most of the time.

73, Craig

> On Mar 25, 2016, at 4:09 PM, "Ed - ad7gr ad7gr@... [LDG-auto-tuners]"
<LDG-auto-tuners@yahoogroups.com> wrote:
>
> I wonder if the tuners program is in the same chip? It shouldn't be
> but bad news if so. Wipe the tuner memories and program at the same
> time. Perhaps you could reverse engineer the board to get an idea of
> the circuit but that would take time. Too bad LDG isn't being more
> helpful in this.
>
>
> 73,
> Ed - ad7gr
> 1jn4.8

>
>
>> On 3/25/2016 12:24 PM, rmckee1957@... [LDG-auto-tuners] wrote:
>>
>> They don't provide a schematic in the manual Ed, and I haven't really
>> tried to mess with the circuitry. Only thing I've done inside was to
>> add a battery holder which amounted to soldering 2 wires. It has what
>> I want to call a plug in eprom and I would figure that's where its all
>> stored.
>>
>> kc8aon
>>
>
>
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> ------------------------------------
> Posted by: Ed - ad7gr <ad7gr@...>
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> Yahoo Groups Links
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7805. Re: [LDG-auto-tuners] Re: LDG tuners need to have a reset feature

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-03-25 21:43:48 UTC
From: Ed - ad7gr
Topic: 7792 Message: 7805

Thank you very much for your input. It all helps for better
understanding of the tuners. I know I enjoy using my 600Pro and it's
very fast tuning capability... especially the ability to fine tune it by
manually increasing or decreasing capacitance and inductance to reduce
the SWR to a flat 1:1 if wanted.

73,
Ed - ad7gr
1jn4.8

On 3/25/2016 2:03 PM, Craig cpu_nut@... [LDG-auto-tuners] wrote:
> Actually LDG is being helpful through me since I wrote the core code
> that all of the tuners are based on since the AT-100. I have specific
> permission to help within my availability as a representative of LDG
> even though I'm not an employee at this time.
>
> In all of the tuners for easily eight or more years, yes the program
> itself and the tuner memory settings are in the same chip and steps
> were taken so the program could not be erased accidentally so as to
> "brick" the tuner while tune settings are stored via locking critical
> program sectors. The CPU has the "fuse" setting where no one can read
> it to extract the program or tune settings but yes the chip could be
> erased and reprogrammed by LDG or maybe LDG could just send out a new
> chip, hence making the tuner like new, with no memorized settings.
>
> Some of the earlier tuners had a separate serial EEPROM (typically an
> 8 pin DIP) that held the tuner settings externally but that dates back
> pretty far.
>
> As I previously noted, the tuner is designed to "learn" continuously
> as the antenna load changes whether through weather, damage, rotation
> or even a change to a different antenna. When changing to a completely
> different antenna I would expect more full tunes (identical behavior
> to a blank chip) and then when frequencies are revisited the quick
> memory tune will once again dominate.
>
> Maybe the best takeaway from this is that a new chip with blank tuner
> settings will always have to full tune as there are no memorized
> settings, just like if one changed to a new or different antenna.
> There will be little difference in observed behavior.
>
> I mentioned on a previous thread that a full tune can sometimes happen
> very quickly even with no or few relay clicks as the tuner algorithm
> exits once the SWR threshold is met. An example here is if one took a
> new, no memorized setting, tuner and connected to a good dummy load

> and tuned on a variety of frequencies from a bypassed condition. The
> tuner would see 1:1 SWR and not proceed with the full tune. This is a
> QRM reducer and also provides for a faster tune most of the time.
>
> 73, Craig

7806. Re: [LDG-auto-tuners] Re: LDG tuners need to have a reset feature

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-03-25 21:54:09 UTC
From: Craig
Topic: 7792 Message: 7806

Went back and read the whole thread. I was focused on the "why didn't LDG add a memory reset".

Try this....

Even if auto mode is turned off, try lowering the auto tune SWR threshold level to the lowest level. Page 18 of the user manual. See if this helps and report back.

I'm also curious what the old memory tune on the new antenna final SWR settles at. Is this value within the Spec of the tuner?

http://www.ldgelectronics.com/assets/manuals/Z-11ProIIManual.pdf

73, Craig

> On Mar 25, 2016, at 4:24 PM, "Ed - ad7gr ad7gr@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:
>
> Now that makes very good sense Craig. With that being the case I
> wonder what is going wrong with Rick's tuner.
>
>
> 73,
> Ed - ad7gr
> 1jn4.8
>
>
>> On 3/25/2016 1:00 PM, Craig cpu_nut@... [LDG-auto-tuners] wrote:
>> The tuner memory is stored in the CPU's internal non-volatile memory
>> so there is nothing you can do in hardware to erase previous settings.
>> As others have noted, the tuner will adapt to your changing antennas
>> though automatically. Earlier LDG tuners did provide a method to
>> clear the internal stored settings but that was removed in later
>> models. The reason I heard, was that this feature was causing many
>> service calls and confusion among users so the decision was made to
>> rely on the more than adequate automatic adaptation of saving new
>> settings that overwrite the older ones.
>>
>> 73, Craig
>
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> ------------------------------------
> Posted by: Ed - ad7gr <ad7gr@...>
> ------------------------------------

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> Yahoo Groups Links
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7807. Re: LDG tuners need to have a reset feature

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-03-25 21:05:48 UTC
From: rmckee1957@...
Topic: 7792 Message: 7807

You know, come to think of it, I don't think the semi-auto mode is not working right. I have it set to semi-auto so it won't retune unless I tell it to. But, after making it tune, it still retunes to the memory settings on the second transmission - something isn't working quite right !

kc8aon

---In LDG-auto-tuners@yahoogroups.com, <ad7gr@...> wrote :

I wonder if the tuners program is in the same chip? It shouldn't be
but bad news if so. Wipe the tuner memories and program at the same
time. Perhaps you could reverse engineer the board to get an idea of
the circuit but that would take time. Too bad LDG isn't being more
helpful in this.

73,
Ed - ad7gr
1jn4.8

On 3/25/2016 12:24 PM, rmckee1957@... mailto:rmckee1957@... [LDG-auto-tuners] wrote:
>
> They don't provide a schematic in the manual Ed, and I haven't really
> tried to mess with the circuitry. Only thing I've done inside was to
> add a battery holder which amounted to soldering 2 wires. It has what
> I want to call a plug in eprom and I would figure that's where its all
> stored.
>
> kc8aon
>

7808. Scanning

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-03-30 05:51:17 UTC
From: tittiger@...
Topic: 7808 Message: 7808

I have an obvious question, but the answer to the question is not obvious to me.

If I scan through say 3 frequencies i.e. 20, 30, and 40 meters, will the auto tuner tune as it scans through them?

If not, then how do you handle scanning when your antenna is not resonant through the scanned frequencies?

Thanks in advance.

7809. RE: [LDG-auto-tuners] Scanning

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-03-30 12:05:54 UTC
From: Bill Husted
Topic: 7808 Message: 7809

The tuner needs RF to tune. So it will not tune as you listen to the various frequencies. The lack of tuning is no problem while receiving. So when you do transmit it will tune. That means everything should work just fine.

Bill KQ4YA

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com]
Sent: Wednesday, March 30, 2016 1:51 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Scanning

I have an obvious question, but the answer to the question is not obvious to me.

If I scan through say 3 frequencies i.e. 20, 30, and 40 meters, will the auto tuner tune as it scans through them?

If not, then how do you handle scanning when your antenna is not resonant through the scanned frequencies?

Thanks in advance.

7810. RE: [LDG-auto-tuners] Scanning

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-03-30 15:05:11 UTC
From: bwhitej
Topic: 7808 Message: 7810

This will surely start a fight but I have no intentions of doing that on purpose. Not tuning WILL affect the quality of the received signal. Many people don't think so and will argue the point. I run a Yaesu 897 mobile with a 20 meter ham stick. When I change bands or frequency greatly I must re-tune.Brianke5-irc

Sent from my Sprint Samsung Galaxy S® 6.
-------- Original message --------From: "'Bill Husted' bhusted@bellsouth.net [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> Date: 3/30/16 7:05 AM (GMT-06:00) To: LDG-auto-tuners@yahoogroups.com Subject: RE: [LDG-auto-tuners] Scanning

The tuner needs RF to tune. So it will not tune as you listen to the various frequencies. The lack of tuning is no problem while receiving. So when you do transmit it will tune. That means everything should work just fine. Bill KQ4YA From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com]
Sent: Wednesday, March 30, 2016 1:51 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Scanning

I have an obvious question, but the answer to the question is not obvious to me.

If I scan through say 3 frequencies i.e. 20, 30, and 40 meters, will the auto tuner tune as it scans through them?

If not, then how do you handle scanning when your antenna is not resonant through the scanned frequencies?

Thanks in advance.

7811. Re: [LDG-auto-tuners] Scanning

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-03-30 16:28:50 UTC
From: Craig
Topic: 7808 Message: 7811

You are absolutely correct, the tuner equally affects transmit and receive. Going to bypass is the proper compromise, especially when changing bands.

73, Craig

> On Mar 30, 2016, at 11:05 AM, "bwhitej bwhitej@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:
>
>
>
> This will surely start a fight but I have no intentions of doing that on purpose. Not tuning WILL affect the quality of the received signal. Many people don't think so and will argue the point. I run a Yaesu 897 mobile with a 20 meter ham stick. When I change bands or frequency greatly I must re-tune.
> Brian
> ke5-irc
>
>
>
> Sent from my Sprint Samsung Galaxy S® 6.
>
> -------- Original message --------
> From: "'Bill Husted' bhusted@bellsouth.net [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com>
> Date: 3/30/16 7:05 AM (GMT-06:00)
> To: LDG-auto-tuners@yahoogroups.com
> Subject: RE: [LDG-auto-tuners] Scanning
>
> The tuner needs RF to tune. So it will not tune as you listen to the various frequencies. The lack of tuning is no problem while receiving. So when you do transmit it will tune. That means everything should work just fine.
>
>
>
> Bill KQ4YA
>
>
>
> From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com]
> Sent: Wednesday, March 30, 2016 1:51 AM
> To: LDG-auto-tuners@...m
> Subject: [LDG-auto-tuners] Scanning
>
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>

>
>
> I have an obvious question, but the answer to the question is not obvious to me.
>
> If I scan through say 3 frequencies i.e. 20, 30, and 40 meters, will the auto tuner tune as it scans through them?
>
> If not, then how do you handle scanning when your antenna is not resonant through the scanned frequencies?
>
> Thanks in advance.
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7812. RE: [LDG-auto-tuners] Scanning

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-03-30 16:33:40 UTC
From: Thomas Chesek
Topic: 7808 Message: 7812

That is certainly true. A non-resonant antenna makes for quiet listening. :)

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com]
Sent: Wednesday, March 30, 2016 11:05
To: LDG-auto-tuners@yahoogroups.com
Subject: RE: [LDG-auto-tuners] Scanning

This will surely start a fight but I have no intentions of doing that on purpose. Not tuning WILL affect the quality of the received signal. Many people don't think so and will argue the point. I run a Yaesu 897 mobile with a 20 meter ham stick. When I change bands or frequency greatly I must re-tune.

Brian

ke5-irc

Sent from my Sprint Samsung Galaxy S® 6.

-------- Original message --------

From: "'Bill Husted' bhusted@bellsouth.net <mailto:bhusted@...> [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com <mailto:LDG-auto-tuners@yahoogroups.com> >

Date: 3/30/16 7:05 AM (GMT-06:00)

To: LDG-auto-tuners@yahoogroups.com <mailto:LDG-auto-tuners@yahoogroups.com>

Subject: RE: [LDG-auto-tuners] Scanning

The tuner needs RF to tune. So it will not tune as you listen to the various frequencies. The lack of tuning is no problem while receiving. So when you do transmit it will tune. That means everything should work just fine.

Bill KQ4YA

From: LDG-auto-tuners@yahoogroups.com <mailto:LDG-auto-tuners@yahoogroups.com> [mailto:LDG-auto-tuners@yahoogroups.com]
Sent: Wednesday, March 30, 2016 1:51 AM
To: LDG-auto-tuners@yahoogroups.com <mailto:LDG-auto-tuners@yahoogroups.com>
Subject: [LDG-auto-tuners] Scanning

I have an obvious question, but the answer to the question is not obvious to me.

If I scan through say 3 frequencies i.e. 20, 30, and 40 meters, will the auto tuner tune as it scans through them?

If not, then how do you handle scanning when your antenna is not resonant through the scanned frequencies?

Thanks in advance.

7813. Re: [LDG-auto-tuners] Scanning

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-03-30 12:15:22 UTC
From: Craig
Topic: 7808 Message: 7813

If you are scanning in receive mode only, it would be best to just put the tuner in bypass. You are correct that it, like almost all external tuners, requires transmitting to tune or recall a previous memorized tune setting.

Craig

> On Mar 30, 2016, at 8:05 AM, "'Bill Husted' bhusted@...t [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:
>
>
>
> The tuner needs RF to tune. So it will not tune as you listen to the various frequencies. The lack of tuning is no problem while receiving. So when you do transmit it will tune. That means everything should work just fine.
>
> Bill KQ4YA
>
> From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com]
> Sent: Wednesday, March 30, 2016 1:51 AM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: [LDG-auto-tuners] Scanning
>
>
>
> I have an obvious question, but the answer to the question is not obvious to me.
>
> If I scan through say 3 frequencies i.e. 20, 30, and 40 meters, will the auto tuner tune as it scans through them?
>
> If not, then how do you handle scanning when your antenna is not resonant through the scanned frequencies?
>
> Thanks in advance.
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7814. Re: [LDG-auto-tuners] Scanning

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-03-30 15:06:23 UTC
From: Leonard K. Pennock (AD7AS)
Topic: 7808 Message: 7814

Put tuner in bypass while scanning so you don't get the preseclector effect from the tuner. When you transmit the tuner will do its thing and tune up.
--
Leonard K. Pennock (AD7AS)

On March 29, 2016 10:51:17 PM MST, "tittiger@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:
>I have an obvious question, but the answer to the question is not
>obvious to me.
>
>If I scan through say 3 frequencies i.e. 20, 30, and 40 meters, will
>the auto tuner tune as it scans through them?
>
>If not, then how do you handle scanning when your antenna is not
>resonant through the scanned frequencies?
>
>Thanks in advance.
>

7815. Re: [LDG-auto-tuners] Scanning

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-03-30 18:39:31 UTC
From: rmckee1957@...
Topic: 7808 Message: 7815

The lack of tuning is no problem while receiving. <snip>

Unless the signal you want to hear is so weak it gets lost in the noise - an unturned antenna will not receive at maximum efficiency !

kc8aon

7816. Re: [LDG-auto-tuners] Scanning

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-03-30 17:25:23 UTC
From: Jim Allen
Topic: 7808 Message: 7816

There should be no need for a fight.

Turn your receiver to a different band, do your auto tune, and notice that when you return to receive, the noise level and any signals are higher. If the match on the new band was pretty close with what you started with it might not be dramatic, but it will be noticeable.

Many antenna tuner manuals suggest starting by switching or turning your inductor for highest noise level then adjusting the capacitors to minimum SWR, until you arrive at an acceptable tune.

I see this with the RT-100, an AH-4 and the KAT100 autotuners, and the manual ones as well.

73 de W6OGC Jim Allen

Sent from my iPad

> On Mar 30, 2016, at 10:05, bwhitej bwhitej@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:
>
> This will surely start a fight but I have no intentions of doing that on purpose. Not tuning WILL affect the quality of the received signal. Many people don't think so and will argue the point. I run a Yaesu 897 mobile with a 20 meter ham stick. When I change bands or frequency greatly I must re-tune.
> Brian
> ke5-irc
>
>
>
> Sent from my Sprint Samsung Galaxy S® 6.
>
> -------- Original message --------
> From: "'Bill Husted' bhusted@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com>
> Date: 3/30/16 7:05 AM (GMT-06:00)
> To: LDG-auto-tuners@yahoogroups.com
> Subject: RE: [LDG-auto-tuners] Scanning
>
>
> The tuner needs RF to tune. So it will not tune as you listen to the various frequencies. The lack of tuning is no problem while receiving. So when you do transmit it will tune. That means everything should work just fine.
>
>
>
> Bill KQ4YA
>

>
>
> From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com]
> Sent: Wednesday, March 30, 2016 1:51 AM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: [LDG-auto-tuners] Scanning
>
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>
> I have an obvious question, but the answer to the question is not obvious to me.
>
> If I scan through say 3 frequencies i.e. 20, 30, and 40 meters, will the auto tuner tune as it scans through them?
>
> If not, then how do you handle scanning when your antenna is not resonant through the scanned frequencies?
>
> Thanks in advance.
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7817. Re: Scanning

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-03-31 02:29:45 UTC
From: jwalden@...
Topic: 7808 Message: 7817

In summary, the auto tuner is working as designed. It only auto tunes with a transmitted signal of sufficient strength. There is no information from the rx as to what frequency is being tuned to. When the rx is near the tx freq, the auto tuner as a filter provides a better match to the antenna and improves the signal to noise ... the desired received signal has a greater margin above the noise floor.

If your antenna(s) are well matched to the ham bands, there will be no such improvement. And, the expense of an autotuner was a waste. If your antenna (as mine) is put up in limited space and only sometimes is a good match at the operating freq, then an autotuner buys a lot more useable bandwidth. It is a necessity.

I don't yet have a reason to scan frequencies in a band much less across bands, but expect that I will soon enough. This discussion has given me thought that the band with the worse VSWR and/or with worse propagation conditions might be the one to have the favored preselection, pre-tuned to that band in other words with a blip from the tx. Controlling that auto-magically would be a trick ... perhaps a scrip in HRD?

In other words, the auto tuner does reduce the signal to noise (the noise floor seems higher) when not near the tuned frequency with a similar VSWR. By how much completely depends on your antenna VSWR.

I am not well versed on what different transceivers can provide, but it looks like there is room in the market place where the transceiver has the frequency memory for external auto tuners or some means that the rcvr tells the autotuner what (previously saved) frequency is to be tuned. Otherwise, as AD7AS said, put it into bypass and take what you can get.

-Jeff W9NIZ

7818. Re: [LDG-auto-tuners] Scanning

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-03-31 11:23:32 UTC
From: rmckee1957@...
Topic: 7808 Message: 7818

Many antenna tuner manuals suggest starting by switching or turning your inductor for highest noise level then adjusting the capacitors to minimum SWR, until you arrive at an acceptable tune.<snip>

The difference is real easy to see with a manual tuner. Tune up on another band to assure its not tuned where you want to listen, then change to the frequency you do want to listen on and start changing the inductance and you will hear the signal levels change with it. Moving farter away from resonance the signals will drop, but as you get closer the signals will increase. I was a shortwave listener long before I got a ham license and built a few simple L match tuners to use with my wire antennas. Being receive only, all I could do was listen for a signal increase and tune for that. Now, many years later as a ham, I still tune that way first with a manual tuner, and then just touch it up with a short transmission to get spot on.

kc8aon

7819. Re: [LDG-auto-tuners] Scanning

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-03-31 12:59:44 UTC
From: w_r_adams1@...
Topic: 7808 Message: 7819

My old AT-100 can be used in manual mode to perform SWL duty as described out of the ham bands. It is located conveniently close to the receiver and easily within reach and the speaker is nearby. More of a problem is the remotely installed RT-100 with no manual mode available nor an easy bypass. I suppose something like a pair of old Dow coaxial relays could be wired into the system to bypass or connect the remote tuner and provide a similar function in the station for a tuner located there.

For clarification, I do not use the AT-100 ad RT-100 in the same feed simultaneously. Also manually tuning the AT-100 is very seldom done, for manual I use an even older Dentron! Someday I really have to thin the collection of devices.

73
Bill AF4B

7820. Re: [LDG-auto-tuners] Scanning

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-03-31 17:22:41 UTC
From: rmckee1957@...
Topic: 7808 Message: 7820

Someday I really have to thin the collection of devices. <snip>

I only have 11 tuners, 3 auto, 8 manual 3 of which are homebrew QRP tuners. Oh yeah, I forgot the 2 loop tuners I built and the little end fed half wave QRP tuner I built. Think I've got enough ?

kc8aon

7821. RE: [LDG-auto-tuners] Scanning

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-03-31 22:34:37 UTC
From: Tony Brignole
Topic: 7808 Message: 7821

Common ham problem; same type issue here. Wife asked what I needed 2 HF rigs for. I told her stereo!!!

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com]
Sent: Thursday, March 31, 2016 12:23 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] Scanning

Someday I really have to thin the collection of devices. <snip>

I only have 11 tuners, 3 auto, 8 manual 3 of which are homebrew QRP tuners. Oh yeah, I forgot the 2 loop tuners I built and the little end fed half wave QRP tuner I built. Think I've got enough ? <https://s.yimg.com/ok/u/assets/img/emoticons/emo1.gif>

kc8aon

7822. Re: Scanning

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-04-01 00:17:15 UTC
From: tittiger@...
Topic: 7808 Message: 7822

Thanks for all of the food for thought.

I like the idea of taking the tuner out while scanning.

There were some other interesting suggestions such as tuning in the frequency where your antenna was the least resonant. I will have to play around some day, and see what I come up with that idea.

It helps to know for sure that the tuner is set to the the last tune that I set it to when scanning or I can put it in bypass.

One thing did confuse me. (I have a YT-100) ----- Several people seemed to say that I only needed to
transmit to get it to tune again. I certainly did not get that out of the manual. I thought that on the YT-100
I had to hold down the button until the red light came on and then release it, in order for the tuner to find a close memory tune. If I am wrong I am going to have to look at that manual again. It doesn't seem to be clear on that point.

Joe

7823. Re: F/S RT100/RC100

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-04-01 01:43:51 UTC
From: Jim.Allen@...
Topic: 7791 Message: 7823

Any interest in this tuner combo?

73 de W6OGC Jim Allen

7824. RE: [LDG-auto-tuners] Scanning

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-04-01 11:20:45 UTC
From: rmckee1957@...
Topic: 7808 Message: 7824

Common ham problem; same type issue here. Wife asked what I needed 2 HF rigs for. I told her stereo!!! <snip>

When my wife asks those type questions, I just tell her its the same reason she needs 15 purses, and 50 pairs of shoes !

kc8aon

7825. Re: [LDG-auto-tuners] Scanning

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-04-01 11:53:40 UTC
From: Craig
Topic: 7808 Message: 7825
Attachments: 1 described; binary payloads are missing from this source WARC

Not sure if this pasted photo will come through but thought it would apply to the thread....

> On Apr 1, 2016, at 7:20 AM, "rmckee1957@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:
>
>
>
> Common ham problem; same type issue here. Wife asked what I needed 2 HF rigs for. I told her stereo!!! <snip>
>
>
>
> When my wife asks those type questions, I just tell her its the same reason she needs 15 purses, and 50 pairs of shoes !
>
>
>
> kc8aon
>
>
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>

7826. RE: [LDG-auto-tuners] Scanning

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-04-01 12:45:11 UTC
From: Tony Brignole
Topic: 7808 Message: 7826

Photo came through fine.

Seriously there is a practical value.

Pest control company reduced cost of my annual treatment contract. Said, because of all the electronic stuff, there wasn’t enough room in my garage for pests to get in there.

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com]
Sent: Friday, April 01, 2016 6:54 AM
To: rmckee1957@... [LDG-auto-tuners]
Subject: Re: [LDG-auto-tuners] Scanning

Not sure if this pasted photo will come through but thought it would apply to the thread....

image.jpeg

On Apr 1, 2016, at 7:20 AM, "rmckee1957@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:

Common ham problem; same type issue here. Wife asked what I needed 2 HF rigs for. I told her stereo!!! <snip>

When my wife asks those type questions, I just tell her its the same reason she needs 15 purses, and 50 pairs of shoes ! <https://s.yimg.com/ok/u/assets/img/emoticons/emo1.gif>

kc8aon

[Non-text portions of this message have been removed]

7827. AT-600Pro or AT-1000Pro & TS-590S

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-04-08 21:48:20 UTC
From: ad7gr@...
Topic: 7827 Message: 7827

Has anyone tried to interconnect an AT-600Pro or AT-1000Pro autotuner to a TS-590 via the tuner's "Radio" jack?

73,
Ed - ad7gr

7828. Re: AT-600Pro or AT-1000Pro & TS-590S

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-04-08 22:46:21 UTC
From: david.browne7@...
Topic: 7827 Message: 7828

Hi I have a interface from AF6SA KTI-LR For my TS-2000 and it works very well
It plugs in to were the external meter plugs in to
So you can not use the external meter
Dave 2E0DMB

7829. Re: [LDG-auto-tuners] Re: AT-600Pro or AT-1000Pro & TS-590S

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-04-08 23:10:08 UTC
From: Ed - ad7gr
Topic: 7827 Message: 7829

Thanks Dave but think I'm out of luck there... I don't have a jack for
an external meter.

73,
Ed - ad7gr
1jn4.8

On 4/8/2016 3:46 PM, david.browne7@... [LDG-auto-tuners] wrote:
> Hi I have a interface from AF6SA KTI-LR For my TS-2000 and it works
> very well
> It plugs in to were the external meter plugs in to
> So you can not use the external meter
> Dave 2E0DMB

7830. Re: [LDG-auto-tuners] Re: AT-600Pro or AT-1000Pro & TS-590S

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-04-08 23:26:37 UTC
From: David Browne
Topic: 7827 Message: 7830

Oh ok yes I think it is only for the proll tuners
Send him a email see if he can do another interface
Is there any info on ldg website?
Dave 2E0DMB

Sent from: Lenovo S856

On 9 Apr 2016 00:10, "Ed - ad7gr ad7gr@live.com [LDG-auto-tuners]"
<LDG-auto-tuners@yahoogroups.com> wrote:
>
>
>
> Thanks Dave but think I'm out of luck there... I don't have a jack for
> an external meter.
>
> 73,
> Ed - ad7gr
> 1jn4.8
>
> On 4/8/2016 3:46 PM, david.browne7@ntlworld.com [LDG-auto-tuners] wrote:
> > Hi I have a interface from AF6SA KTI-LR For my TS-2000 and it works
> > very well
> > It plugs in to were the external meter plugs in to
> > So you can not use the external meter
> > Dave 2E0DMB
>
>

7831. Re: [LDG-auto-tuners] Re: AT-600Pro or AT-1000Pro & TS-590S

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-04-08 23:47:51 UTC
From: Ed - ad7gr
Topic: 7827 Message: 7831

No info at LDG for interface cables for any Kenwood transceivers.

73,
Ed - ad7gr
1jn4.8

On 4/8/2016 4:26 PM, David Browne david.browne7@...
[LDG-auto-tuners] wrote:
> Oh ok yes I think it is only for the proll tuners
> Send him a email see if he can do another interface
> Is there any info on ldg website?
> Dave 2E0DMB

7832. Tuners old vs new

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-04-13 01:23:23 UTC
From: larrylb@...
Topic: 7832 Message: 7832

Over the years I have acquired a couple of tuners, one a small Kenwood I used for mobile another 1500 watt roller inductor big old space hog.
talking to some new hams they said they were told about LDG tuners which I"d not heard of but they like their's after reading about them I decided to purchase one R&L had an AT-200 pro II on sale for the price of a AT-100. I then bought a Z-100 to use portable. Just where is this heading, I just wanted to thank LDG for making such a great product.

Larry KB8EMD

7833. Re: [LDG-auto-tuners] Tuners old vs new

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-04-13 12:48:42 UTC
From: Jim Tylee
Topic: 7832 Message: 7833

Yes i have 3 of these all excellent
jim g4rek

On Wed, Apr 13, 2016 at 2:23 AM, larrylb@... [LDG-auto-tuners] <
LDG-auto-tuners@yahoogroups.com> wrote:

>
>
> Over the years I have acquired a couple of tuners, one a small Kenwood I
> used for mobile
>
> another 1500 watt roller inductor big old space hog.
>
> talking to some new hams they said they were told about LDG tuners which
> I"d not heard
>
> of but they like their's after reading about them I decided to purchase
> one R&L had an
>
> AT-200 pro II on sale for the price of a AT-100. I then bought a Z-100 to
> use portable.
>
> Just where is this heading, I just wanted to thank LDG for making such a
> great product.
>
>
> Larry KB8EMD
>
>
>

7834. AT-1000ProII SWR Discrepancy???

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-04-30 14:43:24 UTC
From: RSLAUFER@...
Topic: 7834 Message: 7834

Riddle me this...

While on 10 meters, my AT-1000ProII appears to have auto-tuned tuning to a SWR of 1.1. Unfortunately, my radio (a Flex 6700) reports a SWR of 1.7, as does my SPE 1.3K-FA. My SPE 1.3K-FA repeatedly is warning me that my SWR is a bit too high.

By tapping on the manual controls I can bring down the SWR to 1.3 as reported on all devices (including the AT-1000ProII).

I have only noticed this odd behavior on 10 Meters.

I have the AT-1000ProII set to auto-tune at its lowest trigger SWR of 1.7.

Other than send it back to the factory, any ideas? Thoughts? Suggestions?

If it could do a "hard reset" I would try it, but it is my understanding that it can't do this.

Thanks!

73,
Roy AC2GS

7835. Z817 operation

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-04-30 20:00:51 UTC
From: bb1300@...
Topic: 7835 Message: 7835

Using a Z817 and its associated interface cable with an FT817ND, and the tuner doesn't follow the band settings. I can do a full tune on 80-10 with good results. I have to initiate a full tune tune when ever I change bands. Is this the way the z817 operates, or am I missing something? I thought the tuner remembered the settings for each band. Any info would be appreciated.
Mike N3PM

7836. Re: [LDG-auto-tuners] Z817 operation

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-04-30 22:01:50 UTC
From: Craig
Topic: 7835 Message: 7836

The tuner remembers settings for multiple places in each band. If I remember correctly, you have to transmit a carrier for a moment after you change bands. If that Freq +/- some kHz was used before, the tuner will recall the previous setting.

Since this can be a battery powered tuner, it does not keep in constant communication with the radio or the batteries would not last. The tuner detects a transmit, measures the frequency, and then will recall a previous match, if one was saved within a reasonable close proximity to the detected Freq. It even stores more than one last known good setting per Freq slot and will try all. If none of those result in an acceptable SWR, a full tune is started.

I hope the above helps.

Craig

> On Apr 30, 2016, at 4:00 PM, "bb1300@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:
>
>
>
> Using a Z817 and its associated interface cable with an FT817ND, and the tuner doesn't follow the band settings. I can do a full tune on 80-10 with good results. I have to initiate a full tune tune when ever I change bands. Is this the way the z817 operates, or am I missing something? I thought the tuner remembered the settings for each band. Any info would be appreciated.
>
> Mike N3PM
>
>
>
>

7837. Re: [LDG-auto-tuners] Z817 operation

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-05-01 00:50:08 UTC
From: bb1300@...
Topic: 7835 Message: 7837

Thanks Craig. I tried it that way, doing the full tune from 80 to 10, then dropped band by band, same freq as tuned on the way up, steady cxr for 5 seconds or so, and it still required a manual initiation on each band. Hmm. Have to try the tuner on another FT 817.
Mike N3PM

7838. Re: [LDG-auto-tuners] Z817 operation

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-05-01 03:13:32 UTC
From: Hank Greeb
Topic: 7835 Message: 7838

Can you connect the 817 to a computer and have it read out the frequency
and mode (like N1MM, or N3FJP logging programs?)

That would verify that the 817 is sending freq sigs to the tuner with
the same type cable. IF not it could be the cable or something set in
the 817 (or a defect in the firmware for the 817)>

72/73 de n8xx Hg
QRP >99.44% of the time

On 4/30/2016 8:50 PM, bb1300@... [LDG-auto-tuners] wrote:

>
>
> Thanks Craig. I tried it that way, doing the full tune from 80 to 10,
> then dropped band by band, same freq as tuned on the way up, steady
> cxr for 5 seconds or so, and it still required a manual initiation on
> each band. Hmm. Have to try the tuner on another FT 817.
>
> Mike N3PM
>
>
>
>

7839. Re: [LDG-auto-tuners] Z817 operation

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-05-01 11:48:39 UTC
From: bb1300@...
Topic: 7835 Message: 7839

Thank you Hank. No, can't connect to a comp. I'm going to try another FT817 later. If it acts the same way, may be a bad cable. When I find a schematic, I'll try checking it pin-to-pin.
73 Mike N3PM

7840. Re: [LDG-auto-tuners] Z817 operation

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-05-01 12:01:16 UTC
From: Craig
Topic: 7835 Message: 7840

The other thing to check is that you changed the FT817 settings menu per the LDG user manual.

Craig

> On May 1, 2016, at 7:48 AM, "bb1300@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:
>
>
>
> Thank you Hank. No, can't connect to a comp. I'm going to try another FT817 later. If it acts the same way, may be a bad cable. When I find a schematic, I'll try checking it pin-to-pin.
>
> 73 Mike N3PM
>
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>
>

7841. Re: LDG tuners need to have a reset feature

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-05-01 12:12:39 UTC
From: cbjesseeNH@...
Topic: 7792 Message: 7841

I can initiate a full re-tune on a frequency by holding tune until the outer LEDs blink, then the inner LEDs bling, then letting up on the tune button. Often, it will work only on the 2nd try, perhaps due to timing of button release.

7842. Re: [LDG-auto-tuners] Z817 operation

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-05-03 21:59:58 UTC
From: bb1300@...
Topic: 7835 Message: 7842

I double checked the set-up, and both radios were done according to the LDG manual.
I tried it on another FT817, same results. When I use an Elecraft T-1, I hear relays buzz in the tuner when I change bands, but not with a z817. Don't know if that's a concern. To rule out a jack problem, can the interface cable be plugged into the "computer" port? I also see that the pads for both jacks have been resoldered and not cleaned up. Also found 3 other pads that were reworked. This z817 was purchased new.
Mike N3PM

7843. Re: [LDG-auto-tuners] Z817 operation

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-05-04 02:47:06 UTC
From: Craig
Topic: 7835 Message: 7843

The Elecraft requires an additional accessory to do a recall tune as you describe and the accessory requires a "Y cable" for CAT passthrough which the LDG does without any accessories.

I don't think you need to try the "computer port" on the LDG.

Pressing the Z817 tune button for a second on band changes is all that is required. If you just want to do SWL listening, put the Z817 in bypass prior and change bands all you want.

Craig

> On May 3, 2016, at 5:59 PM, "bb1300@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:
>
>
>
> I double checked the set-up, and both radios were done according to the LDG manual.
>
> I tried it on another FT817, same results. When I use an Elecraft T-1, I hear relays buzz in the tuner when I change bands, but not with a z817. Don't know if that's a concern. To rule out a jack problem, can the interface cable be plugged into the "computer" port? I also see that the pads for both jacks have been resoldered and not cleaned up. Also found 3 other pads that were reworked. This z817 was purchased new.
>
> Mike N3PM
>
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7844. Re: [LDG-auto-tuners] Z817 operation

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-05-04 13:53:58 UTC
From: bb1300@...
Topic: 7835 Message: 7844

GM Craig. I do use the Elecraft cable. I was probably mistaken in how the z817 operated. I thought it remembered some parameters that would cause it to tune with a just a cxr, and not a cxr and pushing the tune button. The only advantage I see with the ldg cabling is that you press the "tune" button instead of keying and then "tune".
My other LDGs go into "auto tune" at the tap of the key, and don't require a full tune sequence.
Thank you all for the help.
Mike N3PM

7845. Yaesu-3000/LDG-1000/AMP Tune Sequence/Cable?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-05-05 20:47:04 UTC
From: nealix@...
Topic: 7845 Message: 7845

Hi:

I have been using an LDG-1000 Pro II tuner with my Yaesu FT-DX3000 transceiver.
Works great, very happy.
I just bought an automatic Elecraft KPA-500 Amplifier. I want to understand tuning
the LDG now that an AMP will be in the mix.

I had previously wired up a tune cable (Before buying the AMP) so that when I push TUNE on the LDG tuner,
it sends a low signal to the AUX connector on my Yaesu transceiver, which then puts out a 10 watt carrier
for tuning the LDG.

Now, adding an amplifier to the mix, I have two questions;

A. I assume I need to also wire a low signal from the LDG tune button and send that to the amplifier INHIBIT aux pin (Pin 11 on the Elecraft KPA-500 amp AUX connector
is INHIBIT low), so that the amp does NOT send power into the tuner during a
TUNE cycle. Right? (I don't desire to ignite the expensive tuner :-))

B. What about sequencing and timing? If I have the same wire from the LDG TUNE output going into both the Yaesu 3000 (to request a 10 watt carrier for tuning), and also into the AMP
to inhibit TX, do I need a timing delay relay? Is there a huge risk that the Yaesu will send
out the 10 watt carrier faster than the AMP will go into INHIBIT mode, and thereby send too much power into the LDG tuner? Or will this all happen fast enough so as not to matter?

Thanks so much for helping me get it right the first time.

Neal
N6YFM

7846. RE: [LDG-auto-tuners] Yaesu-3000/LDG-1000/AMP Tune Sequence/Cable?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-05-05 23:02:10 UTC
From: Udo Visintini
Topic: 7845 Message: 7846

Hi, I have almost the same setup, just my auto tuner is a MFJ (1, 500 watt).
Well, you have to move the DJ-injection past the output of the amplifier (again I use the MFJ DC-injector, able of handling 1,000 Watt).
This is what I do, amplifier on STANDBY, press my home made tuning TUNE- button and the remote auto tuner will tune, after the antenna tuning, I put the amplifier on and again press the TUNR button to fine tune my amplifier, the antenna is already tuned.

73 de KF4KUL (Udo)

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From: nealix@...m [LDG-auto-tuners]
Sent: Thursday, May 5, 2016 17:23
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Yaesu-3000/LDG-1000/AMP Tune Sequence/Cable?

Hi:

I have been using an LDG-1000 Pro II tuner with my Yaesu FT-DX3000 transceiver.
Works great, very happy.
I just bought an automatic Elecraft KPA-500 Amplifier. I want to understand tuning the LDG now that an AMP will be in the mix.

I had previously wired up a tune cable (Before buying the AMP) so that when I push TUNE on the LDG tuner,
it sends a low signal to the AUX connector on my Yaesu transceiver, which then puts out a 10 watt carrier
for tuning the LDG.

Now, adding an amplifier to the mix, I have two questions;

A. I assume I need to also wire a low signal from the LDG tune button and send that to the
amplifier INHIBIT aux pin (Pin 11 on the Elecraft KPA-500 amp AUX connector is INHIBIT low), so that the amp does NOT send power into the tuner during a TUNE cycle. Right? (I don't desire to ignite the expensive tuner :-))

B. What about sequencing and timing? If I have the same wire from the LDG TUNE output going into both the Yaesu 3000 (to request a 10 watt carrier for tuning), and also into the AMP to inhibit TX, do I need a timing delay relay? Is there a huge risk that the Yaesu will send out the 10 watt carrier faster than the AMP will go into INHIBIT mode, and thereby send too much power into the LDG tuner? Or will this all happen fast enough so as not to matter?

Thanks so much for helping me get it right the first time.

Neal
N6YFM

[Non-text portions of this message have been removed]

7847. Re: interface cable for the Yaesu FT817ND to the LDG Z100+

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-05-07 09:11:38 UTC
From: axxaa_1@...
Topic: 7505 Message: 7847

David Send me a pm with your email address mate. I'd like to get in touch
Simon
ZL2BRG.G4GVQ

7848. Z-11 Pro II Memory Forgets?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-05-08 15:34:59 UTC
From: cbjesseeNH@...
Topic: 7848 Message: 7848

I'm using WSPR, which hops from band-to-band Tx/Rx encoded weak signals for propagation testing WSJT Home Page http://physics.princeton.edu/pulsar/K1JT/wspr.html

The rig in question is a Yaesu FT-817ND, SignaLink USB and LDG Z-11 Pro II tuner. I have manually tuned at each frequency on each band to store the tune settings. As WSPR hops band-to-band, it does a quick 2 second tune-up at the frequency, but the LDG doesn't jump to the stored settings and often give high SWR values. There is probably some drift as the FT-817ND heats/cools. Just how close to the memory frequency does the frequency chosen have to be to recall the stored settings?

WSJT Home Page http://physics.princeton.edu/pulsar/K1JT/wspr.html Software for Amateur Radio Weak-Signal Communication

View on physics.princeton.edu http://physics.princeton.edu/pulsar/K1JT/wspr.html
Preview by Yahoo

7849. Re: LDG tuners need to have a reset feature

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-05-09 19:55:47 UTC
From: rmckee1957@...
Topic: 7792 Message: 7849

UPDATE !

While on vacation a couple of weeks back I had a little time to play with the tuner some. What I found that was after doing a tune from memory which I have never got a super good match - around 1.7:1 at best and then sometimes it would retune on a second transmission to a higher level. Then sometimes had to go through a memory tune 2 or 3 times to get it to settle into a good match for the antenna being used at the time, indicated by the green LED alone. With a meter inline with the green LED on, it would sometimes show near a 2:1 on the meter and the other LED's would flash when transmitting but the meter stayed on whatever the initial setting was. But when the other LED's were flashing is when it was most likely to try to retune. So I found out that after it stopped tuning, it would stay set only after I did a manual tune to get the tuner to where it had a near perfect match as indicated on the external meter. After the manual tune, the other LED's did not flash and the tuner did not retune. So I'm thinking there may need to be some sort of adjustment needed on the SWR circuit in the tuner so it tunes to a better match when doing an auto tune. The tuner is capable of getting a super good match but always stops on something worse. This is confirmed by watching the external meter and seeing it go to a near perfect match several times before settling on a not so good match ! So, is there any adjustments that could better calibrate the SWR circuit in the tuner that anyone knows of ?

kc8aon

7850. Re: [LDG-auto-tuners] Re: LDG tuners need to have a reset feature

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-05-09 22:27:25 UTC
From: Joe
Topic: 7792 Message: 7850

Where do you have the external meter connected? On the antenna or radio side of the tuner?

Joe

On 5/9/2016 3:55 PM, rmckee1957@... [LDG-auto-tuners] wrote:
> UPDATE !
>
> While on vacation a couple of weeks back I had a little time to play
> with the tuner some. What I found that was after doing a tune from
> memory which I have never got a super good match - around 1.7:1 at
> best and then sometimes it would retune on a second transmission to a
> higher level. Then sometimes had to go through a memory tune 2 or 3
> times to get it to settle into a good match for the antenna being used
> at the time, indicated by the green LED alone. With a meter inline
> with the green LED on, it would sometimes show near a 2:1 on the meter
> and the other LED's would flash when transmitting but the meter stayed
> on whatever the initial setting was. But when the other LED's were
> flashing is when it was most likely to try to retune. So I found out
> that after it stopped tuning, it would stay set only after I did a
> manual tune to get the tuner to where it had a near perfect match as
> indicated on the external meter. After the manual tune, the other
> LED's did not flash and the tuner did not retune. So I'm thinking
> there may need to be some sort of adjustment needed on the SWR circuit
> in the tuner so it tunes to a better match when doing an auto tune.
> The tuner is capable of getting a super good match but always stops on
> something worse. This is confirmed by watching the external meter and
> seeing it go to a near perfect match several times before settling on
> a not so good match ! So, is there any adjustments that could better
> calibrate the SWR circuit in the tuner that anyone knows of ?
>
> kc8aon
>

7851. Re: [LDG-auto-tuners] Re: LDG tuners need to have a reset feature

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-05-10 20:51:54 UTC
From: rmckee1957@...
Topic: 7792 Message: 7851

Where do you have the external meter connected? On the antenna or radio side of the tuner?
<snip>

Between the radio and the tuner where it belongs of course...

kc8aon

7852. Re: [LDG-auto-tuners] Re: LDG tuners need to have a reset feature

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-05-11 04:48:32 UTC
From: KK2DOG in NY
Topic: 7792 Message: 7852

Actually, the meter should go between the tuner and antenna.The meter should be the last component in the chain.

KK2DOG From the REAL upstate NY in grid FN24.

From: "rmckee1957@gmail.com [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com>
To: LDG-auto-tuners@yahoogroups.com
Sent: Tuesday, May 10, 2016 4:51 PM
Subject: Re: [LDG-auto-tuners] Re: LDG tuners need to have a reset feature

Where do you have the external meter connected? On the antenna or radio side of the tuner?
<snip> Between the radio and the tuner where it belongs of course... kc8aon

7853. Re: [LDG-auto-tuners] Re: LDG tuners need to have a reset feature

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-05-11 05:54:58 UTC
From: WolfBob
Topic: 7792 Message: 7853

WHY??

WB6JPI, Bob
----- Original Message -----
From: KK2DOG in NY kk2dog@... [LDG-auto-tuners]
To: LDG-auto-tuners@yahoogroups.com
Sent: Tuesday, May 10, 2016 9:48 PM
Subject: Re: [LDG-auto-tuners] Re: LDG tuners need to have a reset feature

Actually, the meter should go between the tuner and antenna.
The meter should be the last component in the chain.

KK2DOG From the REAL upstate NY in grid FN24.

From: "rmckee1957@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com>
To: LDG-auto-tuners@yahoogroups.com
Sent: Tuesday, May 10, 2016 4:51 PM
Subject: Re: [LDG-auto-tuners] Re: LDG tuners need to have a reset feature

Where do you have the external meter connected? On the antenna or radio side of the tuner?
<snip>

Between the radio and the tuner where it belongs of course...

kc8aon

7854. Re: [LDG-auto-tuners] Re: LDG tuners need to have a reset feature

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-05-11 05:09:29 UTC
From: JT
Topic: 7792 Message: 7854

On Wed, 11 May 2016 16:48:32 +1200, KK2DOG in NY kk2dog@...
[LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:
RUBBISH! Consider the tuner as part of the antenna! Meter goes between
radio and tuner!
ZL1DT
> Actually, the meter should go between the tuner and antenna.
> The meter should be the last component in the chain.
>
>>
>>
> KK2DOG From the REAL upstate NY in grid FN24.
>
>> From: "rmckee1957@... [LDG-auto-tuners]"
>> <LDG-auto-tuners@yahoogroups.com>
> To: LDG-auto-tuners@yahoogroups.comSent: Tuesday, May 10, 2016 4:51 PM
> Subject: Re: [LDG-auto-tuners] Re: LDG tuners need to have a reset
> feature
>
> Where do you have the external meter connected? On the antenna or
> radio side of the tuner?
> <snip>
>Between the radio and the tuner where it belongs of course...
>kc8aon
>
>
>

--
Using Opera's mail client: http://www.opera.com/mail/

7855. Re: [LDG-auto-tuners] Re: LDG tuners need to have a reset feature

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-05-11 11:29:37 UTC
From: rmckee1957@...
Topic: 7792 Message: 7855

Actually, the meter should go between the tuner and antenna.
The meter should be the last component in the chain.
<snip>

No, you are quite wrong there my friend ! The purpose of the meter is to measure the load match and the tuner and the antenna are part of the load as a system. Why do you think they put the swr bridge in the tuner on the input side of the tuner ? Same with an external swr meter, it goes between the tuner and the radio. Igf you put it between the tuner and the antenna, the swr would not change unless you actually change the length of the antenna. To see what the tuner is doing it must go between the radio and the tuner.

kc8aon

7856. Re: [LDG-auto-tuners] Re: LDG tuners need to have a reset feature

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-05-11 10:47:08 UTC
From: fudgies@...
Topic: 7792 Message: 7856

KK2DOG that is not correct, the OP has his meter inline in the correct position between the transceiver and the tuner on his feed line. If you put the meter last in-line before the antenna like you are suggesting you are bypassing the tuner in the circuit, therefore the tuner will have no effect on the meters SWR reading. The tuner doesn't physically tune the antenna it simply fools for want of a better description the transceiver into seeing a near perfect match.

73

James EI2IV

7857. Re: LDG tuners need to have a reset feature

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-05-11 12:23:08 UTC
From: ka5s@...
Topic: 7792 Message: 7857

It really depends what you want to measure; the effectiveness of the tuner in reducing SWR, or the standing wave ratio on the coax after the tuner. Besides, it's not uncommon for an SWR meter between a rig and a tuner to disagree with the tuners LEDs, and this can be caused by the default tuner settings – I notice this thread mentions an SWR somewhere around 1.7 to 1 after tuning and it's possible the tuner is set to begin tuning only for an SWR of 2 to 1 or worse.

Cortland
KA5S

7858. Re: LDG tuners need to have a reset feature

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-05-11 14:22:45 UTC
From: steve.lenaghan@...
Topic: 7792 Message: 7858

It depends on the information you want. A tuner is a matching device and will change its output impedance to match the condition of the antenna. The radio on the other hand expects a stable load. With a manual tuner the object is to transfer the greatest amount of RF while keeping the input impedance consistent. A tuner will not improve the SWR on the antenna, just make the radio happy. My old tube KWM-2 did not need a tuner since the output circuit was wide enough to match.

If an auto tuner functions properly there really isn't a great need for an SWR bridge since the tuner will present the radio with a constant impedance and match the antenna condition as best it can.

2:1 SWR is a return of 12%, not a biggie in my mind but I know hams that try to squeeze ever watt to the point of obsession.

Placing a meter on the antenna side will show antenna condition, not perfectly accurately as the real impedance of the antenna is obviously not that of the radio and the meter or we wouldn't be using a tuner. But consider that the tuner may cover a condition that is not obvious without measuring SWR on the actual antenna.

I have an AT-100ProII with my FT897 and it mostly works well but on ALE takes a notion to retune at inopportune times. My IC9100 has a tuner built in and honestly it is better, silent and fast.

I've worked airborne HF and radios that had to deal with pilots rapid transition in frequencies and the tuners had to keep up. A tuner is a tool

73 Steve VE5SR

7859. Re: [LDG-auto-tuners] Re: LDG tuners need to have a reset feature

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-05-11 14:39:20 UTC
From: KK2DOG in NY
Topic: 7792 Message: 7859

My set-up is: Radio, amplifier, tuner, then meter and it's been that way for years. How would I measure my amps output if the meter was between the radio and tuner then?

KK2DOG From the REAL upstate NY in grid FN24.

From: "fudgies@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com>
To: LDG-auto-tuners@yahoogroups.com
Sent: Wednesday, May 11, 2016 6:47 AM
Subject: Re: [LDG-auto-tuners] Re: LDG tuners need to have a reset feature

KK2DOG that is not correct, the OP has his meter inline in the correct position between the transceiver and the tuner on his feed line. If you put the meter last in-line before the antenna like you are suggesting you are bypassing the tuner in the circuit, therefore the tuner will have no effect on the meters SWR reading. The tuner doesn't physically tune the antenna it simply fools for want of a better description the transceiver into seeing a near perfect match.'s

73
James EI2IV

7860. Re: [LDG-auto-tuners] Re: LDG tuners need to have a reset feature

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-05-11 14:44:34 UTC
From: Joe
Topic: 7792 Message: 7860

It should be Radio-Amplifier-Meter-Tuner. That's how my station is set up. That way you can see the VSWR that the amplifier is seeing.

Joe

On 5/11/2016 10:39 AM, KK2DOG in NY kk2dog@... [LDG-auto-tuners] wrote:
> My set-up is: Radio, amplifier, tuner, then meter and it's been that
> way for years. How would I measure my amps output if the meter was
> between the radio and tuner then?

7861. Re: [LDG-auto-tuners] Re: LDG tuners need to have a reset feature

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-05-11 13:25:08 UTC
From: Jon
Topic: 7792 Message: 7861

Personally I'd like to have one before and after the tuner.
It allows you see see if there are any major changes to the antenna side as well as final power out. Between the transmitter and tuner to make sure it is matching properly. Without both you do not get a more complete picture..

73,
Jon
KD5SFA

On Wednesday, May 11, 2016, ka5s@... [LDG-auto-tuners] <
LDG-auto-tuners@yahoogroups.com> wrote:

>
>
> It really depends what you want to measure; the effectiveness of the tuner
> in reducing SWR, or the standing wave ratio on the coax after the tuner.
> Besides, it's not uncommon for an SWR meter between a rig and a tuner to
> disagree with the tuners LEDs, and this can be caused by the default tuner
> settings – I notice this thread mentions an SWR somewhere around 1.7 to 1
> after tuning and it's possible the tuner is set to begin tuning only for an
> SWR of 2 to 1 or worse.
>
> Cortland
> KA5S
>
>

7862. Re: [LDG-auto-tuners] Re: LDG tuners need to have a reset feature

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-05-11 19:12:36 UTC
From: fudgies@...
Topic: 7792 Message: 7862

KK2DOG I think that you may be confusing an SWR meter with an RF power meter?

The way you describe your line up is perfect to measure the power output from your transceiver / amp, but it will only measure the true VSWR reading from your antenna. It will not change VSWR readings when you tune the antenna with the tuner because you have the meter on the output side of the tuner when you actually want to measure the tuned VSWR reading that your tuner presents to your transceiver / amp on the input side of the tuner.

73

James EI2IV

7863. Re: [LDG-auto-tuners] Re: LDG tuners need to have a reset feature

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-05-11 11:15:29 UTC
From: rmckee1957@...
Topic: 7792 Message: 7863

[Body unavailable in the source archive]

7864. Re: [LDG-auto-tuners] Re: LDG tuners need to have a reset feature

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-05-11 18:08:19 UTC
From: Ed - AD7GR
Topic: 7792 Message: 7864

There's an article of some interest containing a simple diagram at
http://www.hamuniverse.com/tuner.html
Title: "How to Use an Antenna Tuner - Get maximum power to your antenna
by learning how to hook up... "
Notice the Editor's Note at the bottom the article.

73,
Ed - AD7GR
skcc #30C
fists #12244

On 5/11/2016 7:39 AM, KK2DOG in NY kk2dog@... [LDG-auto-tuners] wrote:
> My set-up is: Radio, amplifier, tuner, then meter and it's been that
> way for years. How would I measure my amps output if the meter was
> between the radio and tuner then?

7865. Re: [LDG-auto-tuners] Re: LDG tuners need to have a reset feature

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-05-11 16:59:40 UTC
From: John
Topic: 7792 Message: 7865

Your SWR meter is designed and calibrated for use at 50 Ohms. Your antenna impedance which the LDG
tuner is attempting to match could be anything from a few Ohms to several k Ohms. With the meter
between the tuner and antenna, Watt / SWR readings will be meaningless.

John G3UGY

From: mailto:LDG-auto-tuners@yahoogroups.com
Sent: Wednesday, May 11, 2016 3:39 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] Re: LDG tuners need to have a reset feature

My set-up is: Radio, amplifier, tuner, then meter and it's been that way for years. How would I
measure my amps output if the meter was between the radio and tuner then?

KK2DOG From the REAL upstate NY in grid FN24.

From: "fudgies@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com>
To: LDG-auto-tuners@yahoogroups.com
Sent: Wednesday, May 11, 2016 6:47 AM
Subject: Re: [LDG-auto-tuners] Re: LDG tuners need to have a reset feature

KK2DOG that is not correct, the OP has his meter inline in the correct position between the transceiver and the tuner on his feed line. If you put the meter last in-line before the antenna
like you are suggesting you are bypassing the tuner in the circuit, therefore the tuner will have no
effect on the meters SWR reading. The tuner doesn't physically tune the antenna it simply fools for
want of a better description the transceiver into seeing a near perfect match.'s

73

James EI2IV

7866. Re: LDG tuners need to have a reset feature

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-05-11 22:12:13 UTC
From: rmckee1957@...
Topic: 7792 Message: 7866

The tuner doesn't physically tune the antenna it simply fools for want of a better description the transceiver into seeing a near perfect match.'s <snip.

Actually, the tuner doesn't fool the radio. The tuner transforms the impedance of the antenna system to the 50 ohms that the radio requires by canceling out inductive and capacitive reactance by adding inductance and capacitance as needed.

kc8aon

7867. Re: [LDG-auto-tuners] Re: LDG tuners need to have a reset feature

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-05-11 15:43:55 UTC
From: rmckee1957@...
Topic: 7792 Message: 7867

It should be Radio-Amplifier-Meter-Tuner. That's how my station is set up. That way you can see the VSWR that the amplifier is seeing. <snip>

RIGHT ! Except in my case it radio, meter, tuner - never owned an amp and will never use one. I'm a die hard QRPer !

kc8aon

7868. Re: LDG tuners need to have a reset feature

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-05-11 21:26:26 UTC
From: rmckee1957@...
Topic: 7792 Message: 7868

My set-up is: Radio, amplifier, tuner, then meter and it's been that way for years. How would I measure my amps output if the meter was between the radio and tuner then? <snip>

We are not trying to measure output power, we are trying to measure the "tuned VSWR", so the meter "MUST" go between the tuner and the radio. In fact, if its the type of meter that will measure both swr and power, it will still measure you amp's output in that position too. In fact, you would want to measure the power going into the tuner to assure you are not exceeding the tuner's input limit !

kc8aon

7869. Re: [LDG-auto-tuners] Re: LDG tuners need to have a reset feature

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-05-11 19:49:31 UTC
From: Alex Netherton
Topic: 7792 Message: 7869

I will give a schematic as best I can of the flow chart of my setup. It is imperative you have the SWR meter between the rig and the tuner:

FT-950 --> SB-200 --> SWR/Watt Meter --> LDG AT-600ProII --> Balun --> Antenna, center fed Flattop.

If you have the SWR meter between the tuner and antenna, the SWR will not change, but will show the antenna as having a bad SWR. It is the tuner that changes what the transmitter "sees", which is why some say a tuner is "just a foolin' yer transmitter", which it is definitely not; it is transforming impedance and reactance to the 50Ω non-reactive the transmitter needs in order to work. Therefore, if you put the SWR meter between the tuner and the rig, the meter will show what the transmitter "sees", which, if the tuner is doing its job, will be a low SWR.

Now, true, some antennas are just rotten radiators to begin with, and a tuner is just going to allow you to transmit into a rotten antenna. However, if you have an antenna like a flattop (at least 1/2 wave at the lowest frequency of operation, balanced wire fed to a balun near the tuner) which is low loss, it will radiate well, and I have worked over 105 countries with it, and not even half trying. Now, if you are trying to load up a 20 meter dipole on 80 meters, your tuner may tune it, but you will be losing over 90% of your power in line losses and tuner losses.

73 de W5ALX

On 5/11/2016 3:12 PM, fudgies@... [LDG-auto-tuners] wrote:
>
> KK2DOG I think that you may be confusing an SWR meter with an RF power
> meter?
>
>
> The way you describe your line up is perfect to measure the power
> output from your transceiver / amp, but it will only measure the true
> VSWR reading from your antenna. It will not change VSWR readings when
> you tune the antenna with the tuner because you have the meter on the
> output side of the tuner when you actually want to measure the tuned
> VSWR reading that your tuner presents to your transceiver / amp on
> the input side of the tuner.
>
> 73
>
> James EI2IV
>

7870. Re: LDG tuners need to have a reset feature

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-05-12 03:05:20 UTC
From: Mike Lichtman
Topic: 7792 Message: 7870

>
> Gentlemen,
> Correct me if I am wrong but I too, also put the meter between the transceiver and the tuner so I know the SWR that the transceiver is seeing after the tuner adjusts it. I only put it after the tuner when I am building the antenna to tune it. After that I really only want to know what my final stages are seeing. 73 Mike KF6KXG

7871. Re: [LDG-auto-tuners] Re: LDG tuners need to have a reset feature

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-05-11 19:54:05 UTC
From: Alex Netherton
Topic: 7792 Message: 7871

Meter needs to be between amp and tuner. You are measuring the true output of amp then. With yours, you are measuring the output through the meter, which can show some loss due to the tuner itself.

On 5/11/2016 10:39 AM, KK2DOG in NY kk2dog@... [LDG-auto-tuners] wrote:
> My set-up is: Radio, amplifier, tuner, then meter and it's been that
> way for years. How would I measure my amps output if the meter was
> between the radio and tuner then?
>
>
> KK2DOG From the REAL upstate NY in grid FN24.
>
>
> ---
> *From:* "fudgies@... [LDG-auto-tuners]"
> <LDG-auto-tuners@yahoogroups.com>
> *To:* LDG-auto-tuners@yahoogroups.com
> *Sent:* Wednesday, May 11, 2016 6:47 AM
> *Subject:* Re: [LDG-auto-tuners] Re: LDG tuners need to have a reset
> feature
>
> KK2DOG that is not correct, the OP has his meter inline in the
> correct position between the transceiver and the tuner on his feed
> line. If you put the meter last in-line before the antenna like you
> are suggesting you are bypassing the tuner in the circuit, therefore
> the tuner will have no effect on the meters SWR reading. The tuner
> doesn't physically tune the antenna it simply fools for want of a
> better description the transceiver into seeing a near perfect match.'s
>
>
> 73
>
> James EI2IV
>
>
>

--
73 de W5ALX
Alex Netherton
Asheville, Buncombe County NC, US EM85ro
http://blueridgediscovery.org

7872. Re: [LDG-auto-tuners] Re: LDG tuners need to have a reset feature

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-05-12 04:57:52 UTC
From: KK2DOG in NY
Topic: 7792 Message: 7872

<KK2DOG I think that you may be confusing an SWR meter with an RF power meter? >
Let me try to clarify. I have my Palstar PM2000A watt/SWR meter at the end of the chain so that I can see what my antenna is doing, and to measure my total output power. I keep the radio's meter on the SWR setting so that I can see what the radio sees as well. When I hit the TUNE button on my LDG AT-1000PRO Autotuner, I keep an eye on the RADIO'S SWR meter for the lowest possible match, and watch for output on the Palstar. I've been doing this for quite awhaile now with no issues or adverse effects.

KK2DOG From the REAL upstate NY in grid FN24.

From: "fudgies@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com>
To: LDG-auto-tuners@yahoogroups.com
Sent: Wednesday, May 11, 2016 3:12 PM
Subject: Re: [LDG-auto-tuners] Re: LDG tuners need to have a reset feature

KK2DOG I think that you may be confusing an SWR meter with an RF power meter?
The way you describe your line up is perfect to measure the power output from your transceiver / amp, but it will only measure the true VSWR reading from your antenna. It will not change VSWR readings when you tune the antenna with the tuner because you have the meter on the output side of the tuner when you actually want to measure the tuned VSWR reading that your tuner presents to your transceiver / amp on the input side of the tuner.
73
James EI2IV

7873. Re: [LDG-auto-tuners] Re: LDG tuners need to have a reset feature

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-05-11 20:43:17 UTC
From: JT
Topic: 7792 Message: 7873

To measure your amplifier output the meter goes directly after the amplifier. The amplifier is just part of the radio system, just as the tuner is part of the antenna system.Time to read the ARRL handbook
ZL1DT

> My set-up is: Radio, amplifier, tuner, then meter and it's been that
> way for years. How would I measure my amps output if the >meter was
> between the radio and tuner then?
>
>
> KK2DOG From the REAL upstate NY in grid FN24.
>
>> From: "fudgies@... [LDG-auto-tuners]"
>> <LDG-auto-tuners@yahoogroups.com>
> To: LDG-auto-tuners@yahoogroups.comSent: Wednesday, May 11, 2016 6:47 AM
> Subject: Re: [LDG-auto-tuners] Re: LDG tuners need to have a reset
> feature
>
> KK2DOG that is not correct, the OP has his meter inline in the correct
> position between the transceiver and the tuner on his >feed line. If you
> put the meter last in-line before the antenna like you are suggesting
> you are bypassing the tuner in the >circuit, therefore the tuner will
> have no effect on the meters SWR reading. The tuner doesn't physically
> tune the antenna it >simply fools for want of a better description the
> transceiver into seeing a near perfect match.'s
>
> 73
>
> James EI2IV
>
>
>

--
Using Opera's mail client: http://www.opera.com/mail/

7874. Re: [LDG-auto-tuners] Re: LDG tuners need to have a reset feature

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-05-12 12:13:07 UTC
From: Joe
Topic: 7792 Message: 7874

This setup would give you an accurate output power reading if you were connected to a 50 ohm antenna. Someone else pointed this out that a wattmeter/VSWR meter is only accurate at it's design impedance, typically 50 ohms.

For an example, if you are using an all-band antenna and are trying to match a 3:1VSWR down to 1:1, the power readings that you see at the location you use (between tuner and antenna) are probably irrelevant. If you were to move the wattmeter 10 to 20 feet down the coax you would most likely get a different power reading. It's even possible to see a higher power reading than the amplifier is capable of developing due to meter inaccuracy.

Joe

On 5/12/2016 12:57 AM, KK2DOG in NY kk2dog@... [LDG-auto-tuners] wrote:
> Let me try to clarify. I have my Palstar PM2000A watt/SWR meter at the
> end of the chain so that I can see what my antenna is doing, and to
> measure my total output power. I keep the radio's meter on the SWR
> setting so that I can see what the radio sees as well. When I hit the
> TUNE button on my LDG AT-1000PRO Autotuner, I keep an eye on the
> RADIO'S SWR meter for the lowest possible match, and watch for output
> on the Palstar. I've been doing this for quite awhaile now with no
> issues or adverse effects.

7875. Re: [LDG-auto-tuners] Re: LDG tuners need to have a reset feature

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-05-12 13:15:29 UTC
From: Michael Walker
Topic: 7792 Message: 7875

Just put the meter where you like to read what ever information you are looking for. If you are really concerned, run 2 meters, one before and 1 after the tuner.

Of course, you could just build antennas that don't require tuners. You'll find (for the most part--yes, there are exceptions), the just work better.

There is no right or wrong. It is personal preference.

Mike va3mw

7876. Re: LDG tuners need to have a reset feature

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-05-12 17:50:52 UTC
From: rmckee1957@...
Topic: 7792 Message: 7876

Your SWR meter is designed and calibrated for use at 50 Ohms. Your antenna impedance which the LDG tuner is attempting to match could be anything from a few Ohms to several k Ohms. With the meter between the tuner and antenna, Watt / SWR readings will be meaningless.
<snip>

Thank you, that the wording I was looking for, but it was eluding my peabrain ! When the impedance of the antenna doesn't match the impedance of the meter, then the readings are pretty useless !

7877. Re: [LDG-auto-tuners] Re: LDG tuners need to have a reset feature

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-05-12 18:14:18 UTC
From: WolfBob
Topic: 7792 Message: 7877

Depends on how the SWR meter is designed. Some will work quite good over a very large impedance range (like a bolometer on a directional coupler)..But $$$.

Bob, WB6JPI

----- Original Message -----
From: rmckee1957@gmail.com [LDG-auto-tuners]
To: LDG-auto-tuners@yahoogroups.com
Sent: Thursday, May 12, 2016 10:50 AM
Subject: [LDG-auto-tuners] Re: LDG tuners need to have a reset feature

Your SWR meter is designed and calibrated for use at 50 Ohms. Your antenna impedance which the LDG tuner is attempting to match could be anything from a few Ohms to several k Ohms. With the meter between the tuner and antenna, Watt / SWR readings will be meaningless.
<snip>

Thank you, that the wording I was looking for, but it was eluding my peabrain ! When the impedance of the antenna doesn't match the impedance of the meter, then the readings are pretty useless !

7878. Re: [LDG-auto-tuners] Re: LDG tuners need to have a reset feature

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-05-12 19:09:23 UTC
From: Alex Netherton
Topic: 7792 Message: 7878

What he said. The concept of "fooling the radio" is just a sort of mysterious "black box" idea, sort of a magical thing, that can make the radio "see" something that isn't. It is too easy an explanation, and used by people when they want to make tuners sound to be a bad idea. It is instructive to notice how many Hams have them, and how many of them are accomplished DX'ers.

Many Hams do not have the room to have an antenna for each band, and many like to utilize so called "all band" antennas, like the Carolina Windom, the G5RV, the old and venerable "flattop" (generally 100 to 130 feet long with center fed balanced line back to the tuner), various loops, or just a 130 foot wire strung out the window. All of these work quite well as radiators on most, if not all, of the Ham bands, and only need their impedance transformed. Enter the tuner.

An antenna might work quite well at a full wave length, or even at 3/8 wave, but its impedance will be something other than 50Ω. The tuner takes that complex impedance, adds capacitance and inductance to it, and transforms it into a 50Ω non-reactive load for the transmitter (as most modern transmitters require a 50Ω load).

Now, where problems come in is where a Ham makes an antenna for, say 40 meters, and feeds it with 50Ω coax, and uses a tuner to tune it from 80 through 10. With 100 feet of coax, you will be losing over 90% of your signal on 80 meters!. 20 won't fare too well either, and the only place you will get a decent signal will be 15 meters (go ahead, ask me why!) However, if you feed it with balanced "window line", to a balun, then to the tuner, things change. The window line is low loss, does not eat up power like coax, and though a high impedance line, can easily be transformed by a tuner (often using a 4:1 balun) to something the transmitter can use, and thus almost all of your power is going to the antenna, and the tuner transforms the complex impedance to 50Ω, and you are talking to Togo at 5x9. And, yes, I did, last week, through a monster pileup.

Station here:

FT-950 or IC7000 ---> SB-200 ---> Swr meter (not really needed, as my tuner has one, and so does the amp - I am just old school) ---> LDG AT-600Pro II ---> 4:1 balun ---> about 30 feet of balanced line ---> 102' center fed antenna (MFJ-1777 - I was in a hurry, or I would have made it myself).

With this, I can work most DX pileups without the amp. For those I cannot, I turn on the 200. I usually manage to get through.

As an aside, many older rigs, especially ones from between the World Wars, would tune into most anything - coax was rarely used. After WWII, many rigs had tank circuits on the finals that would tune most anything - no need for a SWR meter, just load and dip. Even some later SSB rigs had nice generous tank circuits, and would tune most anything. However, manufacturers started making rigs for a 50Ω load, as it was easier and cheaper, and old military coax was cheap and plentiful. Around then, EF Johnson started making the Matchbox, and the world was changed!

73 de W5ALX
Alex Netherton
Asheville, Buncombe County NC, US EM85ro
http://blueridgediscovery.org

On 5/11/2016 6:12 PM, rmckee1957@... [LDG-auto-tuners] wrote:
>
> The tuner doesn't physically tune the antenna it simply fools for want
> of a better description the transceiver into seeing a near perfect
> match.'s <snip.
>
> Actually, the tuner doesn't fool the radio. The tuner transforms the
> impedance of the antenna system to the 50 ohms that the radio requires
> by canceling out inductive and capacitive reactance by adding
> inductance and capacitance as needed.
>
> kc8aon
>
>
>

7879. Re: [LDG-auto-tuners] Re: LDG tuners need to have a reset feature

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-05-12 21:40:02 UTC
From: WolfBob
Topic: 7792 Message: 7879

Your getting there Alex...

In the old days no one worried or even knew about SWR. It wasn't until WW2 that it became an issue and a quantity to be dealt with.

Two issues started the "problem" one was the advent of Coax and the other was TVI. Some years later SSB and the transistor added greatly to the problems.

In the old days Ham transmitters used tubes and mostly had pi networks in the output. This "filter" could transform the high impedance tube to the 600 ohm open wire transmission line with most any antenna hung on the far end. Sure when you tuned up too fast or talked too loud (half the output power was in the AM sidebands) you could arc-over the load capacitor (Made by removing 2/3s of the plates from a broadcast radio tuning capacitor and running 1KW AM on 15 meters) or blow the little parasitic coils made by winding 10 turns around a 2 watt resistor. No big loss and something you could repair before the contact was lost.

The big problem started with coax. now the loss went from 0.02dB/100 ft for open wire lines to 0.8dB/100 ft for coax. This is a one-way 10% loss which may be very tolerable, but you missed the point. It is a 10% loss for each time the energy has to pass through the coax. With a 4:1 SWR the antenna will only accept 1/2 of the energy available and reflects the other half back toward the transmitter, loosing 10%, where it is reflected without any more loss to travel back toward the antenna with another 10% loss and this 50 % that was rejected by the antenna in the first pass is now 40% and again half of it is reflected back toward the transmitter where it comes again to the antenna , now 10%. This goes on for a while. The total loss of the original 90% power that was presented to the antenna adds up to about 60% . You lost 30% due to the SWR. and it was "only" 4:1. With 10:1 SWR you lose say 80%. Not good. No bother in the open wire and tube days. The energy rattled around a while but it seemed to eventually get into the antenna.

The next issue to plague coax was TVI. Most old timers ran dipoles or at least balanced antennas. This worked great for open wire lines, but coax is not a balanced system. Connecting coax directly to a balanced system works, but it will generate considerable energy in the common mode that is traveling around on the outside of the coax and radiating like any good antenna. Lots of TVI. So folks "invented" the Balloon and several ways to feed a balanced antenna with an unbalanced transmission line. Problem solved.

Transistors are not tubes and they do not like having their voltages or currents doubled as happens with a 4:1 SWR. Tubes don't mind near as much and usually you will take out a tuning cap long before the tube notices anything (they don't care for quadrupling the power but remember that the reflected energy is totally reflected at the radio end of the SWR driven cycling and doesn't get to the tubes or transistors but the peak voltage or current does.). So solid state radios will only make power by design into a very limited mismatch (like 2:1). They have clever circuits to prevent making the power to begin with so their output transistors are protected. It no longer a simple thing repairing a blown solid state final, but several hundred dollars and several weeks of down time. Guess why we most all have tuners??? It is easier to tune down the SWR than to tune up the antenna. BUT you are

still loosing all that power to SWR. Back to open wire lines!!

There is another solution. That is to have the tuner not in the shack next to your radio but on the tower next to the antenna. This is happening and is a great solution. Now you can use coax (tolerating the 10% power loss) and still get a 1:1 SWR for the radio. Weather-proof, automatic remote powered and actuated tuners are available from LDG or like I do I put my little Z-11ProII in a weatherproof box and it sits on my tower. I have a pair of 18650 LiIon cells that handle the tuner tuning and they were charged last year and are still going.

Bob, WB6JPI

----- Original Message -----
From: Alex Netherton w5alx-groups@... [LDG-auto-tuners]
To: LDG-auto-tuners@yahoogroups.com
Sent: Thursday, May 12, 2016 12:09 PM
Subject: Re: [LDG-auto-tuners] Re: LDG tuners need to have a reset feature

What he said. The concept of "fooling the radio" is just a sort of mysterious "black box" idea, sort of a magical thing, that can make the radio "see" something that isn't. It is too easy an explanation, and used by people when they want to make tuners sound to be a bad idea. It is instructive to notice how many Hams have them, and how many of them are accomplished DX'ers.

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FT-950 or IC7000 ---> SB-200 ---> Swr meter (not really needed, as my tuner has one, and so does the amp - I am just old school) ---> LDG AT-600Pro II ---> 4:1 balun ---> about 30 feet of balanced line ---> 102' center fed antenna (MFJ-1777 - I was in a hurry, or I would have made it myself).

With this, I can work most DX pileups without the amp. For those I cannot, I turn on the 200. I usually manage to get through.

As an aside, many older rigs, especially ones from between the World Wars, would tune into most anything - coax was rarely used. After WWII, many rigs had tank circuits on the finals that would tune most anything - no need for a SWR meter, just load and dip. Even some later SSB rigs had nice generous tank circuits, and would tune most anything. However, manufacturers started making rigs for a 50Ω load, as it was easier and cheaper, and old military coax was cheap and plentiful. Around then, EF Johnson started making the Matchbox, and the world was changed!

73 de W5ALX
Alex Netherton
Asheville, Buncombe County NC, US EM85ro
http://blueridgediscovery.orgOn 5/11/2016 6:12 PM, rmckee1957@... [LDG-auto-tuners] wrote:

The tuner doesn't physically tune the antenna it simply fools for want of a better description the transceiver into seeing a near perfect match.'s <snip.

Actually, the tuner doesn't fool the radio. The tuner transforms the impedance of the antenna system to the 50 ohms that the radio requires by canceling out inductive and capacitive reactance by adding inductance and capacitance as needed.

kc8aon

7880. LDG could use a method of recording a manual setting for a given frequency

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-05-12 22:45:17 UTC
From: RSLAUFER@...
Topic: 7880 Message: 7880

I have previously asked about a curious finding that at some frequencies my AT-1000RroII is very confused about the SWR and selects a less than optimum tuning combination .

I can manually reduce the 1.7 SWR down to 1.3, BUT I have no way to set this manual setting for later use. If I leave that frequency and go back to it, my LDG wants to stay at the 1.7 SWR that it erroneously thinks is best!

The latest MFJ autotuner has a feature to record a manual settting into its memory for future use.

It would be nice if LDG had such a feature.

7881. Re: [LDG-auto-tuners] LDG could use a method of recording a manual setting for a given frequency

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-05-12 23:05:56 UTC
From: Craig
Topic: 7880 Message: 7881

I thought that is a capability on many LDG tuners. Did you cross check the user manual? Check page 18 on the below :-)

http://www.ldgelectronics.com/assets/manuals/AT-1000ProIIManual.pdf

Craig

> On May 12, 2016, at 6:45 PM, "RSLAUFER@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:
>
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>
> I have previously asked about a curious finding that at some frequencies my AT-1000RroII is very confused about the SWR and selects a less than optimum tuning combination .
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>
> I can manually reduce the 1.7 SWR down to 1.3, BUT I have no way to set this manual setting for later use. If I leave that frequency and go back to it, my LDG wants to stay at the 1.7 SWR that it erroneously thinks is best!
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>
> The latest MFJ autotuner has a feature to record a manual settting into its memory for future use.
>
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>
> It would be nice if LDG had such a feature.
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7882. Re: [LDG-auto-tuners] LDG could use a method of recording a manual setting for a given frequency

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-05-13 02:54:55 UTC
From: RSLAUFER@...
Topic: 7880 Message: 7882

Thanks a lot!

I missed that paragraph on my first dozen "read thrus ".

Problem solved!

{Moral of the story: RTFM}

Roy AC2GS

7883. Question on switching chips in the LDG AT-200Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-05-15 21:27:02 UTC
From: rsmithjr6@...
Topic: 7883 Message: 7883

I have two newer chips for my LDG AT-200Pro. The new chips are a 200PM13 and a 200PEP12 The old ones are a 200M13 and 200F12. I don’t have any instruction so can someone tell me do I just switch the 12 with the 12 and the 13 with the 13? And can I replace the head chip without pulling the board out of the case?

Thanks
Ron N2MSV

7884. Re: LDG tuners need to have a reset feature

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-05-16 00:31:39 UTC
From: L T
Topic: 7792 Message: 7884

2 simple ways to look at the whole thing... Do you want to see the real VSWR meter goes after the tuner....Do you want to see the VSWR after TUNER does it's job tuner goes between tuner and radio....

Lee

w1lwt@yahoo.com

7885. Re: LDG tuners need to have a reset feature

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-05-17 11:25:12 UTC
From: rmckee1957@...
Topic: 7792 Message: 7885

2 simple ways to look at the whole thing...
Do you want to see the real VSWR meter goes after the tuner....
Do you want to see the VSWR after TUNER does it's job tuner goes between tuner and radio....<snip>

"tuner goes between tuner and radio" ? I think you meant to say meter goes between tuner and radio ? But anyway, putting the meter between the tuner and the antenna is pointless since it would not tell us if the tuner is doing its job or not. If my antenna is far enough off that I need to use a tuner in the first place, then it would be a moot point to measure the swr there - I want to see that the tuner is actually matching the system to the radio, so I "ALWAYS" put the meter between the radio and the tuner. If the tuner is working, then the meter will show a low swr, if it doesn't show a low swr, then the antenna is either out of the matching range of the tuner or the tuner has a problem that needs checked.

kc8aon

7886. Re: LDG could use a method of recording a manual setting for a given frequency

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-05-17 11:29:16 UTC
From: rmckee1957@...
Topic: 7880 Message: 7886

I can manually reduce the 1.7 SWR down to 1.3, BUT I have no way to set this manual setting for later use. If I leave that frequency and go back to it, my LDG wants to stay at the 1.7 SWR that it erroneously thinks is best! <snip>

My LDG is supposed to be able to do that by once I get the manual tune to a bare minimum, then you push the function button and then the store button, but it doesn't seem to work on mine. Tried it several times in the last few days. Got it down to where the meter shows no swr with the manual buttons, then push the function and store buttons to store it in memory, and on the next tune command on that frequency its right back to a less than optimum swr. Its like the function and store buttons are not connected to anything !

kc8aon

7887. AT-11MP

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-05-17 15:14:22 UTC
From: <bobnicholas3737@...>
Topic: 1557 Message: 7887

Sent 500W thru my LDG AT-11MP, rated at about 300W. Is there any internal fuses or other resets or is it just toat?

Sent from Yahoo Mail. Get the app

7888. Re: [LDG-auto-tuners] Re: LDG tuners need to have a reset feature

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-05-17 16:32:35 UTC
From: Ed - AD7GR
Topic: 7792 Message: 7888

Ever since my Novice days I have done as taught by the ARRL manuals, my Novice class, and my Elmer and have my PWR/SWR meter between transmitter and tuner. Notice that is where the transmitter itself places it's built in meter. However, today just for grins and giggles I placed my meter between the tuner and antenna as has been insisted upon by some.

Using my HB 135' Doublet (non-resonant ladderline and element) my results were as I expected. After tuning and using 10W I found: SWR 1:1, measured before the tuner, and reading infinite between tuner and antenna with my 10 watts reflected. Placing a meter, that has listed in it's specifications 50 ohms Input / Output impedance, in a location that "sees" ∞ infinite impedance would not desirable IMO.

Perhaps the person(s) with their meters placed after the tuner see a usable SWR figure, but I would think that that particular antenna / feedline system must already be near resonance when seen by the meter and in that case the tuner is not needed if the rig has a built-in auto-tuner and they want to have the SWR at or near 1:1. Again that's just my opinion so do what you think is right for your reading accuracy and the longevity of your gear.

I believe that the hams here are responding to this topic out of concern for you and the investment you've made in this wonderful hobby/service.

73,
Ed - ad7gr
skcc 30C
fists 12244

7889. Re: LDG tuners need to have a reset feature

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-05-17 18:11:13 UTC
From: ad7gr@...
Topic: 7792 Message: 7889

Even though the original topic has been hijacked I may as well toss my hat into the ring on the -where the meter goes- discussion...

Ever since my Novice days I have done as taught in the ARRL manuals, my Novice class, and my Elmer, and have my PWR/SWR meter between transmitter and tuner... which, btw, is where the transmitter itself places it's built in meter. However, today, just for grins and giggles, I placed my meter between the tuner and antenna as has been insisted upon by some.

Using my HB 135' Doublet (non-resonant ladderline and element) my results were as I expected. After tuning, using 10W, I found: SWR 1:1, measured before the tuner, and reading infinite between tuner and antenna with all my 10 watts reflected. IMO, placing a meter, that has listed in it's specifications 50 ohms Input / Output impedance, in a location that "sees" infinite impedance would not desirable.

Perhaps the person(s) with their meters placed after the tuner see a usable SWR figure, but I would think that that particular antenna / feedline system must already be near resonance when seen by the meter and in that case the tuner is not needed if the rig has a built-in auto-tuner and they also want to have a 1:1 SWR. Again that's just my opinion so do what you think is right for your reading accuracy and the longevity of your gear.

I believe that the hams here are responding to this discussion out of concern for you and the investment you've made in this wonderful hobby/service. That's what being an Elmer is about.

73,
Ed - ad7gr
skcc 30C
fists 12244

7890. Re: [LDG-auto-tuners] Power limit

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-05-17 20:12:40 UTC
From: Paul Manuel
Topic: 7792 Message: 7890

blockquote, div.yahoo_quoted { margin-left: 0 !important; border-left:1px #715FFA solid !important; padding-left:1ex !important; background-color:white !important; } The AT1000ProII manual I downloaded gives a 750 watt limit on CW. Is this accurate? I am considering this tuner but would like to occasionally run 800-900 watts on CW.
-- #ygrp-mkp {border:1px solid #d8d8d8;font-family:Arial;margin:10px 0;padding:0 10px;}#ygrp-mkp hr {border:1px solid #d8d8d8;}#ygrp-mkp #hd {color:#628c2a;font-size:85%;font-weight:700;line-height:122%;margin:10px 0;}#ygrp-mkp #ads {margin-bottom:10px;}#ygrp-mkp .ad {padding:0 0;}#ygrp-mkp .ad p {margin:0;}#ygrp-mkp .ad a {color:#0000ff;text-decoration:none;}#ygrp-sponsor #ygrp-lc {font-family:Arial;}#ygrp-sponsor #ygrp-lc #hd {margin:10px 0px;font-weight:700;font-size:78%;line-height:122%;}#ygrp-sponsor #ygrp-lc .ad {margin-bottom:10px;padding:0 0;}#actions {font-family:Verdana;font-size:11px;padding:10px 0;}#activity {background-color:#e0ecee;float:left;font-family:Verdana;font-size:10px;padding:10px;}#activity span {font-weight:700;}#activity span:first-child {text-transform:uppercase;}#activity span a {color:#5085b6;text-decoration:none;}#activity span span {color:#ff7900;}#activity span .underline {text-decoration:underline;}.attach {clear:both;display:table;font-family:Arial;font-size:12px;padding:10px 0;width:400px;}.attach div a {text-decoration:none;}.attach img {border:none;padding-right:5px;}.attach label {display:block;margin-bottom:5px;}.attach label a {text-decoration:none;}blockquote {margin:0 0 0 4px;}.bold {font-family:Arial;font-size:13px;font-weight:700;}.bold a {text-decoration:none;}dd.last p a {font-family:Verdana;font-weight:700;}dd.last p span {margin-right:10px;font-family:Verdana;font-weight:700;}dd.last p span.yshortcuts {margin-right:0;}div.attach-table div div a {text-decoration:none;}div.attach-table {width:400px;}div.file-title a, div.file-title a:active, div.file-title a:hover, div.file-title a:visited {text-decoration:none;}div.photo-title a, div.photo-title a:active, div.photo-title a:hover, div.photo-title a:visited {text-decoration:none;}div#ygrp-mlmsg #ygrp-msg p a span.yshortcuts {font-family:Verdana;font-size:10px;font-weight:normal;}.green {color:#628c2a;}.MsoNormal {margin:0 0 0 0;}o {font-size:0;}#photos div {float:left;width:72px;}#photos div div {border:1px solid #666666;height:62px;overflow:hidden;width:62px;}#photos div label {color:#666666;font-size:10px;overflow:hidden;text-align:center;white-space:nowrap;width:64px;}#reco-category {font-size:77%;}#reco-desc {font-size:77%;}.replbq {margin:4px;}#ygrp-actbar div a:first-child {margin-right:2px;padding-right:5px;}#ygrp-mlmsg {font-size:13px;font-family:Arial, helvetica, clean, sans-serif;}#ygrp-mlmsg table {font-size:inherit;font:100%;}#ygrp-mlmsg select, input, textarea {font:99% Arial, Helvetica, clean, sans-serif;}#ygrp-mlmsg pre, code {font:115% monospace;}#ygrp-mlmsg * {line-height:1.22em;}#ygrp-mlmsg #logo {padding-bottom:10px;}#ygrp-msg p a {font-family:Verdana;}#ygrp-msg p#attach-count span {color:#1E66AE;font-weight:700;}#ygrp-reco #reco-head {color:#ff7900;font-weight:700;}#ygrp-reco {margin-bottom:20px;padding:0px;}#ygrp-sponsor #ov li a {font-size:130%;text-decoration:none;}#ygrp-sponsor #ov li {font-size:77%;list-style-type:square;padding:6px 0;}#ygrp-sponsor #ov ul {margin:0;padding:0 0 0 8px;}#ygrp-text {font-family:Georgia;}#ygrp-text p {margin:0 0 1em 0;}#ygrp-text tt {font-size:120%;}#ygrp-vital ul li:last-child {border-right:none

!important;}

Thanks 73Paul K4PDM

7891. Re: [LDG-auto-tuners] Power limit

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-05-17 22:39:51 UTC
From: Don Sanders
Topic: 7792 Message: 7891

The receiving station will not be able to tell you are running 600 watts or
900 watts.
Back off to 600 and don't stress the tuner.

Dr. Don HC4/W4BWS

On Tue, May 17, 2016 at 4:12 PM, Paul Manuel k4pdm@...
[LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:

>
>
> The AT1000ProII manual I downloaded gives a 750 watt limit on CW. Is this
> accurate? I am considering this tuner but would like to occasionally run
> 800-900 watts on CW.
>
>
> Thanks 73
> Paul K4PDM
>
>
>

7892. Re: [LDG-auto-tuners] Power limit

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-05-18 08:52:17 UTC
From: Paul Manuel
Topic: 7792 Message: 7892

Thank you for the advice but the 3-500Z needs to occasionally be run slightly red in order to prevent it becoming gassy, and in my new amp that does not happen till I hit 800 watts.

73 Paul K4PDM

On Tue, 5/17/16, Don Sanders w4bws1@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:

Subject: Re: [LDG-auto-tuners] Power limit
To: LDG-auto-tuners@yahoogroups.com
Date: Tuesday, May 17, 2016, 6:39 PM

The receiving station will not
be able to tell you are running 600 watts or 900
watts.Back off to 600 and don't stress the
tuner.
Dr. Don
HC4/W4BWS

On Tue, May 17, 2016 at
4:12 PM, Paul Manuel k4pdm@...
[LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com>
wrote:

The AT1000ProII manual I downloaded gives a 750
watt limit on CW. Is this accurate? I am considering this
tuner but would like to occasionally run 800-900 watts on
CW.

Thanks 73Paul
K4PDM

7893. Re: LDG tuners need to have a reset feature

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-05-18 16:35:45 UTC
From: rmckee1957@...
Topic: 7792 Message: 7893

Ever since my Novice days I have done as taught in the ARRL manuals, my Novice class, and my Elmer, and have my PWR/SWR meter between transmitter and tuner <snip>

And that is where it must go if you really want to see what the tuner is doing, putting it after the tuner tells you basically nothing ! Nuff said !

kc8aon

7894. Re: [LDG-auto-tuners] Power limit

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-05-18 18:40:57 UTC
From: Don Sanders
Topic: 7792 Message: 7894

Well a KW dummy load will facilitate that requirement.

Dr. Don HC4/W4BWS

On Wed, May 18, 2016 at 4:52 AM, Paul Manuel k4pdm@...
[LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:

>
>
> Thank you for the advice but the 3-500Z needs to occasionally be run
> slightly red in order to prevent it becoming gassy, and in my new amp that
> does not happen till I hit 800 watts.
>
> 73 Paul K4PDM
> --
> On Tue, 5/17/16, Don Sanders w4bws1@... [LDG-auto-tuners] <
> LDG-auto-tuners@yahoogroups.com> wrote:
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> Subject: Re: [LDG-auto-tuners] Power limit
> To: LDG-auto-tuners@yahoogroups.com
> Date: Tuesday, May 17, 2016, 6:39 PM
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> The receiving station will not
> be able to tell you are running 600 watts or 900
> watts.Back off to 600 and don't stress the
> tuner.
> Dr. Don
> HC4/W4BWS
>
> On Tue, May 17, 2016 at
> 4:12 PM, Paul Manuel k4pdm@...
> [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com>
> wrote:
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> Thanks 73Paul
> K4PDM
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7895. Re: [LDG-auto-tuners] Power limit

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-05-18 19:41:57 UTC
From: Paul Manuel
Topic: 7792 Message: 7895

blockquote, div.yahoo_quoted { margin-left: 0 !important; border-left:1px #715FFA solid !important; padding-left:1ex !important; background-color:white !important; } Thank you again for the advice.I suppose the limit really is 750 watts or someone would tell me otherwise.
It's not much fun transmitting into a dummy load but I do have a couple.
73 Paul K4PDM

Sent from Yahoo Mail for iPhone

On Wednesday, May 18, 2016, 2:41 PM, Don Sanders w4bws1@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:

Well a KW dummy load will facilitate that requirement.
Dr. Don HC4/W4BWS
On Wed, May 18, 2016 at 4:52 AM, Paul Manuel k4pdm@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:

Thank you for the advice but the 3-500Z needs to occasionally be run slightly red in order to prevent it becoming gassy, and in my new amp that does not happen till I hit 800 watts.

73 Paul K4PDM

On Tue, 5/17/16, Don Sanders w4bws1@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:

Subject: Re: [LDG-auto-tuners] Power limit
To: LDG-auto-tuners@yahoogroups.com
Date: Tuesday, May 17, 2016, 6:39 PM

The receiving station will not
be able to tell you are running 600 watts or 900
watts.Back off to 600 and don't stress the
tuner.
Dr. Don
HC4/W4BWS

On Tue, May 17, 2016 at
4:12 PM, Paul Manuel k4pdm@...
[LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com>
wrote:

The AT1000ProII manual I downloaded gives a 750
watt limit on CW. Is this accurate? I am considering this
tuner but would like to occasionally run 800-900 watts on
CW.

Thanks 73Paul
K4PDM

7896. Re: [LDG-auto-tuners] Power limit

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-05-18 19:46:13 UTC
From: Alex Netherton
Topic: 7792 Message: 7896

My AT-600 ProII has a limit of 750 watts; you sure you downloaded the correct manual?

CW is around 50% duty cycle, give or take - why would it be any different than SSB?

But Don is right - so many get exercised at the difference between 600 and 900 watts. NOBODY can tell you are running 600. That rare DX will answer your QSL swearing he heard 900. The difference between 600 and 1200 watts is 3dB. 3dB is not hearable to the normal human ear, and is not readable on an S-meter. The difference between 600 and 900 is about 1.5 dB, not detectable at all.

73 de W5ALX
Alex Netherton
Asheville, Buncombe County NC, US EM85ro
http://blueridgediscovery.org

On 5/17/2016 6:39 PM, Don Sanders w4bws1@... [LDG-auto-tuners] wrote:
> The receiving station will not be able to tell you are running 600
> watts or 900 watts.
> Back off to 600 and don't stress the tuner.
>
> Dr. Don HC4/W4BWS
>
> On Tue, May 17, 2016 at 4:12 PM, Paul Manuel k4pdm@...
> <mailto:k4pdm@...> [LDG-auto-tuners]
> <LDG-auto-tuners@yahoogroups.com
> <mailto:LDG-auto-tuners@yahoogroups.com>> wrote:
>
> The AT1000ProII manual I downloaded gives a 750 watt limit on CW.
> Is this accurate? I am considering this tuner but would like to
> occasionally run 800-900 watts on CW.
>
>
> Thanks 73
> Paul K4PDM
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7897. Re: [LDG-auto-tuners] Power limit

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-05-18 20:03:20 UTC
From: Craig
Topic: 7792 Message: 7897

Sounds like you might have a tuner vs dummy load antenna switch in your future ;-)

73, Craig

> On May 18, 2016, at 3:41 PM, "Paul Manuel k4pdm@yahoo.com [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:
>
>
>
> Thank you again for the advice.
> I suppose the limit really is 750 watts or someone would tell me otherwise.
>
> It's not much fun transmitting into a dummy load but I do have a couple.
>
> 73 Paul K4PDM
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7898. Re: LDG tuners need to have a reset feature

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-05-18 20:14:02 UTC
From: jwalden@...
Topic: 7792 Message: 7898

@Paul K4PDM ... the antenna is not resonant anywhere? Even my enormous loop antenna hits a few bands. Maybe not my sweet spots, but the tuner is not needed everywhere 100%

7899. Re: [LDG-auto-tuners] Re: LDG could use a method of recording a manual setting for a given frequency

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-05-19 00:54:49 UTC
From: John DeGood
Topic: 7880 Message: 7899

On 5/17/2016 7:29 AM, rmckee1957@... [LDG-auto-tuners] wrote:
>
>
> I can manually reduce the 1.7 SWR down to 1.3, BUT I have no way to
> set this manual setting for later use. If I leave that frequency and
> go back to it, my LDG wants to stay at the 1.7 SWR that it erroneously
> thinks is best! <snip>
>
>
>
> My LDG is supposed to be able to do that by once I get the manual tune
> to a bare minimum, then you push the function button and then the
> store button, but it doesn't seem to work on mine. Tried it several
> times in the last few days. Got it down to where the meter shows no
> swr with the manual buttons, then push the function and store buttons
> to store it in memory, and on the next tune command on that frequency
> its right back to a less than optimum swr. Its like the function and
> store buttons are not connected to anything !
>

The LDG documentation is very unclear about this. At least on my AT-100ProII, manual memory store only works when no RF is being applied to the tuner. In other words: 1) key your rig; 2) manually adjust the LDG C and L buttons for best SWR; 3) unkey your rig; 4) press "Func"; 5) press "Tune (Store)". That works for me to store the last manual tuning of a frequency in memory.

73, John NU3E

7900. Re: LDG tuners need to have a reset feature

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-05-19 08:44:02 UTC
From: fudgies@...
Topic: 7792 Message: 7900

Yup I agree it's pointless placing the SWR meter after the tuner. So for those that still want to do this for whatever reason they may have why not put the meter where it belongs between the rig (or amp if you have one) and the the tuner then simply switch the tuner to bypass to get the antenna (and feedline's) SWR reading.

73

James EI2IV

7901. Re: [LDG-auto-tuners] Power limit

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-05-19 09:10:17 UTC
From: Paul Manuel
Topic: 7792 Message: 7901

On Wed, 5/18/16, Alex Netherton w5alx-groups@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:

" My AT-600 ProII has a limit of 750 watts; you
sure you downloaded
the correct manual?
CW is around 50% duty cycle, give or take - why would
it be any
different than SSB?"

Well, the AT600ProII manual I am looking at online says 700 watts maximum power input "at most."
The AT1000ProII manual says "Single Side Band 1000 watts, CW 750 watts, digital 500 watts" with a maximum power input of 1200 watts "at most."

Anyway, I'm not going to pay $450 for a tuner that will require me to use my $1400 amp at the power level of a $900 amp.
That doesn't really make sense to me.
I'll probably stick with manual tuners.

Thanks 73

73, Paul K4PDM

7902. Re: [LDG-auto-tuners] Re: LDG tuners need to have a reset feature

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-05-19 09:56:39 UTC
From: Joe
Topic: 7792 Message: 7902

I agree too.

It may be nice to see if power is coming out of the tuner, but the reading is probably irrelevant. If you are tuning an antenna that is far from a 1:1 VSWR the power meter is not going to be accurate. It will only give you and accurate power reading at 50 ohms impedance. I have seen a case of a meter showing a higher power reading than the amplifier was capable of. Moving the meter 10 feet down the coax changed the power reading. But, whatever makes someone happy......

Joe

On 5/19/2016 4:44 AM, fudgies@... [LDG-auto-tuners] wrote:
>
>
> Yup I agree it's pointless placing the SWR meter after the tuner. So
> for those that still want to do this for whatever reason they may have
> why not put the meter where it belongs between the rig (or amp if you
> have one) and the the tuner then simply switch the tuner to bypass to
> get the antenna (and feedline's) SWR reading.
>
>
> 73
>
> James EI2IV
>
>
>

7903. Re: [LDG-auto-tuners] Re: LDG tuners need to have a reset feature

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-05-19 11:16:34 UTC
From: rmckee1957@...
Topic: 7792 Message: 7903

I have seen a case of a meter showing a higher power reading than the amplifier was capable of. <snip>

While I've never owned or used an amp, I have seen the meter show more than what the rig was capable of but only when the swr was high. Running a 100 watt radio and adjusting a manual tuner with a dual meter movement, I have notice the power go well beyond 100 watts according to the meter when the swr was too high, but drops back down to 100 watts when there is a good match. I think this is caused by the reflected power combining for lack of a better term with the forward power which gives a false reading. So yes, the meter will only show an accurate reading when it is being used at its design impedance. And if you put it between the tuner and the antenna, the impedance could be anywhere from a few ohms to several thousand ohms, which does not make for an accurate reading on a meter designed for 50 ohms.

kc8aon

7904. Re: [LDG-auto-tuners] Re: LDG tuners need to have a reset feature

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-05-20 15:55:40 UTC
From: WolfBob
Topic: 7792 Message: 7904

This error in SWR is true for low cost SWR meters that use diodes to sample the power which are really reading a voltage (and "peak" at that) and depend upon some impedance knowledge to get to represent power.. This is not true for sensors that actually measure power (bolometers etc).

Bob, WB6JPI

----- Original Message -----
From: rmckee1957@... [LDG-auto-tuners]
To: LDG-auto-tuners@yahoogroups.com
Sent: Thursday, May 19, 2016 4:16 AM
Subject: Re: [LDG-auto-tuners] Re: LDG tuners need to have a reset feature

I have seen a case of a meter showing a higher power reading than the amplifier was capable of. <snip>

While I've never owned or used an amp, I have seen the meter show more than what the rig was capable of but only when the swr was high. Running a 100 watt radio and adjusting a manual tuner with a dual meter movement, I have notice the power go well beyond 100 watts according to the meter when the swr was too high, but drops back down to 100 watts when there is a good match. I think this is caused by the reflected power combining for lack of a better term with the forward power which gives a false reading. So yes, the meter will only show an accurate reading when it is being used at its design impedance. And if you put it between the tuner and the antenna, the impedance could be anywhere from a few ohms to several thousand ohms, which does not make for an accurate reading on a meter designed for 50 ohms.

kc8aon

7905. Re: LDG tuners need to have a reset feature

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-05-20 16:50:19 UTC
From: jwalden@...
Topic: 7792 Message: 7905

The diodes are RF rectifiers necessary to drive a meter directly. The RF is sampled (aka directional coupler) with something like a loop http://www.repeater-builder.com/projects/bird-element-tour/bird-element-tour.html.

7906. Re: [LDG-auto-tuners] Re: LDG tuners need to have a reset feature

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-05-21 10:33:29 UTC
From: Joe
Topic: 7792 Message: 7906

I Suppose that depends up what you consider a low cost SWR meter. Both my Bird and Telewave meters use diodes to sample the power and they both cost several hundred dollars. I would consider a bolometer, such as the HP power meter, an expensive laboratory grade piece of test equipment.

The only time I used a Hewitt Packard power meter to accurately read power was at Nextel where we were accurately measuring the QAM digital output of a transmitter. We had to use this type of equipment due to the complex signal of the Nextel transmitter. The power meter I used only read forward power, I don't know how you could read reverse power with a bolometer. You would need both forward and reverse power readings to calculate SWR.

Joe

On 5/20/2016 11:55 AM, 'WolfBob' wolfbob@... [LDG-auto-tuners] wrote:
> ☐This error in SWR is true for low cost SWR meters that use diodes to
> sample the power which are really reading a voltage (and "peak" at
> that) and depend upon some impedance knowledge to get to represent
> power.. This is not true for sensors that actually measure power
> (bolometers etc).
> Bob, WB6JPI

7907. AT-600Pro & TS-590S

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-05-23 18:53:08 UTC
From: Ed - AD7GR
Topic: 7907 Message: 7907

I found that I can easily initiate tuning of my AT-600Pro with my TS-590S by simply assigning the rig's TX Tune to the PF B front panel button. When I press the PF B function button the 590 goes into 10W transmit, tunes and with another quick press, I'm done. Works great. Perhaps other Kenwood owner's can use this.

--
73,
Ed - ad7gr
skcc #30C
www.edliko.net

7909. Z11 Pro2 manul memory store does work !

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-05-31 13:09:27 UTC
From: rmckee1957@...
Topic: 7909 Message: 7909

Got some more time to play with the Z11 Pro2 this weekend and finally got the manual memory store to actually work. After doing a full tune and only getting down to a 1.7: swr, I did the manual tune to tweak it down to a 1.1:1 and then did the manual store function. Next memory tune it went right back to the 1.7:1 that it originally found, so I did the manual tune and then manual store function again. I actually had to do this about 6 or 7 times in a row before it finally took and then actually used those settings in a memory tune. So I went to the next band up, same routine - took 6 or 7 times to get it to lock on and actually use those settings. That was on 80 and 40 meters, then on to 30 meters and it took 2 times to get it to lock onto and use the manual store settings. On 20 it always tuned to a very low SWR, so I skipped that band and went to 17 meters where it took 3 tries to get it to store the manual settings and all the other bands took similar procedures. Don't know why I had to "convince" the tuner those were the settings I wanted it to use, but it sure was stubborn about it ! But at least for now when I hit the tune button, it does drop the swr to a very low value that my Icom 706 Mk2's foldback circuit is happy with and now allows full output as the 1.7:1 only allowed about 80% output. Not that I would really worry about the loss of 20 watts on my signal mind you, but if it caused the radio to decrease power, I do wonder about efficiency through the tuner.

KC8AON

7910. Re: [LDG-auto-tuners] Z11 Pro2 manul memory store does work !

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-05-31 15:20:55 UTC
From: cpu_nut
Topic: 7909 Message: 7910

As I mentioned on another post, the tuner probably has a differing opinion of SWR because of the different SWR bridge locations, the tuner's vs your Rig or meter. There also could be a difference in calibration.

In any case, I am glad you got it to work. The reason it took a lot of stores is because there are multiple memories for each frequency slot. LDG did this so as to accommodate for issues like a wet vs dry antenna or a rotating beam that may interact with surrounding conductive materials depending on the direction it is pointing. In most cases, more memories are better. Per the user manual, there are over 2,000 memories and they are referenced by an internal frequency counter when the radio is transmitting.

73,

Craig

On Tue, 5/31/16, rmckee1957@...m [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:

Subject: [LDG-auto-tuners] Z11 Pro2 manul memory store does work !
To: LDG-auto-tuners@yahoogroups.com
Date: Tuesday, May 31, 2016, 9:09 AM

Got some more time to play with the Z11 Pro2 this
weekend and finally got the manual memory store to actually
work. After doing a full tune and only getting down to
a 1.7: swr, I did the manual tune to tweak it down to a
1.1:1 and then did the manual store function. Next
memory tune it went right back to the 1.7:1 that it
originally found, so I did the manual tune and then manual
store function again. I actually had to do this about
6 or 7 times in a row before it finally took and then
actually used those settings in a memory tune. So I
went to the next band up, same routine - took 6 or 7 times
to get it to lock on and actually use those settings.
That was on 80 and 40 meters, then on to 30 meters and it
took 2 times to get it to lock onto and use the manual store
settings. On 20 it always tuned to a very low SWR, so
I skipped that band and went to 17 meters where it took 3
tries to get it to store the manual settings and all the
other bands took similar procedures. Don't know
why I had to "convince" the tuner those were the
settings I wanted it to use, but it sure was stubborn
about it ! But at least for now when I hit the tune
button, it does drop the swr to a very low value that my
Icom 706 Mk2's foldback circuit is happy with and now

allows full output as the 1.7:1 only allowed about 80% output. Not that I would really worry about the loss of 20 watts on my signal mind you, but if it caused the radio to decrease power, I do wonder about efficiency through the tuner.
KC8AON

7911. Re: [LDG-auto-tuners] Z11 Pro2 manul memory store does work !

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-05-31 16:05:27 UTC
From: rmckee1957@...
Topic: 7909 Message: 7911

---In LDG-auto-tuners@yahoogroups.com, <cpu_nut@...> wrote :

As I mentioned on another post, the tuner probably has a differing opinion of SWR because of the different SWR bridge locations, the tuner's vs your Rig or meter. There also could be a difference in calibration. <snip>
==========
Could be a calibration issue, but I check my meters calibration periodically using a 50 ohm dummy load that actually measures 50 ohms on my Simpson DMM. I have a couple of FWD/REF meters that I built but my favorite is actually a Radio Shack digital SWR/power meter that also reads 1:1 when connected to the 50 ohm load - not scientific by a long shot but the digital readout is handy since it has a fine resolution which displays suttle changes !

In any case, I am glad you got it to work. The reason it took a lot of stores is because there are multiple memories for each frequency slot. LDG did this so as to accommodate for issues like a wet vs dry antenna or a rotating beam that may interact with surrounding conductive materials depending on the direction it is pointing. In most cases, more memories are better. Per the user manual, there are over 2,000 memories and they are referenced by an internal frequency counter when the radio is transmitting. <snip>
==========
I kind of thought maybe that each frequency was storing several memory settings since it took that many tries to get it to actually use the settings I wanted it to use and the only time I've noticed a weather induced swr change was during ice and snow, rain doesn't seem to affect my antennas much. But allow me to ask a question. If the tuner is storing multiple settings for one frequency, shouldn't I be able to keep hitting the tune button until it arrives at the properly stored memory settings for that situation ? If so, it has never seemed to work that way because no matter how many times I push the tune button, it always seems to stop in the same place like its stored half a dozen memories of the same settings. But anyway, you are saying that since it took several tries to get it to store the settings I wanted was because I was filling up the memory slots or re-writing those slots with the info I wanted which does make sense.

I think I also need to look at the calibration of the foldback circuit on my Icom 706 too as it is really aggressive. It starts dropping power the very second the swr goes over 1.5:1 and at 1.7:1 its only doing about 80 watts. Most rigs I've had only started dropping power when the swr went above 2:1, but maybe the Icom is set that way for a reason I don't know about, it just seems too aggressive to me !

KC8AON

On Tue, 5/31/16, rmckee1957@... mailto:rmckee1957@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com mailto:LDG-auto-tuners@yahoogroups.com> wrote:

Subject: [LDG-auto-tuners] Z11 Pro2 manul memory store does work !
To: LDG-auto-tuners@yahoogroups.com mailto:LDG-auto-tuners@yahoogroups.com
Date: Tuesday, May 31, 2016, 9:09 AM

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weekend and finally got the manual memory store to actually
work. After doing a full tune and only getting down to
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1.1:1 and then did the manual store function. Next
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originally found, so I did the manual tune and then manual
store function again. I actually had to do this about
6 or 7 times in a row before it finally took and then
actually used those settings in a memory tune. So I
went to the next band up, same routine - took 6 or 7 times
to get it to lock on and actually use those settings.
That was on 80 and 40 meters, then on to 30 meters and it
took 2 times to get it to lock onto and use the manual store
settings. On 20 it always tuned to a very low SWR, so
I skipped that band and went to 17 meters where it took 3
tries to get it to store the manual settings and all the
other bands took similar procedures. Don't know
why I had to "convince" the tuner those were the
settings I wanted it to use, but it sure was stubborn
about it ! But at least for now when I hit the tune
button, it does drop the swr to a very low value that my
Icom 706 Mk2's foldback circuit is happy with and now
allows full output as the 1.7:1 only allowed about 80%
output. Not that I would really worry about the loss
of 20 watts on my signal mind you, but if it caused the
radio to decrease power, I do wonder about efficiency
through the tuner.
KC8AON

7912. Re: [LDG-auto-tuners] Z11 Pro2 manul memory store does work !

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-05-31 16:27:34 UTC
From: Craig
Topic: 7909 Message: 7912

To answer your question, the tuner overwrites the oldest memory on store but checks all on recall for what the tuner's internal SWR bridge shows as the best match.

73,

Craig

> On May 31, 2016, at 12:05 PM, "rmckee1957@gmail.com [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:
>
>
>
>
>
>
> ---In LDG-auto-tuners@yahoogroups.com, <cpu_nut@...> wrote :
>
> As I mentioned on another post, the tuner probably has a differing opinion of SWR because of the different SWR bridge locations, the tuner's vs your Rig or meter. There also could be a difference in calibration. <snip>
> ==========
> Could be a calibration issue, but I check my meters calibration periodically using a 50 ohm dummy load that actually measures 50 ohms on my Simpson DMM. I have a couple of FWD/REF meters that I built but my favorite is actually a Radio Shack digital SWR/power meter that also reads 1:1 when connected to the 50 ohm load - not scientific by a long shot but the digital readout is handy since it has a fine resolution which displays suttle changes !
>
> In any case, I am glad you got it to work. The reason it took a lot of stores is because there are multiple memories for each frequency slot. LDG did this so as to accommodate for issues like a wet vs dry antenna or a rotating beam that may interact with surrounding conductive materials depending on the direction it is pointing. In most cases, more memories are better. Per the user manual, there are over 2,000 memories and they are referenced by an internal frequency counter when the radio is transmitting. <snip>
> ==========
> I kind of thought maybe that each frequency was storing several memory settings since it took that many tries to get it to actually use the settings I wanted it to use and the only time I've noticed a weather induced swr change was during ice and snow, rain doesn't seem to affect my antennas much. But allow me to ask a question. If the tuner is storing multiple settings for one frequency, shouldn't I be able to keep hitting the tune button until it arrives at the properly stored memory settings for that situation ? If so, it has never seemed to work that way because no matter how many times I push the tune button, it always seems to stop in the same place like its stored half a dozen memories of the same settings. But anyway, you are saying that since it took several tries to get it to store the settings I wanted was because I was filling up the memory slots or re-writing those slots with the info I wanted which does make sense.
>

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>
> KC8AON
>
> ---
> On Tue, 5/31/16, rmckee1957@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:
>
> Subject: [LDG-auto-tuners] Z11 Pro2 manul memory store does work !
> To: LDG-auto-tuners@yahoogroups.com
> Date: Tuesday, May 31, 2016, 9:09 AM
>
>
>

> memory tune it went right back to the 1.7:1 that it
> originally found, so I did the manual tune and then manual
> store function again. I actually had to do this about
> 6 or 7 times in a row before it finally took and then
> actually used those settings in a memory tune. So I
> went to the next band up, same routine - took 6 or 7 times
> to get it to lock on and actually use those settings.
> That was on 80 and 40 meters, then on to 30 meters and it
> took 2 times to get it to lock onto and use the manual store
> settings. On 20 it always tuned to a very low SWR, so
> I skipped that band and went to 17 meters where it took 3
> tries to get it to store the manual settings and all the
> other bands took similar procedures. Don't know
> why I had to "convince" the tuner those were the
> settings I wanted it to use, but it sure was stubborn
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> button, it does drop the swr to a very low value that my
> Icom 706 Mk2's foldback circuit is happy with and now
> allows full output as the 1.7:1 only allowed about 80%
> output. Not that I would really worry about the loss
> of 20 watts on my signal mind you, but if it caused the
> radio to decrease power, I do wonder about efficiency
> through the tuner.
> KC8AON
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7914. Re: [LDG-auto-tuners] Z11 Pro2 manul memory store does work !

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-06-01 16:01:09 UTC
From: rmckee1957@...
Topic: 7909 Message: 7914

To answer your question, the tuner overwrites the oldest memory on store but checks all on recall for what the tuner's internal SWR bridge shows as the best match. <snip>

How many memory slots does it fill per frequency before it starts rewriting them ? And when doing a memory tune for that frequency, does it look for the best one stored or just take them in order they were stored ? In other words, say its got 6 memories stored for 3.823 mhz. Will it go to the best match for the moment or would I have to keep hitting the tune button to scroll through the stored settings until it gets a good match ? That's the way mine seems to work, because on some frequencies/bands it takes a few tries before it settles on a decent match even though I've used it on that frequency before.

Another thing I've noticed since I now have it storing good settings is that more than one problem has been solved !

1. It is now showing a near 1:1 match on both my external swr meter and the one built into the radio after doing a memory tune and the radio does full output.

2. After doing a memory tune, the swr no longer fluctuates as indicated before by the multiple LED flashes on the tuner, external swr meter, or the one built into the radio. Before I forced it tto store settings I wanted it to use, only the green LED would be illuminated during the low power tuneup (about 9 watts), but when modulating full power on SSB or CW, the swr would fluctuate on the both meters and also shown by all the LED's flashing along with the green one. But after getting it to store good settings as shown by the meters and the green LED, neither the meters or LED's fluctuate and it maintains a steady reading on power peaks.

3. I can now operate it with my off center fed dipole on frequencies where the swr is as high as 5:1 like 15 and 60 meters where the antenna is not designed to be used. In fact, on 60 meters it would time out before it could find a good match, but I could do a manual tune and now have it stored so tuneup is very quick on that band. On 15 meters it would settle on about a 2:1 on its own, but now through the manual tune and store I have it doing a 1.2:1.

KC8AON

7915. Re: [LDG-auto-tuners] Z11 Pro2 manul memory store does work !

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-06-01 19:12:13 UTC
From: Craig
Topic: 7909 Message: 7915

The number of memories per frequency slot varies by tuner. I don't have the quick answer but four is the minimum. On a memory tune it will go through all or until a match is found that meets the SWR threshold setting in the tuner per page 18 of the user manual. It is imaginable that if some of the memories are very close, one could be found to be the best one time vs another.

I'm glad you're having success and yes it sounds like your radio has a very sensitive roll-back threshold. Maybe download the service manual of the radio and see if you can raise the threshold some. 2.0:1 or a bit higher would seem more reasonable to me. However I would follow whatever the service manual indicates.

73,

Craig

> On Jun 1, 2016, at 12:01 PM, "rmckee1957@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:
>
>
>
> To answer your question, the tuner overwrites the oldest memory on store but checks all on recall for what the tuner's internal SWR bridge shows as the best match. <snip>
>
>
>
> How many memory slots does it fill per frequency before it starts rewriting them ? And when doing a memory tune for that frequency, does it look for the best one stored or just take them in order they were stored ? In other words, say its got 6 memories stored for 3.823 mhz. Will it go to the best match for the moment or would I have to keep hitting the tune button to scroll through the stored settings until it gets a good match ? That's the way mine seems to work, because on some frequencies/bands it takes a few tries before it settles on a decent match even though I've used it on that frequency before.
>
>
>
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>
> 1. It is now showing a near 1:1 match on both my external swr meter and the one built into the radio after doing a memory tune and the radio does full output.
>
>
>
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multiple LED flashes on the tuner, external swr meter, or the one built into the radio. Before I forced it tto store settings I wanted it to use, only the green LED would be illuminated during the low power tuneup (about 9 watts), but when modulating full power on SSB or CW, the swr would fluctuate on the both meters and also shown by all the LED's flashing along with the green one. But after getting it to store good settings as shown by the meters and the green LED, neither the meters or LED's fluctuate and it maintains a steady reading on power peaks.
>
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>
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>
> KC8AON
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7916. Memory Reset

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-06-02 05:28:00 UTC
From: ldgyahoo@...
Topic: 7916 Message: 7916

We've been over this many times. There is no rational for the ability to reset the tuner memories to a factory setting of zero. So unless you want us to change the memory settings to a fake reset like MFJ does to make people feel better for absolutely no reason, we're not going to make any changes.

As Craig has explained, the tuner does not need to reset the memory settings. The software takes care of that for you. On any tune, if the memory is not finding a correct match, the tuner does a full tune and then stores the new match in memory. It's always acting in the best interest of the user to find and store the best match.
Other than that, there are just a couple settings (peak/average, hi/lo power range, ect) that the user can change that are different from the factory settings. However, it's easy to change those settings at any time and has nothing to do with the tuner's performance.

So, for the last time, there is no reason to reset the tuner memories as the software takes care of that for you and better than you could do. In addition, you can bypass the software selected setting by requesting a full tune at any time and the tuner will ignore the saved match and find a new one.

Dwayne Kincaid
LDG

7917. ic7300 and ldg rt-600

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-06-04 22:51:36 UTC
From: k2mme@juno.com
Topic: 7917 Message: 7917

Hi
I can't seem to get the rt 600 working with an ic 7300. Thought the first tuner was dead out of the box but a second rt 600 does the same thing.....NOTHING....I think I am overlooking some thing obvious.
Sure could use some HELP.
Howie k2mme

_____
Living Tips
$3 Teeth Whitening Has Dentists Furious
http://thirdpartyoffers.juno.com/TGL3131/57535b94a28855b94640dst04vuc

7918. Re: ic7300 and ldg rt-600

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-06-05 13:32:30 UTC
From: Dennis Hohman
Topic: 7917 Message: 7918

Not much to go on so start with the simple.

Is the RC100 controller hooked to a 12 VDC source and is the red power light on?

Is the RC100 in line between the transceiver and the tuner?

Did you a apply a cw carrier from the transceiver to start the tuning process.

Does your radio show VSWR or do you have a an external SWR meter between the transceiver and the tuner that will indicate the amount of reflected power which should drop as the tuner does its thing?

If the above conditions are met it should tune but may take up to 20 seconds per frequency the first time around.

Dennis WA2TDE

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

[Non-text portions of this message have been removed]

7919. RC-100 Powered Off is NOT Pass-thru

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-06-05 13:39:00 UTC
From: cbjesseeNH@...
Topic: 7919 Message: 7919

I was doing an SWR sweep on a 6m 3-element Buddipole Yagi with the RC-100 Controller powered off and saw an unexpected SWR pattern on my WaveNode WN-2d. I took the RC-100 out of the circuit and saw an almost mirror image sweep. I guess the RC-100 is not Pass-Thru when powered OFF.

With RC-100
http://i29.photobucket.com/albums/c290/cbjesseeNH/6m%203%20Element%20Yagi%20SWR%20Sweep%2020W%20CW_zpsgflbwqdm.png http://i29.photobucket.com/albums/c290/cbjesseeNH/6m%203%20Element%20Yagi%20SWR%20Sweep%2020W%20CW_zpsgflbwqdm.png

http://i29.photobucket.com/albums/c290/cbjesseeNH/6m%203%20Element%20Yagi%20SWR%20Sweep%2020W%20CW_zpsgflbwqdm.png

http://i29.photobucket.com/albums/c290/cbjesseeNH... http://i29.photobucket.com/albums/c290/cbjesseeNH/6m%203%20Element%20Yagi%20SWR%20Sweep%2020W%20CW_zpsgflbwqdm.png

View on i29.photobucket.com http://i29.photobucket.com/albums/c290/cbjesseeNH/6m%203%20Element%20Yagi%20SWR%20Sweep%2020W%20CW_zpsgflbwqdm.png
Preview by Yahoo

Without RC-100
http://i29.photobucket.com/albums/c290/cbjesseeNH/6m%203%20Element%20Yagi%20SWR%20Sweep%2020W%20CW%20no%20RC-100_zpseugpz4t7.png http://i29.photobucket.com/albums/c290/cbjesseeNH/6m%203%20Element%20Yagi%20SWR%20Sweep%2020W%20CW%20no%20RC-100_zpseugpz4t7.png

http://i29.photobucket.com/albums/c290/cbjesseeNH/6m%203%20Element%20Yagi%20SWR%20Sweep%2020W%20CW%20no%20RC-100_zpseugpz4t7.png

http://i29.photobucket.com/albums/c290/cbjesseeNH... http://i29.photobucket.com/albums/c290/cbjesseeNH/6m%203%20Element%20Yagi%20SWR%20Sweep%2020W%20CW%20no%20RC-100_zpseugpz4t7.png

View on i29.photobucket.com http://i29.photobucket.com/albums/c290/cbjesseeNH/6m%203%20Element%20Yagi%20SWR%20Sweep%2020W%20CW%20no%20RC-100_zpseugpz4t7.png
Preview by Yahoo

7920. Re: [LDG-auto-tuners] RC-100 Powered Off is NOT Pass-thru

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-06-05 19:26:45 UTC
From: Joe
Topic: 7919 Message: 7920

Your antenna is showing an SWR at a certain point in the feedline.

I think this is what is happening. When you remove the RC-100 and associated jumpers/cables, it is going to change the reading that you get because you are moving the location of the meter in the line.

I would try this:
Put the RC-100 back in line and place the RC-100 first directly at the output of the transmitter. Then place the RC-100 directly at the input of the RC-100. I would bet that you will get different readings, depending on the length of the jumper that you are using between the transmitter and the RC_100.

Then put a good 50 ohm dummy load on the output of the RC-100. When you do this I would bet that the pass-thru works fine.

I think the antenna that is non-resonant at certain frequencies is causing your strange readings.

Joe

On 6/5/2016 9:39 AM, cbjesseeNH@... [LDG-auto-tuners] wrote:
>
>
> I was doing an SWR sweep on a 6m 3-element Buddipole Yagi with the
> RC-100 Controller powered off and saw an unexpected SWR pattern on my
> WaveNode WN-2d. I took the RC-100 out of the circuit and saw an almost
> mirror image sweep. I guess the RC-100 is not Pass-Thru when powered OFF.

7921. Re: [LDG-auto-tuners] RC-100 Powered Off is NOT Pass-thru

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-06-05 19:33:46 UTC
From: Joe
Topic: 7919 Message: 7921

Why is it that you always realize that you made a mistake (even after proof reading) one microsecond after you hit the send key..... here is the revised edition, hopefully correct this time. Joe

==========

Your antenna is showing an SWR at a certain point in the feedline.

I think this is what is happening. When you remove the RC-100 and associated jumpers/cables, it is going to change the reading that you get because you are moving the location of the meter in the line.

I would try this:
Put the RC-100 back in line and place the WaveNode WN-2d first directly at the output of the transmitter. Then place the WaveNode WN-2d directly at the input of the RC-100. I would bet that you will get different readings, depending on the length of the jumper that you are using between the transmitter and the RC_100.

Then put a good 50 ohm dummy load on the output of the RC-100. When you do this I would bet that the pass-thru works fine.

I think the antenna that is non-resonant at certain frequencies is causing your strange readings.

Joe
> On 6/5/2016 9:39 AM, cbjesseeNH@... [LDG-auto-tuners] wrote:
>>
>> I was doing an SWR sweep on a 6m 3-element Buddipole Yagi with the
>> RC-100 Controller powered off and saw an unexpected SWR pattern on my
>> WaveNode WN-2d. I took the RC-100 out of the circuit and saw an almost

7922. Z-100 Plus and Yaesu FT847

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-06-05 19:46:31 UTC
From: n9nau@...
Topic: 7922 Message: 7922

Has anybody connected the Z-100 Plus to the FT847?
What kind of interface cable is needed?
Are there any software changes need to be made to the FT847?
Thanks
N9NAU

7923. Re: RC-100 Powered Off is NOT Pass-thru

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-06-06 14:39:52 UTC
From: dennishohman@...
Topic: 7919 Message: 7923

You are correct, the RT-100 does not Pass-thru with power off. The relays latch at the last tune position when powered off. That is done to conserve DC power for portable work.

Dennis WA2TDE

7924. LDG Web Update

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-06-06 19:07:26 UTC
From: ldgyahoo@...
Topic: 7924 Message: 7924

Hello All,

Just a short update for a few changes happening. The LDG web site was upgraded to show the AL-100 and Z-817H to be discontinued. There are a few dealers that may have these models for a short period.

The file section in this newsgroup was updated with folders for schematics and firmware for LDG products. We'll eventually have all products in those folders, but we will be starting with the oldest first. A lot of editing still has to be done to the schematics and there is testing to make sure we have the correct firmware files from over 20 years of tuner building. This won't happen overnight, but we hope to have it all done this year.

Lastly, we'll be introducing two new Yaesu interface cables this summer. The YT-PAC-1200 will work with any of our generic tuners (Z-100Plus, Z-11ProII, AT-100ProII, AT-200ProII, AT-600ProII and AT-1000ProII) and the FT-450, 950 and 1200 series and the YT-PAC-3000 for our generic tuners and the FT-3000 radios.

That's it for now,

Dwayne Kincaid
LDG Electronics

7925. LDG Z100Plus and FT-8X7

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-06-07 10:44:06 UTC
From: f4fxh@...
Topic: 7925 Message: 7925

Hello,

I would like a tuner for a FT-857d.
I am thinking about YT100 and the Z100plus.
The possibility to power the Z100plus using extra internal batteries is a great functionality when portable operations
and it has very low power consumption.
I would like a tuner which control the transceiver to tune in low power.
Question:
Is the Z100plus connected to the transceiver using the jack-jack cable put the transceiver in low power when tuning ?

Nicolas F4FXH

7926. Re: [LDG-auto-tuners] LDG Z100Plus and FT-8X7

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-06-09 17:48:32 UTC
From: Michael Walker
Topic: 7925 Message: 7926

I have never connected any of my 4 LDG tuners interface cable and they all work just fine automatically.

All I do is hook up power and the RF cable and go from there.

Mike va3mw

On Tue, Jun 7, 2016 at 6:44 AM, f4fxh@yahoo.fr [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:

>
>
> Hello,
>
>
> I would like a tuner for a FT-857d.
>
> I am thinking about YT100 and the Z100plus.
>
> The possibility to power the Z100plus using extra internal batteries is a
> great functionality when portable operations
>
> and it has very low power consumption.
>
> I would like a tuner which control the transceiver to tune in low power.
>
> Question:
>
> Is the Z100plus connected to the transceiver using the jack-jack cable put
> the transceiver in low power when tuning ?
>
>
> Nicolas F4FXH
>
>
>

7927. Re: LDG Z100Plus and FT-8X7

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-06-16 14:42:02 UTC
From: rmckee1957@...
Topic: 7925 Message: 7927

Not familiar with using the cables with a Yaesu radio, but in my opinion, the more important aspect of a tuner is matching range and I would choose the one with the most matching range for versatilities sake !

kc8aon

7928. rt-11 hex code

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-06-17 04:07:28 UTC
From: kostas vassiliadis
Topic: 7928 Message: 7928

Hi all,

anyone can provide me with the hex code for my rt-11 (with PIC16F processor) which went kaputt?

73 de SV1IT Kostas

7929. rt-11 hex file

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-06-17 04:25:58 UTC
From: kosmvas@...
Topic: 7929 Message: 7929

Hi all,

I have an RT-11 with a faulty PIC16F processor. Can anybody send me the hex code for it so I can program a new blank PIC16F?

best 73

Kostas SV1IT

7930. Re: LDG Z100Plus and FT-8X7

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-06-19 11:38:58 UTC
From: larrylb@...
Topic: 7925 Message: 7930

I have a Z-100 plus and I use the "tuner to Radio" interface cable the one I have is short I added a longer stereo cable with a 1/8 inch stereo socket on one end
and a 1/8 inch stereo plug on the other. all I have to do is push the "TUNE" button on the LDG Z-100+ the radio goes to AM 25 watts, the display on the radio does not change from USB/LSB to AM but the LEDS on the tuner show the lower power level. I like the battery option
as well when operating portable one less current pull from my radio's battery.
I also like being able use the tuner with my QRP equipment if I had a dedicated tuner I could only
use it with my FT-857D.

LARRY KB8EMD

7931. New file uploaded to LDG-auto-tuners

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-06-21 18:50:13 UTC
From: LDG-auto-tuners@yahoogroups.com
Topic: 7066 Message: 7931

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the LDG-auto-tuners
group.

File : /LDG-100 Icom Mouser -- Molex cnctr & pins intfc cable.rtf
Uploaded by : n6med@... <n6med@...>
Description : Mouser catalog info for male & female Molex connectors for making an
extension cable for Icom radio

You can access this file at the URL:
https://groups.yahoo.com/neo/groups/LDG-auto-tuners/files/LDG-100%20Icom%20Mouser%20--%20M
olex%20cnctr%20%26%20pins%20intfc%20cable.rtf

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

n6med@... <n6med@...>

7932. LDG IT-100 Icom control cable extension

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-06-21 18:52:59 UTC
From: n6med@...
Topic: 7932 Message: 7932

I have uploaded a file with Mouser and Molex part numbers for male and female connectors and pins. You can use this info to fabricate an extension cable for your Icom.
Regards to all
-- Jim / N6MED

7933. Peak Hold adjustment for M-600?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-06-26 16:22:21 UTC
From: bradm75@...
Topic: 7933 Message: 7933

Does anyone know if there's a way to adjust the Peak Hold time on the M-600? I'd like to reduce the hold time by just a millisecond or two.

73,
Brad KA3YAN

7934. Tuning with FM Mode

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-06-26 20:14:47 UTC
From: billnopic@...
Topic: 7934 Message: 7934

Stupid question number 42 Hi Hi
Is there anything wrong with using FM mode to initiate a tune on a LDG Tuner?
Specifically an RT-600??

Any benefit using CW or AM?

I am under the impression all modes would work?

Thanks
73
Bill
W4WCS

7935. Re: [LDG-auto-tuners] Tuning with FM Mode

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-06-26 21:37:47 UTC
From: Craig
Topic: 7934 Message: 7935

There is no issue using FM to tune, just be mindful of the tune power limitations. Most, if not all, radios will transmit full power on FM and CW, whereas they transmit a lower (when not modulated) power when in the AM mode.

So if you typically have tuned using AM, the power from the radio may be higher in CW or FM mode and just make sure the power output is acceptable for tuning per the user manual.

73, Craig

> On Jun 26, 2016, at 4:14 PM, "billnopic@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:
>
>
>
> Stupid question number 42 Hi Hi
> Is there anything wrong with using FM mode to initiate a tune on a LDG Tuner?
> Specifically an RT-600??
>
> Any benefit using CW or AM?
>
> I am under the impression all modes would work?
>
> Thanks
> 73
> Bill
> W4WCS
>
>
>
>
>

7936. Re: [LDG-auto-tuners] Tuning with FM Mode

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-06-26 21:46:55 UTC
From: billnopic@...
Topic: 7934 Message: 7936

Thanks Craig,
I always drop power to 5 watts to tune.

73
Bill
W4WCS

7937. LDG Z11 Pro 2 excessive tuning after match

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-06-27 02:58:56 UTC
From: ku4pt@...
Topic: 7937 Message: 7937

I bought a Z11 Pro 2 and the matching cable about a week ago to use at field day with an Icom 706.

Played with it several days at the house using my OCF antenna and it seemed to work fine on 40 meters
Took it to field day and was operating mainly on 20 meters to an ocf antenna that is about 130 feet long. The antenna checked out very well with a MFJ antenna analyzer.

I would press the tune button on either it or the the 706 and it would find a match and the correct led would be on. When I started talking on ssb it would sometimes start autotuning on its own. Made it unusable. I did find if I pulled the power plug out after I did a manual tune it would stay locked in like it is suppose to.

I thought it may be possiable that one of the other 3 transmitters that were in the same area could be tripping it to another band when they started transmitting and the antenna was picking up enough signal to fool it. Got home and using another OCF antenna and it would do the same thing.

Anyone else notice this ?

7938. Re: [LDG-auto-tuners] LDG Z11 Pro 2 excessive tuning after match

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-06-27 03:49:48 UTC
From: cpu_nut
Topic: 7937 Message: 7938

You might want to change the auto tune threshold to a higher SWR which is described in the user manual. I think this will solve your problem.

73, Craig

On Sun, 6/26/16, ku4pt@yahoo.com [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:

Subject: [LDG-auto-tuners] LDG Z11 Pro 2 excessive tuning after match
To: LDG-auto-tuners@yahoogroups.com
Date: Sunday, June 26, 2016, 10:58 PM

I bought a Z11 Pro 2 and the matching cable about a
week ago to use at field day with an Icom
706.
Played with it several days at the house
using my OCF antenna and it seemed to work fine on 40
metersTook it to field day and was
operating mainly on 20 meters to an ocf antenna that is
about 130 feet long. The antenna checked out very well
with a MFJ antenna analyzer.
I would press the tune button on either
it or the the 706 and it would find a match and the correct
led would be on. When I started talking on
ssb it would
sometimes start autotuning on its own. Made it
unusable. I did find if I pulled the power plug out
after I did a manual tune it would stay locked in like it is
suppose to.
I thought it
may be possiable that one of the other 3 transmitters that
were in the same area could be tripping it to another band
when they started transmitting and the antenna was picking
up enough signal to fool it. Got home and using
another OCF antenna and it would do the same thing.

Anyone else
notice this ?

7939. Re: LDG Z11 Pro 2 excessive tuning after match

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-06-27 11:31:28 UTC
From: rmckee1957@...
Topic: 7937 Message: 7939

Yep, noticed it several times with both the Z11 Pro and a Z11 Pro 2 ! Just part of the way these things seems to work !

kc8aon

7940. Re: [LDG-auto-tuners] Re: LDG Z11 Pro 2 excessive tuning after match

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-06-27 11:50:21 UTC
From: Craig
Topic: 7937 Message: 7940

Per my post yesterday. Just change the auto tuning threshold per page 18 of the user manual.

http://www.ldgelectronics.com/assets/manuals/Z-11ProIIManual.pdf

> On Jun 27, 2016, at 7:31 AM, "rmckee1957@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:
>
>
>
> Yep, noticed it several times with both the Z11 Pro and a Z11 Pro 2 ! Just part of the way these things seems to work !
>
>
>
> kc8aon
>
>
>
>

7941. Re: [LDG-auto-tuners] Re: LDG Z11 Pro 2 excessive tuning after match

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-06-27 17:10:35 UTC
From: ku4pt@...
Topic: 7937 Message: 7941

Thanks much, That seems to have solved the problem back at the house anyway.

I don't know what LDG sets it at at the factory, but I had set it for the least amount of SWR. I reset it to the second lowest and transmitted on it a bit into several antennas and when it found a match it never retuned. By mistake I even loaded my triband beam up on 80 meters with the LDG and it found a match and never retuned.

I have been a ham for many years and got my first class radiotelophone license around 1973. Used many manual tuners, but the only other automatic tuner I have used was the one built into the Icom 746 pro and it never acted this way. Guess they set the thresh hold high enough to prevent excessive tuning.

I also set my 706 and LDG to several bands and used my Icom 746 pro on another wire antenna that is at right angles to the 706 antenna and about 15 feet below it. That did not seem to cause any problems. I had thoght that at field day the antennas being only about 100 feet apart or less might have caused the LDG to pick up enough signal on a band it was not tuned to cause a problem, but probably not from the tests I have ran.

7942. Re: [LDG-auto-tuners] Re: LDG Z11 Pro 2 excessive tuning after match

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-06-27 19:53:19 UTC
From: Craig
Topic: 7937 Message: 7942

I figured that would help and am glad it did. It's nice that LDG allows that setting to be tweaked.

73, Craig

> On Jun 27, 2016, at 1:10 PM, "ku4pt@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:
>
>
>
> Thanks much, That seems to have solved the problem back at the house anyway.
>
> I don't know what LDG sets it at at the factory, but I had set it for the least amount of SWR. I reset it to the second lowest and transmitted on it a bit into several antennas and when it found a match it never retuned. By mistake I even loaded my triband beam up on 80 meters with the LDG and it found a match and never retuned.
>
> I have been a ham for many years and got my first class radiotelophone license around 1973. Used many manual tuners, but the only other automatic tuner I have used was the one built into the Icom 746 pro and it never acted this way. Guess they set the thresh hold high enough to prevent excessive tuning.
>
> I also set my 706 and LDG to several bands and used my Icom 746 pro on another wire antenna that is at right angles to the 706 antenna and about 15 feet below it. That did not seem to cause any problems. I had thoght that at field day the antennas being only about 100 feet apart or less might have caused the LDG to pick up enough signal on a band it was not tuned to cause a problem, but probably not from the tests I have ran.
>
>
>
>
>

7943. Re: [LDG-auto-tuners] Re: LDG Z11 Pro 2 excessive tuning after match

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-06-28 11:32:30 UTC
From: rmckee1957@...
Topic: 7937 Message: 7943

The way I figure it, any auto tuner should not tune unless its being told to do so, this would eliminate a lot of problems ! But then I guess it would be called a "semi-auto tuner" !

kc8aon

7944. RE: [LDG-auto-tuners] Re: LDG Z11 Pro 2 excessive tuning after match

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-06-28 12:13:36 UTC
From: Thomas Chesek
Topic: 7937 Message: 7944

I have both the Z-11PROII and the AT-1000ProII and they both can be configured for “automatic” or “semi-automatic” mode. The LDG tuners are versatile but there is a learning curve as with most modern equipment with digital control technology.

Tom K3TVC

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com]
Sent: Tuesday, June 28, 2016 07:33
To: LDG-auto-tuners@...m

Subject: Re: [LDG-auto-tuners] Re: LDG Z11 Pro 2 excessive tuning after match

The way I figure it, any auto tuner should not tune unless its being told to do so, this would eliminate a lot of problems ! But then I guess it would be called a "semi-auto tuner" ! <https://s.yimg.com/ok/u/assets/img/emoticons/emo2.gif>

kc8aon

7945. Re: [LDG-auto-tuners] Re: LDG Z11 Pro 2 excessive tuning after match

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-06-28 12:25:02 UTC
From: Craig
Topic: 7937 Message: 7945

Indeed LDG does call it "semi-automatic" mode (read the manual!) and I'm glad they have added features and threshold adjustments so that the user can customize the tuner's performance.

Craig

> On Jun 28, 2016, at 7:32 AM, "rmckee1957@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:
>
>
>
> The way I figure it, any auto tuner should not tune unless its being told to do so, this would eliminate a lot of problems ! But then I guess it would be called a "semi-auto tuner" !
>
>
>
> kc8aon
>
>
>
>

7946. Re: [LDG-auto-tuners] Re: LDG Z11 Pro 2 excessive tuning after match

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-06-28 13:19:18 UTC
From: Leonard K. Pennock (AD7AS)
Topic: 7937 Message: 7946

LDG tuners have the semi mode also.
--
Leonard K. Pennock (AD7AS)

On June 28, 2016 4:32:30 AM MST, "rmckee1957@... [LDG-auto-tuners]"
<LDG-auto-tuners@yahoogroups.com> wrote:
>The way I figure it, any auto tuner should not tune unless its being
>told to do so, this would eliminate a lot of problems ! But then I
>guess it would be called a "semi-auto tuner" !
>
>
> kc8aon

7947. Re: [LDG-auto-tuners] Re: LDG Z11 Pro 2 excessive tuning after match

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-06-28 14:53:37 UTC
From: Ralph Mowery
Topic: 7937 Message: 7947

There is a learning curve with this tuner. For my internal tuner of the Icom 746 pro there did not seem to be the learning curve. It tuned and stayed tuned. The LDG did not seem to want to do that. I think I messed up when I read the manual and set the 'thresh hold' to the lowest value. Not sure what LDG had it set for .
I bought this tuner to take to Field day and only had it a few days to learn how to use it. I have a manual tuner that I had been using,but as a number of people would be using the station I wanted something that was fully automatic.
I think after setting the tuner for a higher retune SWR thanks to the help here it seems to find a spot and quits tuning.

From: "'Thomas Chesek' tchesek@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com>
To: LDG-auto-tuners@yahoogroups.com
Sent: Tuesday, June 28, 2016 8:13 AM
Subject: RE: [LDG-auto-tuners] Re: LDG Z11 Pro 2 excessive tuning after match

  I have both the Z-11PROII and the AT-1000ProII and they both can be configured for “automatic” or “semi-automatic” mode. The LDG tuners are versatile but there is a learning curve as with most modern equipment with digital control technology. Tom K3TVC

7948. IT-100 Bypass

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-07-04 14:32:46 UTC
From: philip.g7jur@...
Topic: 7948 Message: 7948

I have a IT-100 connected to my IC-7300.
When I power down my radio does the tuner go into bypass, or do I have to do this manually.
Philip g7jur

7949. Re: IT-100 Bypass

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-07-06 11:16:38 UTC
From: larrylb@...
Topic: 7948 Message: 7949

Hello Philip

I have two LDG tuners and neither goes into bypass when I shut off my radios.
I doubt that the IT100 does.

one of my tuners has two antenna inputs the tuner stays connected to the last antenna
I used be it beam or dipole and the latching relays stay in their last state when I turn off
the radio.

LARRY KB8EMD

7950. Re: IT-100 Bypass

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-07-13 11:17:55 UTC
From: rmckee1957@...
Topic: 7948 Message: 7950

The LDG Z11 Pro2 remains tuned when powered down due to the latching relays.

7951. Re: [LDG-auto-tuners] Re: LDG Z11 Pro 2 excessive tuning after match

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-07-13 19:48:50 UTC
From: Alex Netherton
Topic: 7937 Message: 7951

An autotuner is designed to tune when it detects a mismatch. LDG's, I think, can be set to only tune when you press the "tune" button, but this rather defeats the purpose. A mismatch that goes unnoticed can, even on modern rigs, cause some very expensive smoke. The autotuner is supposed to stop that from happening. My 3 autotuners go through a tune cycle if I go to a frequency I haven't been on in a while. Plus, my antenna is a 102' center fed (balun at the tuner), and the trees can detune it. My AT-600 Pro II will get very fussy sometimes, but it usually gets there in a few seconds.

The other thing is to do as I was doing for a while; I had an old Heath SA-2040, and that thing (still have it) is a hoss. I recorded band segments and settings, and could roll the inductor and tweak the capacitors to get the best match on any band, just had to find it in my book first. It could take a minute or two to get my shack tuned on a DX station, sometimes longer, especially if I had to tune the SB-200. I was fairly happy til I was chasing DX one day and when I got back after tuning up, the DX was gone. After this happened a few times, I switched to the AT-600 Pro II. I have not gone back. Shoot 10 watts through it, let it tune (less than 10 seconds usually, often it just says "ker-klung!"), and I am there, ready to jostle with the big boys. I have a better than 90% success rate on pileups...

73 de W5ALX
Alex Netherton
Asheville, Buncombe County NC, US EM85ro
http://blueridgediscovery.org

On 6/28/2016 7:32 AM, rmckee1957@... [LDG-auto-tuners] wrote:
>
> The way I figure it, any auto tuner should not tune unless its being
> told to do so, this would eliminate a lot of problems ! But then I
> guess it would be called a "semi-auto tuner" !
>
>
> kc8aon
>
>

7952. LDG Z-100 Autotuner to a Yaesu FT-857D

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-07-15 00:24:47 UTC
From: Alan James
Topic: 7952 Message: 7952

I recently acquired an LDG Z-100 Autotuner but need: 1) the interface to the Yaesu FT-857D which has both power and the FT-857D control cable together. 2) I also need the tune knob which is missing on the Z-100. Does anyone know where I can obtain these two items? I have tried LDG and Ebay so far with no luck. Thanks in advance for any help you can give me on this. Alan - KZ6B

7953. M-600 Locked Up?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-07-15 23:35:13 UTC
From: jkuben@...
Topic: 7953 Message: 7953

Just received an M-600 from DX Engineering today, hooked it up and it worked FB. Then I decided to do the full scale calibration. The meter was right where it should be, no adjustment necessary and I pressed Peak to return to the normal mode. It is now locked up and stuck on 600, Peak, and SWR. It appears to be working but I just can't change anything. Is there something I am missing?

Thanks and 73,

Joe kf5lw

7954. Re: [LDG-auto-tuners] M-600 Locked Up?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-07-16 00:19:17 UTC
From: Craig
Topic: 7953 Message: 7954

This is probably too simple, but maybe remove power and tap on the meter near the adjustment screw? Maybe it went over range and the needle stuck on the stop. Please let us know if that works.

73, Craig

> On Jul 15, 2016, at 7:35 PM, jkuben@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:
>
>
>
> Just received an M-600 from DX Engineering today, hooked it up and it worked FB. Then I decided to do the full scale calibration. The meter was right where it should be, no adjustment necessary and I pressed Peak to return to the normal mode. It is now locked up and stuck on 600, Peak, and SWR. It appears to be working but I just can't change anything. Is there something I am missing?
>
>
> Thanks and 73,
> Joe kf5lw
>
>
>
>
>

7955. Re: [LDG-auto-tuners] M-600 Locked Up?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-07-16 15:46:23 UTC
From: jkuben@...
Topic: 7953 Message: 7955

Thanks for the response Craig. The needle was not stuck and it appeared to be functioning properly because it moved on SWR. The problem was that none of the 3 buttons would work. The device was stuck at 600, Peak, SWR.

Notice I am using past tense because this morning, after power had been off all night, it began working correctly. So you were right about taking power off. I tried that several times yesterday but apparently I didn't have it off long enough. I'm glad I did the full scale calibration but I'll not check it again.

73, Joe

7956. LDG AT-1000 Pro-II (No turn ON)

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-07-16 16:46:37 UTC
From: mike@...
Topic: 7956 Message: 7956

At times my AT-1000 Pro-II will not turn on.
(The POWER button has no action.)

I can resolve this by removing the DC power momentarily, then re-applying the DC power feed to the DC input connector on the rear of the tuner. ALWAYS, after this DC power-feed interruption, the tuner will power on and operate as normal IN ALL WAYS, including power on and off.

What can I do do resolve this condition? It happens on a very unpredictable basis, but more probably after the tuner has been OFF for several hours. -Sometimes...

Thank you and 73; Mike, K0JTA

7957. Re: [LDG-auto-tuners] LDG AT-1000 Pro-II (No turn ON)

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-07-16 22:42:48 UTC
From: Ken Bandy
Topic: 7956 Message: 7957

I have the opposite problem sometimes with mine. At times, the buttons on the panel will be non-responsive. I normally notice this during an operating session, when I need to force a tune. I just attribute it to RF. Removing the power always resets it, as you have found.

73,
Ken, KJ9B

Sent from my iPhone

> On Jul 16, 2016, at 12:46, mike@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:
>
>
>
> At times my AT-1000 Pro-II will not turn on.
> (The POWER button has no action.)
>
>
> I can resolve this by removing the DC power momentarily, then re-applying the DC power feed to the DC input connector on the rear of the tuner. ALWAYS, after this DC power-feed interruption, the tuner will power on and operate as normal IN ALL WAYS, including power on and off.
>
>
>
> What can I do do resolve this condition? It happens on a very unpredictable basis, but more probably after the tuner has been OFF for several hours. -Sometimes...
>
>
>
> Thank you and 73; Mike, K0JTA
>
>
>
>

7958. Re: [LDG-auto-tuners] LDG AT-1000 Pro-II (No turn ON)

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-07-17 16:05:09 UTC
From: mike@...
Topic: 7956 Message: 7958

Yes, your situation is very different from mine, Ken!

Another had emailed me (Vince K7NA) who had the same issue as mine, but in his case, he had resolved the problem by employing a small 1.2 amp power supply. (Previously, he had powered his AT-1000 ProII from the same 35 amp supply that powered his radio and also with a small 13.8 volt, half-amp supply)

So, I am going to experiment by adjusting my power supply that feeds other items, such as my HF radios; -I have increased the voltage from the (preset/indicated) 13.8 to about 14.25 volts. -In other words, just enough for a change. I will see if this makes a change as time goes on.

Aside from the power supply selection/choice, is there a better fix?

Thank you Vince and Ken, and 73! Mike, K0JTA

---In LDG-auto-tuners@yahoogroups.com, <ken.kj9b@...> wrote :

I have the opposite problem sometimes with mine. At times, the buttons on the panel will be non-responsive. I normally notice this during an operating session, when I need to force a tune. I just attribute it to RF. Removing the power always resets it, as you have found.
73, Ken, KJ9B
Sent from my iPhone
On Jul 16, 2016, at 12:46, mike@... mailto:mike@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com mailto:LDG-auto-tuners@yahoogroups.com> wrote:

At times my AT-1000 Pro-II will not turn on.
(The POWER button has no action.)

I can resolve this by removing the DC power momentarily.....ALWAYS, after this DC power-feed interruption, the tuner will power on and operate as normal IN ALL WAYS, including power on and off.

Thank you and 73; Mike, K0JTA

7959. M-1000 meter

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-07-18 00:03:10 UTC
From: nn8b.oh@...
Topic: 7959 Message: 7959

Just received an M-1000 meter for the AT-1000ProII tuner and
it sticks below zero when power is removed from above 300 watts.
I have to tap it to release the needle. I do not see a stop on the
movement or a way to get into the movement to add one.

Is this a warranty issue?

73
Don, NN8B

7960. Re: [LDG-auto-tuners] M-1000 meter

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-07-18 02:00:16 UTC
From: Neal Pollack
Topic: 7959 Message: 7960

Its a quality issue. Mine does the same thing. There should have been a needle stop or a capacitor to slow the return to zero.

Quality is not something found in much of the ham industry. Check out my bio page on qrz.com.

Neal
N6YFM

On Jul 17, 2016 6:15 PM, "nn8b.oh@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:

>
>
> Just received an M-1000 meter for the AT-1000ProII tuner and
>
> it sticks below zero when power is removed from above 300 watts.
>
> I have to tap it to release the needle. I do not see a stop on the
>
> movement or a way to get into the movement to add one.
>
>
> Is this a warranty issue?
>
>
> 73
>
> Don, NN8B
>
>

7961. Help me decide between 2 ATUs

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-07-18 09:21:33 UTC
From: gerrykav@...
Topic: 7961 Message: 7961

Hi have the option to buy an AT1000 second-hand for a pretty reasonable price, with assurances as to its condition, or an AT600 ProII brand new. Whatever I get will be used to load up a full wave 80m loop fed by twinlead back to a heavy-duty 4:1 balun with a 10' jumper of LMR400 back to the tuner. I will be using an Ameritron AH811 driven to about 500w.

So, which would be the better choice? The AT1000 without warranty but better power handling or the At600 with less power handling, but newer software and a 2 year warranty. They both cost within 20% of each other.

Any advice would be appreciated.
Regards
Gerry

7962. RE: [LDG-auto-tuners] Help me decide between 2 ATUs

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-07-18 17:47:09 UTC
From: Thomas Chesek
Topic: 7961 Message: 7962

That is a hard call to make. I would say to save up some more money and buy a new AT-1000ProII. It is always better off having greater reserve/capability than to walk on the edge. I don’t know what the AT-1000 can’t do that the AT-1000ProII does so maybe someone else can shed some light on if it makes much of a difference between the two versions.

Tom K3TVC

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com]
Sent: Monday, July 18, 2016 05:22
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Help me decide between 2 ATUs

Hi have the option to buy an AT1000 second-hand for a pretty reasonable price, with assurances as to its condition, or an AT600 ProII brand new. Whatever I get will be used to load up a full wave 80m loop fed by twinlead back to a heavy-duty 4:1 balun with a 10' jumper of LMR400 back to the tuner. I will be using an Ameritron AH811 driven to about 500w.

So, which would be the better choice? The AT1000 without warranty but better power handling or the At600 with less power handling, but newer software and a 2 year warranty. They both cost within 20% of each other.

Any advice would be appreciated.

Regards

Gerry

7963. IT-100 on its own

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-07-18 21:07:28 UTC
From: philip.g7jur@...
Topic: 7963 Message: 7963

Is it possible to power the IT-100 from 12 Volts. And use it on its own.
As a stand alone unit on any radio.
Philip g7jur

7964. Re: [LDG-auto-tuners] Help me decide between 2 ATUs

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-07-18 18:25:06 UTC
From: Ralph Mowery
Topic: 7961 Message: 7964

If the fellow is local and you can try it out for a week or so and the price is less than the 600 I would go with the at1000.
My way of looking at used gear is think of what it would cost to get it repaired for a not too major of a breakdown. Then subtract that from the cost. For the tuner if the used 1000 was less than the new 600 I would go for the 1000. If more, I would go with the 600.
  Right now the 1000 pro 2 is about $ 130 to $ 140 more new than the new 600.
One other thing, how is your operating habits ? Are you on the air once a week, once a day, or once a month ? If almost every day, then go with the new equipment. If like me and not on very often or would not use the tuner very often, then used is probably ok. I have a tuner,but the bands I operate on the most I don't need to use it.

From: "gerrykav@yahoo.co.uk [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com>
To: LDG-auto-tuners@yahoogroups.com
Sent: Monday, July 18, 2016 5:21 AM
Subject: [LDG-auto-tuners] Help me decide between 2 ATUs

Hi have the option to buy an AT1000 second-hand for a pretty reasonable price, with assurances as to its condition, or an AT600 ProII brand new. Whatever I get will be used to load up a full wave 80m loop fed by twinlead back to a heavy-duty 4:1 balun with a 10' jumper of LMR400 back to the tuner. I will be using an Ameritron AH811 driven to about 500w.
So, which would be the better choice? The AT1000 without warranty but better power handling or the At600 with less power handling, but newer software and a 2 year warranty. They both cost within 20% of each other.
Any advice would be appreciated.RegardsGerry

7965. Re: [LDG-auto-tuners] Help me decide between 2 ATUs

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-07-18 14:57:49 UTC
From: Herb Snapp
Topic: 7961 Message: 7965

I have an AT-1000 which has worked well for me. I bought it several years back and have no problems.
Herb

Sent from my iPad

> On Jul 18, 2016, at 4:21 AM, gerrykav@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:
>
> Hi have the option to buy an AT1000 second-hand for a pretty reasonable price, with assurances as to its condition, or an AT600 ProII brand new. Whatever I get will be used to load up a full wave 80m loop fed by twinlead back to a heavy-duty 4:1 balun with a 10' jumper of LMR400 back to the tuner. I will be using an Ameritron AH811 driven to about 500w.
>

>
>
> So, which would be the better choice? The AT1000 without warranty but better power handling or the At600 with less power handling, but newer software and a 2 year warranty. They both cost within 20% of each other.
>

>
>
> Any advice would be appreciated.
>
> Regards
>
> Gerry
>
>

7966. Re: [LDG-auto-tuners] Help me decide between 2 ATUs

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-07-19 13:11:44 UTC
From: gerrykav@...
Topic: 7961 Message: 7966

Thanks... it has taken me some time to save for this already though, and the difference in price here (Ireland) is substantial.

7967. Re: [LDG-auto-tuners] Help me decide between 2 ATUs

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-07-19 13:16:18 UTC
From: gerrykav@...
Topic: 7961 Message: 7967

Hi... Not local, unfortunately. He's in the US and I am in Ireland. A new AT1000 ProII is more than 2x an AT600 ProII... they are nearly $1000, whereas the AT600 is about $650. I take your point though, the headroom would be comforting.
Depending on the repair, I could likely do it myself. Certainly if it was a fried relay or capacitor.
I think I will wait another few weeks before I make a decision.
Thanks
Gerry

7968. Re: [LDG-auto-tuners] Help me decide between 2 ATUs

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-07-18 13:53:19 UTC
From: Ed - AD7GR
Topic: 7961 Message: 7968

Gerry,
IMO. For use with a loop you will need a tuner with a broader tuning range... a balanced tuner or something like the PalStar AT2K I am using on my HB 80M Doublet.

73,
Ed - ad7gr
skcc #30T
www.edliko.net

On 7/18/2016 2:21 AM, gerrykav@... [LDG-auto-tuners] wrote:
> [snip] Whatever I get will be used to load up a full wave 80m loop fed
> by twinlead ...

7969. Re: [LDG-auto-tuners] M-1000 meter

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-07-19 23:43:44 UTC
From: ldgyahoo@...
Topic: 7959 Message: 7969

Neal, that is absolutely incorrect. The meter does have a rubber bumper stop and it is controlled by software, not a capacitor.

We're looking into the issue to see if it's shipping that causes the bumper to move and then causing the meter to stick. The number of people that have this issue is quite small, so we're not sure if it's a production issue.

Dwayne Kincaid
LDG

7970. Re: Help me decide between 2 ATUs

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-07-20 00:33:41 UTC
From: VE3LKI
Topic: 7961 Message: 7970

If memory serves me, and it often slips these days, the power ratings on LDG tuners is PEAK power.

If you plan on running a full 500W, I would opt for the 1000w unit and preferably a new one.

Folks at LDG are generally very good at standing by their products, and with a used unit, you don't have that same assurance.

73

Michael

VA3UY

7971. Re: [LDG-auto-tuners] IT-100 on its own

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-07-20 05:36:50 UTC
From: Ramon
Topic: 7963 Message: 7971

I would be much interested in this possibility too.
TIARamon ve7rvs
Sent from Yahoo Mail on Android

On Mon, Jul 18, 2016 at 2:07 PM, philip.g7jur@...
[LDG-auto-tuners]<LDG-auto-tuners@yahoogroups.com> wrote:
Is it possible to power the IT-100 from 12 Volts. And use it on its own.
As a stand alone unit on any radio.
Philip g7jur

7972. Re: [LDG-auto-tuners] IT-100 on its own

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-07-20 06:54:02 UTC
From: Tony Magon
Topic: 7963 Message: 7972

Hi Philip

You can contact Dwayne Kincaid at LDG at this email

ldgyahoo@ldgelectronics.com

He will be able to give you the info on what pin numbers are 12 volt and ground.

I have a second hand AT-100, and sent an email to Dwayne

He was very helpful

73

Tony VK2IC

On Wed, Jul 20, 2016 at 3:36 PM, Ramon ve7rvs@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:

>
>
> I would be much interested in this possibility too.
>
> TIA
> Ramon ve7rvs
>
> Sent from Yahoo Mail on Android
> <https://overview.mail.yahoo.com/mobile/?.src=Android>
>
>
>
> Is it possible to power the IT-100 from 12 Volts. And use it on its own.
> As a stand alone unit on any radio.
> Philip g7jur
>
>
>
>

7973. Re: [LDG-auto-tuners] IT-100 on its own

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-07-20 05:50:25 UTC
From: markc@...
Topic: 7963 Message: 7973

Yes, it's possible.

http://prnewell.com/kc2wi/ Icom_tune_control/index.htm
http://prnewell.com/kc2wi/Icom_tune_control/index.htm and http://www.ldgelectronics.com/assets/manuals/IT- 100Manual.pdf
http://www.ldgelectronics.com/assets/manuals/IT-100Manual.pdf (page 13) have the info you need.

+12V on DIN-6 pin 1 (Red), GND on DIN-6 pin 4 (Black), and short DIN-6 pin 6 (Green) to GND to tune, if I remember correctly. Colors from the IT-100 manual.

7974. Re: Help me decide between 2 ATUs

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-07-20 09:13:39 UTC
From: gerrykav@...
Topic: 7961 Message: 7974

Despite the substantial pricing difference, I am kind of in agreement. It will delay things quite a bit while I save more money, but I guess it will pay off when I don't smoke the thing on the first key-down. Thanks
Gerry

7975. Re: [LDG-auto-tuners] IT-100 on its own

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-07-25 23:04:14 UTC
From: vk7ro@...
Topic: 7963 Message: 7975

Many thanks Tony VK2IC for the email address for Dwayne. I have sent a couple of emails to support at LDG and received no reply. An email to Dwayne was replied to immediately with the offer of a free replacement microprocessor for a faulty IT-100.

7976. Z-11ProII Manual Tune - Cannot

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-07-27 11:41:14 UTC
From: cbjesseeNH@...
Topic: 7976 Message: 7976

As per manual p12, I press TUNE once momentarily:
1. Left Green and Right RED LEDs light and Left GREEN goes out
2. All LEDs blink once

I press Tune again momentarily:
1. Same as above

I don't get the 3 blinks to indicate Bypass.

When I Long Press Tune for 2sec, outer LEDs light, Inner LEDs light, then far Right Tune LED blinks once. It happens on all bands. I cannot initiate manual tune.

What might I be missing?

Thanks, 73s,

Bret/KC1CJN

7977. Re: Z-11ProII Manual Tune - Cannot

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-07-27 12:21:08 UTC
From: rmckee1957@...
Topic: 7976 Message: 7977

What radio ?

Using interface cable or not ?

If not using control cable, you must apply RF manually by PTT or CW key press.

KC8AON

7978. z100 problems in 10m band

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-07-31 13:37:56 UTC
From: Javier Ebay
Topic: 7978 Message: 7978

I have a Z-100 working very well, but today I found that it does not let pass RF when it tunes 10m even if the light ends green. Have not checked if it is a short or open circuit.

I guess I have a problem in a relay or coil, but any help will be appreciated.

If i bypass the tuner the RF goes out, so does in other bands.

I dont see any fault appart from that

Any sugestions

Regards EA1FC (I forgot my pass for the group)

7979. Re: z100 problems in 10m band

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-08-02 23:46:50 UTC
From: larrylb@...
Topic: 7978 Message: 7979

I don't have an answer for you, I do have a Z-100 I too am waiting to see what others come up with
to help you incase it ever happens to me.
Larry KB8EMD

7980. FOR SALE: AT-1000 Pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-08-05 17:46:11 UTC
From: fsanita1@...
Topic: 7980 Message: 7980

Selling LDG AT 1000 Pro Tuner.. 1 Kw with Auto Memory 160 to 6 meters for $ 325.00 plus shipping(CONUS only) payable by Postal Money Order. It was used in a controlled, non-smoking environment and has very little use time on it. It is in good condition and in original box. Photos on request. Contact me at fsanita at cfl.rr.com.
Frank Sanita AA4FS Palm Coast, FL

7981. Re: M-1000 meter

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-08-06 22:26:17 UTC
From: michael.newbury@...
Topic: 7959 Message: 7981

one of the meters on my DM-990 sticks when turned off, slight tap brings it back to life

7982. Bypass after tuning cycle

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-08-08 12:06:15 UTC
From: gerrykav@...
Topic: 7982 Message: 7982

I recently got an AT1000 ProII, which is replacing an MFJ 993b. They are different enough in behaviour that I am still a little apprehensive. I have noticed one behaviour that is not mentioned in the manual, or at least not where I could see it.

After a tuning cycle (on 17m, not that it matters) the bypass light lights up. No error condition flashes on the LED bars though. I am taking this to mean that the SWR on the feedline is sufficiently low as not to need tuning, as it shows about 1.7:1 bypassed. I can achieve a better match manually though.

Does this seem right?
Thanks
Gerry

7983. Re: Help me decide between 2 ATUs

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-08-08 12:13:39 UTC
From: gerrykav@...
Topic: 7961 Message: 7983

I had an unexpected windfall recently and just took delivery of an AT1000 ProII from Gigaparts. It was actually cheaper to buy form the US, pay shipping and import duty, than to buy locally. Thanks for all that provided input.
/Gerry

7984. Hello

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-08-08 21:07:57 UTC
From: Clyde Sawyer
Topic: 1793 Message: 7984

Sending this to be able to access the group. 73 Clyde

7985. Random wire direct to Z11 ProII with no balun ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-08-17 14:54:09 UTC
From: rmckee1957@...
Topic: 7985 Message: 7985

Just wondering if anyone here has found a length of wire that works well directly connected to the Z11 ProII without the use of a balun or unun ?

If so, what was the length and what bands did it work on ?

KC8AON

7986. Re: [LDG-auto-tuners] Random wire direct to Z11 ProII with no balun ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-08-17 16:29:18 UTC
From: Alex Netherton
Topic: 7985 Message: 7986

I have never tried it, but when using a Johnson's Matchbox and later, a MFJ-949E, I did that with a 125 foot wire, which is about half wave for 80 meters. It worked OK, and received well. If you go to Radio Shack and get a standard "Banana plug", it will plug into the center of the SO-239 almost perfectly.

A note here: You better have a GOOD ground! Or a decent radial.

73 de W5ALX
Alex Netherton
Asheville, Buncombe County NC, US EM85ro
http://blueridgediscovery.org

On 8/17/2016 10:54 AM, rmckee1957@... [LDG-auto-tuners] wrote:
>
> Just wondering if anyone here has found a length of wire that works
> well directly connected to the Z11 ProII without the use of a balun or
> unun ?
>
>
> If so, what was the length and what bands did it work on ?
>
>
> KC8AON
>
>

7987. Re: Random wire direct to Z11 ProII with no balun ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-08-17 18:37:10 UTC
From: rmckee1957@...
Topic: 7985 Message: 7987

I have many banana plugs and that's what I always use when connecting a random wire to my manual tuners, just have never tried it with the LDG.

KC8AON

7988. Re: Random wire direct to Z11 ProII with no balun ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-08-18 18:17:42 UTC
From: F4FXH
Topic: 7985 Message: 7988

Hello,

I used a long wire on my LDG AT-897Plus.
The length was a quarter wave length for 40 m band hold by a pole of a 10m.
For the counterpoise , I added 10% to this length.

I could use it to all bands 40m to 6m with both a MFJ-16010 and the LDG AT-897Plus.

73,

Nicolas F4FXH

7989. Re: Random wire direct to Z11 ProII with no balun ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-08-19 11:26:40 UTC
From: rmckee1957@...
Topic: 7985 Message: 7989

So you basically had a quarter wave 40 meter vertical with a slightly longer counterpoise wire. I'm not familiar with the AT-897Plus, but I would assume its similar in circuitry to the Z11 Pro 2. Thanks for the info.

kc8aon

---In LDG-auto-tuners@yahoogroups.com, <f4fxh@...> wrote :

Hello,

I used a long wire on my LDG AT-897Plus.
The length was a quarter wave length for 40 m band hold by a pole of a 10m.
For the counterpoise , I added 10% to this length.

I could use it to all bands 40m to 6m with both a MFJ-16010 and the LDG AT-897Plus.

73,

Nicolas F4FXH

7990. LDG tuners as remote tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-08-19 13:25:21 UTC
From: ea4fsd@...
Topic: 7990 Message: 7990

Hi, anyone has used a LDG tuner as remote tuner (not the RT-100)?.
Thank you in advance.

Javier
EA4FSD

72, 73 and good DX.

7991. Re: [LDG-auto-tuners] LDG tuners as remote tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-08-19 14:57:56 UTC
From: Joe
Topic: 7990 Message: 7991

I remoted one just inside the peak of the house where the coax enters the soffit vent. It worked fine. I did this because I was using a multiband antenna that had high VSWR on some bands. This cut down on the loss in the coax running through the house and reduced RF interference on electronics inside the house. It was inside the attic, so no need for waterproofing. I have a friend who uses them outdoors in a plastic food storage container with some success.

73, Joe, K1ike

On 8/19/2016 9:25 AM, ea4fsd@... [LDG-auto-tuners] wrote:
>
>
> Hi, anyone has used a LDG tuner as remote tuner (not the RT-100)?.
> Thank you in advance.
>
> Javier
> EA4FSD
>
> 72, 73 and good DX.
>
>
>
>
>

7992. Re: LDG tuners as remote tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-08-24 13:41:48 UTC
From: tmwebb@...
Topic: 7990 Message: 7992

I have an LDG Z11ProII in a weather proof enclosure and power it with a 12v/7ah battery. I change the battery every couple of months. Works great!

7993. Re: LDG tuners as remote tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-08-26 16:46:30 UTC
From: rmckee1957@...
Topic: 7990 Message: 7993

My biggest concern there would be exposure to constant humidity and condensation changes. Might want to toss in several bags of desiccant to help keep it dry !

kc8aon

---In LDG-auto-tuners@yahoogroups.com, <tmwebb@...> wrote :

I have an LDG Z11ProII in a weather proof enclosure and power it with a 12v/7ah battery. I change the battery every couple of months. Works great!

7994. Re: [LDG-auto-tuners] Re: LDG tuners as remote tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-08-27 12:08:22 UTC
From: Joe
Topic: 7990 Message: 7994

I have a friend that has several antennas located in a salt marsh behind his house. No matter what he has tried, the remote tuner still gets damage, even with desiccant in the waterproof box.

About the only way to avoid this would be to pressurize the box like commercial antenna systems do. It would be expensive, but you could run a piece of tubing out to the enclosure box and pressurize it with low pressure nitrogen. Way overkill, but the only way I can think of to absolutely protect the tuner.

73, Joe, K1ike

On 8/26/2016 12:46 PM, rmckee1957@... [LDG-auto-tuners] wrote:
> My biggest concern there would be exposure to constant humidity and
> condensation changes. Might want to toss in several bags of desiccant
> to help keep it dry !

7995. LDG-1000 ProII and M-1000 Meter listed on e-Bay

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-08-27 14:04:21 UTC
From: nt4om@...
Topic: 7995 Message: 7995

If anyone is interested, I have posted an LDG-1000 ProII and the matching meter on a Buy it Now eBay listing.

$300 for the tuner and $100 for the meter. You can submit your best offer on either of them also.

Thanks,
Tom Barber
NT4OM

7996. Re: [LDG-auto-tuners] Re: LDG tuners as remote tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-08-27 15:37:13 UTC
From: Patrick
Topic: 7990 Message: 7996

You could try potting the boards in silicone or another suitable compound.
The YouTube will help you.

W7pea
Patrick

On Sat, Aug 27, 2016, 5:08 AM Joe k1ike_mail@... [LDG-auto-tuners] <
LDG-auto-tuners@yahoogroups.com> wrote:

>
>
> I have a friend that has several antennas located in a salt marsh behind
> his house. No matter what he has tried, the remote tuner still gets
> damage, even with desiccant in the waterproof box.
>
> About the only way to avoid this would be to pressurize the box like
> commercial antenna systems do. It would be expensive, but you could run a
> piece of tubing out to the enclosure box and pressurize it with low
> pressure nitrogen. Way overkill, but the only way I can think of to
> absolutely protect the tuner.
>
> 73, Joe, K1ike
>
>
>
> On 8/26/2016 12:46 PM, rmckee1957@gmail.com [LDG-auto-tuners] wrote:
>
> My biggest concern there would be exposure to constant humidity and
> condensation changes. Might want to toss in several bags of desiccant to
> help keep it dry !
>
>
>
>

7997. Re: [LDG-auto-tuners] Re: LDG tuners as remote tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-09-02 16:41:15 UTC
From: rmckee1957@...
Topic: 7990 Message: 7997

Some silicone is caustic and could damage components and solder connections - not a good thing ! I would say to build an enclosure of PVC pipe with one end sealed and the other with a screw on cap and install a metal tire valve in it so you could add some positive pressure to it. Of course the entrance for all cables would also need to be well sealed. It wouldn't take much pressure though, around 10 psi should do it and nitrogen would even be better.

Rick - kc8aon

---In LDG-auto-tuners@yahoogroups.com, <patrick@...> wrote :

You could try potting the boards in silicone or another suitable compound. The YouTube will help you.
W7pea
Patrick

On Sat, Aug 27, 2016, 5:08 AM Joe k1ike_mail@... mailto:k1ike_mail@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com mailto:LDG-auto-tuners@yahoogroups.com> wrote:

I have a friend that has several antennas located in a salt marsh behind his house. No matter what he has tried, the remote tuner still gets damage, even with desiccant in the waterproof box.

About the only way to avoid this would be to pressurize the box like commercial antenna systems do. It would be expensive, but you could run a piece of tubing out to the enclosure box and pressurize it with low pressure nitrogen. Way overkill, but the only way I can think of to absolutely protect the tuner.

73, Joe, K1ike

On 8/26/2016 12:46 PM, rmckee1957@... mailto:rmckee1957@... [LDG-auto-tuners] wrote:

My biggest concern there would be exposure to constant humidity and condensation changes. Might want to toss in several bags of desiccant to help keep it dry !

7998. FIle Update

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-09-08 21:40:35 UTC
From: ldgyahoo@...
Topic: 7998 Message: 7998

Hello all,

We've uploaded the 68HC11 S19 firmware files for as many old products as we could find into the LDG Microprocessor Firmware folder here in this group. The format is product name (with no dashes), then the firmware version number (with no periods, _14_ would be V1.4), then the chip version (E2 or E9 for the 68HC11).

Those that can get the proper 68HC11 chips and can program them can now make replacement processors for many of our discontinued products.

Newer products use Microchip processors and eventually we'll be uploading the firmware for those units as well (discontinued units first).

Dwayne Kincaid
LDG

7999. YT-100

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-09-16 16:04:02 UTC
From: Deanf
Topic: 7999 Message: 7999

I have the YT-100 for my FT-857D. I used it mobile for a long time but it stopped working and the status light just blinks. Anyone have any ideas how I can correct this. I really love this tuner. My radio is now my base radio for HF as well as VHF/UHF.

The antenna its connected to is a A-99 tuned for 10 Meters.

Thanks

KG6MXZ, 73

Dean

8000. I think I'm ready to give up !

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-09-29 16:59:15 UTC
From: rmckee1957@...
Topic: 8000 Message: 8000

The last couple of months have been terrible here with my dad being hospitalized and then passed away last week and my equipment sitting around collecting dust. So to take my mind off things, I decided to try to work a little HF over the weekend. I connect my antenna, turn on the rig and hit the tune button and get a good match right away and start calling to see if the gang is around. I see the bar graph display jumping on voice peaks on the Icom 706Mk2 and thought I had it on power output mode but then noticed it was set to display swr. So I start checking ground wires, coax jumpers and other connections to see if I could find something loose and every thing seems good. I check the swr with a steady cw carrier and all shows fine but that is with only 10 watts. Go back to SSB and start calling and the swr is all over the place again but I notice the tuner isn't actually tuning - the swr is just fluctuating. So as a process of elimination, I disconnect the Z11 Pro2 and put the MFJ-949D in its place and tune up and start calling and the swr is rock solid. So I pull the cover off the Z11 to see if there is any evidence of arching with nothing obvious showing. Reconnect it with the top off so I can watch it while transmitting with the lights down low so I could see any flashes and none noted and even looked to see if there was anything loose in the tuner and everything looked solid. I'm really puzzled by this, so does anyone have any ideas ?

Rick - kc8aon

8001. Re: [LDG-auto-tuners] I think I'm ready to give up !

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-09-29 17:27:16 UTC
From: Michael Walker
Topic: 8000 Message: 8001

Sounds like RF is getting into the tuner and not in a good way.

Do you have any chokes on your feedline just before the tuner (looking back from the antenna?)

It could also be on the DC line into the tuner.

Mike va3mw

On Thu, Sep 29, 2016 at 12:59 PM, rmckee1957@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:

>
>
> The last couple of months have been terrible here with my dad being
> hospitalized and then passed away last week and my equipment sitting around
> collecting dust. So to take my mind off things, I decided to try to work a
> little HF over the weekend. I connect my antenna, turn on the rig and hit
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> the gang is around. I see the bar graph display jumping on voice peaks on
> the Icom 706Mk2 and thought I had it on power output mode but then noticed
> it was set to display swr. So I start checking ground wires, coax jumpers
> and other connections to see if I could find something loose and every
> thing seems good. I check the swr with a steady cw carrier and all shows
> fine but that is with only 10 watts. Go back to SSB and start calling and
> the swr is all over the place again but I notice the tuner isn't actually
> tuning - the swr is just fluctuating. So as a process of elimination, I
> disconnect the Z11 Pro2 and put the MFJ-949D in its place and tune up and
> start calling and the swr is rock solid. So I pull the cover off the Z11
> to see if there is any evidence of arching with nothing obvious showing.
> Reconnect it with the top off so I can watch it while transmitting with the
> lights down low so I could see any flashes and none noted and even looked
> to see if there was anything loose in the tuner and everything looked
> solid. I'm really puzzled by this, so does anyone have any ideas ?
>
>
> Rick - kc8aon
>
>
>

8002. Re: [LDG-auto-tuners] I think I'm ready to give up !

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-09-29 17:42:43 UTC
From: Paul Manuel
Topic: 8000 Message: 8002

blockquote, div.yahoo_quoted { margin-left: 0 !important; border-left:1px #715FFA solid !important; padding-left:1ex !important; background-color:white !important; } Is it possible that the rig has a spurious oscillation? If you talk into the mic on SSB, does it continue to put out RF, like a carrier, until you unkey?

Sent from Yahoo Mail for iPhone

On Thursday, September 29, 2016, 12:59 PM, rmckee1957@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:

The last couple of months have been terrible here with my dad being hospitalized and then passed away last week and my equipment sitting around collecting dust. So to take my mind off things, I decided to try to work a little HF over the weekend. I connect my antenna, turn on the rig and hit the tune button and get a good match right away and start calling to see if the gang is around. I see the bar graph display jumping on voice peaks on the Icom 706Mk2 and thought I had it on power output mode but then noticed it was set to display swr. So I start checking ground wires, coax jumpers and other connections to see if I could find something loose and every thing seems good. I check the swr with a steady cw carrier and all shows fine but that is with only 10 watts. Go back to SSB and start calling and the swr is all over the place again but I notice the tuner isn't actually tuning - the swr is just fluctuating. So as a process of elimination, I disconnect the Z11 Pro2 and put the MFJ-949D in its place and tune up and start calling and the swr is rock solid. So I pull the cover off the Z11 to see if there is any evidence of arching with nothing obvious showing. Reconnect it with the top off so I can watch it while transmitting with the lights down low so I could see any flashes and none noted and even looked to see if there was anything loose in the tuner and everything looked solid. I'm really puzzled by this, so does anyone have any ideas ?

Rick - kc8aon
-- #ygrp-mkp {border:1px solid #d8d8d8;font-family:Arial;margin:10px 0;padding:0 10px;}#ygrp-mkp hr {border:1px solid #d8d8d8;}#ygrp-mkp #hd {color:#628c2a;font-size:85%;font-weight:700;line-height:122%;margin:10px 0;}#ygrp-mkp #ads {margin-bottom:10px;}#ygrp-mkp .ad {padding:0 0;}#ygrp-mkp .ad p {margin:0;}#ygrp-mkp .ad a {color:#0000ff;text-decoration:none;}#ygrp-sponsor #ygrp-lc {font-family:Arial;}#ygrp-sponsor #ygrp-lc #hd {margin:10px 0px;font-weight:700;font-size:78%;line-height:122%;}#ygrp-sponsor #ygrp-lc .ad {margin-bottom:10px;padding:0 0;}#actions {font-family:Verdana;font-size:11px;padding:10px 0;}#activity {background-color:#e0ecee;float:left;font-family:Verdana;font-size:10px;padding:10px;}#activity span {font-weight:700;}#activity span:first-child {text-transform:uppercase;}#activity span a {color:#5085b6;text-decoration:none;}#activity span span {color:#ff7900;}#activity span .underline {text-decoration:underline;}.attach {clear:both;display:table;font-family:Arial;font-size:12px;padding:10px 0;width:400px;}.attach div a {text-decoration:none;}.attach img {border:none;padding-right:5px;}.attach label {display:block;margin-bottom:5px;}.attach label a {text-decoration:none;}blockquote {margin:0 0 0 4px;}.bold {font-family:Arial;font-size:13px;font-weight:700;}.bold a {text-decoration:none;}dd.last

p a {font-family:Verdana;font-weight:700;}dd.last p span
{margin-right:10px;font-family:Verdana;font-weight:700;}dd.last p span.yshortcuts
{margin-right:0;}div.attach-table div div a {text-decoration:none;}div.attach-table
{width:400px;}div.file-title a, div.file-title a:active, div.file-title a:hover,
div.file-title a:visited {text-decoration:none;}div.photo-title a, div.photo-title
a:active, div.photo-title a:hover, div.photo-title a:visited
{text-decoration:none;}div#ygrp-mlmsg #ygrp-msg p a span.yshortcuts
{font-family:Verdana;font-size:10px;font-weight:normal;}.green {color:#628c2a;}.MsoNormal
{margin:0 0 0 0;}o {font-size:0;}#photos div {float:left;width:72px;}#photos div div
{border:1px solid #666666;min-height:62px;overflow:hidden;width:62px;}#photos div label {c
olor:#666666;font-size:10px;overflow:hidden;text-align:center;white-space:nowrap;width:64p
x;}#reco-category {font-size:77%;}#reco-desc {font-size:77%;}.replbq
{margin:4px;}#ygrp-actbar div a:first-child
{margin-right:2px;padding-right:5px;}#ygrp-mlmsg {font-size:13px;font-family:Arial,
helvetica, clean, sans-serif;}#ygrp-mlmsg table {font-size:inherit;font:100%;}#ygrp-mlmsg
select, input, textarea {font:99% Arial, Helvetica, clean, sans-serif;}#ygrp-mlmsg pre,
code {font:115% monospace;}#ygrp-mlmsg * {line-height:1.22em;}#ygrp-mlmsg #logo
{padding-bottom:10px;}#ygrp-msg p a {font-family:Verdana;}#ygrp-msg p#attach-count span
{color:#1E66AE;font-weight:700;}#ygrp-reco #reco-head
{color:#ff7900;font-weight:700;}#ygrp-reco {margin-bottom:20px;padding:0px;}#ygrp-sponsor
#ov li a {font-size:130%;text-decoration:none;}#ygrp-sponsor #ov li
{font-size:77%;list-style-type:square;padding:6px 0;}#ygrp-sponsor #ov ul
{margin:0;padding:0 0 0 8px;}#ygrp-text {font-family:Georgia;}#ygrp-text p {margin:0 0 1em
0;}#ygrp-text tt {font-size:120%;}#ygrp-vital ul li:last-child {border-right:none
!important;}

8003. Re: I think I'm ready to give up !

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-09-29 17:47:03 UTC
From: kb1vgs@...
Topic: 8000 Message: 8003

Rick,

I am using a LDG-RT-600 with the RC-600 remote control. I started having a noise issue while receiving.

I reached over to the RC-600 to try to tune it again and I noticed when I moved the actual control unit itself the noise went away. So I positioned the control unit so the PL-259s were resting on the SWR meter and the noise level was gone. If I moved the control unit the noise came back. So I put it back with the PL-259 resting on the SWR meter and the noise was gone again.

I mentioned the whole incident to a bunch of guys on a local net and one of the guys, who is just about everybody's elmer said he had a similar problem with a LDG tuner. After he took it apart and finally used a micrometer on the inner connector of the SO-239 he discovered it was out of spec and there was no way to make the hole smaller (The connectors were made in China).

I then emailed LDG explained the problem and after a days worth of emails they told me to send the RC-600 back and they would replace it. I had also notice the SWR (while in voice mode) changing as well.

I do not know if that is your problem or not but it is another thing to check.

I hope this helps.

73, Bill, KB1VGS, grid FN31xn

8004. Re: I think I'm ready to give up !

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-09-30 11:29:27 UTC
From: rmckee1957@...
Topic: 8000 Message: 8004

I've got RF chokes (three FT140-43 cores staked and 11 turn of RG58 through them) between the antenna feedline and the tuner. Got ferrite chokes on the control cable between radio and tuner and another choke in the jumper between the radio and tuner. It didn't do this the last time I used it and it was the same setup all the way - nothing has been changed. I checked the rig and there is no carrier on SSB, don't have a scope so I used another receiver to see if I could hear any spurs on other harmonics with none noted. I did find out that it does the same on CW and AM and even tried it with another rig - a Yaesu FT-840 and it still does the same thing, so it must be something common to the tuner itself. I'm thinking maybe a relay not making good contact or something like that, so I tried it on several bands so that different relays would be in use but it still does the same thing. I'm just beginning to believe its not meant for me to use an autotuner !

I did notice that while transmitting the other indicator LED's flash as I talk and that's after it shows only the green LED when finds a match at low power. So until I figure this out, I will be using my manual tuner but that will be after I get some on the air reports to see if there is any distortion while using the Z11 Pro 2, and also try it by allowing it to tune and then disconnect the DC power to see if it does the same thing. Will keep you guys posted.

73, Rick - kc8aon

8005. Re: [LDG-auto-tuners] Re: I think I'm ready to give up !

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-09-30 15:31:00 UTC
From: Ralph Mowery
Topic: 8000 Message: 8005

I think that if you let it tune under a steady carrier,then unplug the 12 Volt power the swr will stay low. if so , check your settings. I had one doing the same thing and found that I needed to change a few settings. One was the minimum swr before it retunes and not sure what the others were right now.

From: "rmckee1957@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com>
To: LDG-auto-tuners@yahoogroups.com
Sent: Friday, September 30, 2016 7:29 AM
Subject: [LDG-auto-tuners] Re: I think I'm ready to give up !

I've got RF chokes (three FT140-43 cores staked and 11 turn of RG58 through them) between the antenna feedline and the tuner. Got ferrite chokes on the control cable between radio and tuner and another choke in the jumper between the radio and tuner. It didn't do this the last time I used it and it was the same setup all the way - nothing has been changed. I checked the rig and there is no carrier on SSB, don't have a scope so I used another receiver to see if I could hear any spurs on other harmonics with none noted. I did find out that it does the same on CW and AM and even tried it with another rig - a Yaesu FT-840 and it still does the same thing, so it must be something common to the tuner itself. I'm thinking maybe a relay not making good contact or something like that, so I tried it on several bands so that different relays would be in use but it still does the same thing. I'm just beginning to believe its not meant for me to use an autotuner !
I did notice that while transmitting the other indicator LED's flash as I talk and that's after it shows only the green LED when finds a match at low power. So until I figure this out, I will be using my manual tuner but that will be after I get some on the air reports to see if there is any distortion while using the Z11 Pro 2, and also try it by allowing it to tune and then disconnect the DC power to see if it does the same thing. Will keep you guys posted.
73, Rick - kc8aon

8006. Anyone able to program a 68HC11 for a Z11 QRP?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-09-30 21:21:18 UTC
From: rentwist@...
Topic: 8006 Message: 8006

Hi,

Just joined the group. I recently bought a Z11 QRP for a song and fixed it up. It has some older (the original) firmware in the processor, 1.3 as I recall. Dwayne was kind enough to tell me about this group and about the files section. There is a version 1.6 with 200 memories in the folder (the original FW has no memories). So what I would like to do is get the current processor reprogrammed (or buy a new chip and program it). Anyone in the group have the ability? Think it is a 52 pin PLCC but will verify. Certainly not worth the trouble to buy HW specifically to program a processor this old but maybe someone in the group has the HW in their lab to do so?

Thanks and 73,

Robert, WA2T

8007. Re: I think I'm ready to give up !

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-10-03 11:24:39 UTC
From: rmckee1957@...
Topic: 8000 Message: 8007

Had a little more time this weekend to play with the tuner, and tried disconnecting the power after it tunes and it still does the same thing. The swr dances all over the place when operating full power (100 watts) but is rock steady when the rig is in tune mode which is 10 watts and the rig is an Icom 706 Mk2. So I tried my Icom AH-4 tuner and my SGC-237 and once tuned, both of those are rock steady. The swr doesn't go super high when talking on the LDG, but it does peak around 4:1 or so and shows about 1.2:1 in tune mode with 10 watts. So I'm thinking maybe one of the caps may have a problem. I pulled the cover off the tuner and looked at the caps real close and none of them look as if they've been overheated or anything like that, and watched the tuner circuit for arching while transmitting with none noticed. At this point I'm dumbfounded as to what is going on as it has only sat for a few weeks with very little operation and the last time it was used it was fine and then this crops up all of a sudden. So for now I'm using my manual tuner where there is no change no matter what power level I run. I don't think its meant for me to run an autotuner !

73, Rick - kc8aon

8008. Re: [LDG-auto-tuners] Re: I think I'm ready to give up !

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-10-03 13:10:17 UTC
From: Charles Scott
Topic: 8000 Message: 8008

Rick:

Once the LDG has tuned, what SWR do you get if you transmit at very low power -- just enough to get a good SWR reading.

My guess is that you do in fact have a problem with the tuner (obviously since the other ones seem to work, unless you were using the other tuners with different antennas than the LDG was connected to). It's not uncommon for failures to be power sensitive.

Chuck

On 10/3/2016 7:24 AM, rmckee1957@... [LDG-auto-tuners] wrote:
>
>
> Had a little more time this weekend to play with the tuner, and tried
> disconnecting the power after it tunes and it still does the same
> thing. The swr dances all over the place when operating full power
> (100 watts) but is rock steady when the rig is in tune mode which is
> 10 watts and the rig is an Icom 706 Mk2. So I tried my Icom AH-4
> tuner and my SGC-237 and once tuned, both of those are rock steady.
> The swr doesn't go super high when talking on the LDG, but it does
> peak around 4:1 or so and shows about 1.2:1 in tune mode with 10
> watts. So I'm thinking maybe one of the caps may have a problem. I
> pulled the cover off the tuner and looked at the caps real close and
> none of them look as if they've been overheated or anything like that,
> and watched the tuner circuit for arching while transmitting with none
> noticed. At this point I'm dumbfounded as to what is going on as it
> has only sat for a few weeks with very little operation and the last
> time it was used it was fine and then this crops up all of a sudden.
> So for now I'm using my manual tuner where there is no change no
> matter what power level I run. I don't think its meant for me to run
> an autotuner !
>
>
> 73, Rick - kc8aon
>

8009. Re: [LDG-auto-tuners] Re: I think I'm ready to give up !

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-10-03 13:27:39 UTC
From: rmckee1957@...
Topic: 8000 Message: 8009

As before, the radio tunes at 10 watts and shows a good match - about 1.2:1 into a Off Center Fed Dipole. I even disconnected the radio and checked the match both through the tuner which shows a good match with the analyzer, and then checked the antenna itself and nothing has changed there - its about 2.4:1 without the tuner at the same frequency and yes, its all on the same antenna. Tonight I'm going to let it make its match and reduce power all the way which would be about 5 watts and then increase power a little at a time to see at what pwr level the problem accurs.

Rick, kc8aon

---In LDG-auto-tuners@yahoogroups.com, <cscott@...> wrote :

Rick:
Once the LDG has tuned, what SWR do you get if you transmit at very low power -- just enough to get a good SWR reading.
My guess is that you do in fact have a problem with the tuner (obviously since the other ones seem to work, unless you were using the other tuners with different antennas than the LDG was connected to). It's not uncommon for failures to be power sensitive.

Chuck

On 10/3/2016 7:24 AM, rmckee1957@... mailto:rmckee1957@... [LDG-auto-tuners] wrote:

Had a little more time this weekend to play with the tuner, and tried disconnecting the power after it tunes and it still does the same thing. The swr dances all over the place when operating full power (100 watts) but is rock steady when the rig is in tune mode which is 10 watts and the rig is an Icom 706 Mk2. So I tried my Icom AH-4 tuner and my SGC-237 and once tuned, both of those are rock steady. The swr doesn't go super high when talking on the LDG, but it does peak around 4:1 or so and shows about 1.2:1 in tune mode with 10 watts. So I'm thinking maybe one of the caps may have a problem. I pulled the cover off the tuner and looked at the caps real close and none of them look as if they've been overheated or anything like that, and watched the tuner circuit for arching while transmitting with none noticed. At this point I'm dumbfounded as to what is going on as it has only sat for a few weeks with very little operation and the last time it was used it was fine and then this crops up all of a sudden. So for now I'm using my manual tuner where there is no change no matter what power level I run. I don't think its meant for me to run an autotuner !

73, Rick - kc8aon

8010. Re: [LDG-auto-tuners] Re: I think I'm ready to give up !

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-10-04 17:46:56 UTC
From: rmckee1957@...
Topic: 8000 Message: 8010

Had a little time to check out the situation again last night and the problem starts getting noticeable around 35 to 40 watts, and 30 watts and under it seems to be ok. So I'm assuming that something is arching somewhere in the tuner but its just not arching in a place where I can see it. The tuner has always been operated with the interface cable with the Icom 706 Mk2 supplying the power, never more than 100 watts and most times less than that, and the only thing different is that it sat idle a lot while my dad was in the hospital and I didn't have a lot of time to operate. Antennas were always disconnected and grounded when not being used and everything checks out with the antenna the same as it was before per my notes when I built the antenna. Someone mentioned RF getting into the tuner, but I'm thinking how could that be in a device that is designed to operate with RF running through it and why did it start all of a sudden ? Oh, and I also checked that the center pins on the antenna connectors were fitting as tight as they could and made sure the SO-239's were tight - I have seen those loose on equipment before, even the ones that are riveted in.

Puzzled,
Rick, kc8aon

8011. Re: [LDG-auto-tuners] Re: I think I'm ready to give up !

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-10-04 21:19:25 UTC
From: Charles Scott
Topic: 8000 Message: 8011

Rick:

Well, it sure sounds like a bad component or trace. I suppose it still be RF getting into the control circuitry of the tuner, but I think you said you put chokes all over it.

This could be a bad trace or carbon path somewhere, bad solder connection, bad component, or bad relay, so it might take some testing to sort it out. Starting out you might get lucky with a very close examination of everything. You are, however, making progress.

Chuck - N8DNX

On 10/4/2016 1:46 PM, rmckee1957@... [LDG-auto-tuners] wrote:
>
>
> Had a little time to check out the situation again last night and the
> problem starts getting noticeable around 35 to 40 watts, and 30
> watts and under it seems to be ok. So I'm assuming that something is
> arching somewhere in the tuner but its just not arching in a place
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> than 100 watts and most times less than that, and the only thing
> different is that it sat idle a lot while my dad was in the hospital
> and I didn't have a lot of time to operate. Antennas were always
> disconnected and grounded when not being used and everything checks
> out with the antenna the same as it was before per my notes when I
> built the antenna. Someone mentioned RF getting into the tuner, but
> I'm thinking how could that be in a device that is designed to
> operate with RF running through it and why did it start all of a
> sudden ? Oh, and I also checked that the center pins on the antenna
> connectors were fitting as tight as they could and made sure the
> SO-239's were tight - I have seen those loose on equipment before,
> even the ones that are riveted in.
>
>
> Puzzled,
>
> Rick, kc8aon
>

8012. Re: [LDG-auto-tuners] Re: I think I'm ready to give up !

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-10-05 16:48:15 UTC
From: rmckee1957@...
Topic: 8000 Message: 8012

Yep, something in the tuner for sure - finding it is the problem. Bad thing is, this tuner has seen very little use in the time I've had it and problems crop up after it has been sitting idle without even being powered up for a few weeks. At this point I'm surely not sold on the auto tuner thing anymore and ready to go back to manual tuners that are slow but do work and don't require a DC source. I bought it because its an L network which is supposed to be much more efficient than the average T match manual tuners on the market, so I'm thinking maybe I just need to build myself a manual L match tuner and be done with the whole thing. It just bugs the life out of me to have new equipment sitting around that doesn't work properly !

Rick, KC8AON

8013. Re: [LDG-auto-tuners] Re: I think I'm ready to give up !

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-10-06 19:59:04 UTC
From: rmckee1957@...
Topic: 8000 Message: 8013

I think I'll got to Harbor Freight this weekend and buy me one of those infrared thermometers and see if I can detect anything heating up in the tuner while transmitting. These thermometers have a laser aiming device on them, so I will transmit through the tuner and then check each tuning cap to see if any are hotter than the others. I think the thermometer is around $9.95 or so. Any thoughts ?

Rick - kc8aon

8014. Re: I think I'm ready to give up !

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-10-06 21:35:36 UTC
From: jwalden@...
Topic: 8000 Message: 8014

Adding to the pyrometer (love that term although HF devices might be a stretch), while at low power just below the tripping point, try heating up components locally with a hair dryer. Alternatively, if you can find a can of freeze spray, run the power up until it just starts have issues and try cooling down.

Rethinking the whole thing with cooler weather approaching, do you have a way of lowering the room temperature substantially?

Try one of these first that don't cost anything before you get a new toy. New toys are fun tho.

-Jeff N1CZ

8015. Re: I think I'm ready to give up !

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-10-07 08:51:26 UTC
From: fudgies@...
Topic: 8000 Message: 8015

Although unlikely to be your problem I would measure across all the caps to make sure one hasn't gonre short circuit just to eliminate that possibility while you are in there. This link has some excellent photos of one completely dissembled that may be of use to you in you quest : LDG Z11 Pro2 - George Smart's Wiki
https://www.george-smart.co.uk/wiki/LDG_Z11_Pro2

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LDG Z11 Pro2 - George Smart's Wiki https://www.george-smart.co.uk/wiki/LDG_Z11_Pro2 I bought the LDG Z11 Pro2 when I bought my Icom IC-7000 and at the time of writing have had it about 18 months. The Z11 Pro2 gets mixed reviews;

View on www.george-smart.co.uk https://www.george-smart.co.uk/wiki/LDG_Z11_Pro2
Preview by Yahoo

73 James EI2IV

8016. Re: I think I'm ready to give up !

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-10-08 12:11:14 UTC
From: rmckee1957@...
Topic: 8000 Message: 8016

If the caps were shorted, I doubt it would be able to make a match to begin with. This one will make a match then goes haywire when you hit it with more power.

Rick - kc8aon

---In LDG-auto-tuners@yahoogroups.com, <fudgies@...> wrote :

Although unlikely to be your problem I would measure across all the caps to make sure one hasn't gonre short circuit just to eliminate that possibility while you are in there. This link has some excellent photos of one completely dissembled that may be of use to you in you quest : LDG Z11 Pro2 - George Smart's Wiki
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View on www.george-smart.co.uk https://www.george-smart.co.uk/wiki/LDG_Z11_Pro2
Preview by Yahoo

73 James EI2IV

8017. Re: [LDG-auto-tuners] Re: I think I'm ready to give up !

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-10-08 16:23:09 UTC
From: WolfBob
Topic: 8000 Message: 8017

Is it possible that you have RF getting back into the shack? I have noted all kinds of similar reactions from equipments in my shack when either some antenna has a very high common-mode or I neglect to raise the tower at high power. (TH34XA 22 ft away at 1.5KW).

Bob, WB6JPI

----- Original Message -----
From: rmckee1957@... [LDG-auto-tuners]
To: LDG-auto-tuners@yahoogroups.com
Sent: Saturday, October 08, 2016 5:11 AM
Subject: [LDG-auto-tuners] Re: I think I'm ready to give up !

If the caps were shorted, I doubt it would be able to make a match to begin with. This one will make a match then goes haywire when you hit it with more power.

Rick - kc8aon

---In LDG-auto-tuners@yahoogroups.com, <fudgies@...> wrote :

Although unlikely to be your problem I would measure across all the caps to make sure one hasn't gonre short circuit just to eliminate that possibility while you are in there. This link has some excellent photos of one completely dissembled that may be of use to you in you quest : LDG Z11 Pro2 - George Smart's Wiki

LDG Z11 Pro2 - George Smart's Wiki I bought the LDG Z11 Pro2 when I bought my Icom IC-7000 and at the time of writing have had it about 18 months. The Z11 Pro2 gets mixed reviews; View on www.george-smart.co.uk Preview by Yahoo

73 James EI2IV

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

8018. Re: [LDG-auto-tuners] Re: I think I'm ready to give up !

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-10-10 13:57:16 UTC
From: rmckee1957@...
Topic: 8000 Message: 8018

Well for now the problem is resolved for now. Took the main board out over the weekend and reheated some solder connections on 2 of the caps that looked kind of dull under a magnifier and a few others on some relays and now its working as it was before. The connections didn't look that bad but wasn't as shiny as the others but I guess was bad enough to cause problems. We will see though !

Rick - kc8aon

8019. Ten Tec corsair 560 and LDG AT-100ProII

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-10-11 02:47:21 UTC
From: alexm_1968@...
Topic: 8019 Message: 8019

Hi All just got me a corsair 560 and I want to pair it with my LDG AT100proII, I'm just wondering how to use the tuner with it...

Alex VE2AIU

8020. Re: [LDG-auto-tuners] Ten Tec corsair 560 and LDG AT-100ProII

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-10-11 16:56:11 UTC
From: Alex Netherton
Topic: 8019 Message: 8020

The tuner reacts to RF, and will automagically tune when RF goes through it. Many rigs, even modern ones (I have a FT-950) do not connect directly to the LDG. I tune mine (AT-600 ProII) by putting the rig on AM, pressing PTT until the rattling stops, and then going back to SSB. My AT-100 ProII is connected to my IC-700 on the other hand, and I just press the "Tune" button on the tuner, or the "TUNER/CALL" button on the 7000.

Just hook it to the rig with a coax jumper, connect it to a 12v power supply (WATCH THE POLARITY!!!) and just start operating.

Remember that at 100 watts, the voltages and/or current can be very high. It is recommended to tune with 10 watts carrier. I have no idea how much the tuner can stand while tuning, I just like to err on the side of caution.

73 de W5ALX
Alex Netherton
Asheville, Buncombe County NC, US EM85ro
http://blueridgediscovery.org

On 10/10/2016 10:47 PM, alexm_1968@... [LDG-auto-tuners] wrote:
>
> Hi All just got me a corsair 560 and I want to pair it with my LDG
> AT100proII, I'm just wondering how to use the tuner with it...
>
>
> Alex VE2AIU
>
>

8021. Re: [LDG-auto-tuners] Ten Tec corsair 560 and LDG AT-100ProII

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-10-11 17:29:17 UTC
From: alexm_1968@...
Topic: 8019 Message: 8021

Hi thank you for the reply, and the info. The Corsair 560 does not have AM mode it's a SSB/CW rig but I noticed that there is a spot on the mode switch called locked I'm just not sure if that is the same as a tx button like found on the more modern rigs. When I get my rig it should be in a week I'll check it out..

Alex VE2AIU

8022. FT-891 Compatibility

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-10-12 03:25:47 UTC
From: ldgyahoo@...
Topic: 8022 Message: 8022

Hi All,

We'll be getting an FT-891 in this or next week and will start testing. If all the publications are correct from Yaesu, the YT-1200 tuner should work the same on the FT-891 as the FT-991.

We'll post any updates.

Dwayne Kincaid
LDG

8023. Re: Ten Tec corsair 560 and LDG AT-100ProII

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-10-12 12:25:49 UTC
From: Cortland Richmond
Topic: 8019 Message: 8023

On Tue Oct 11, 2016 2:08 pm PDT Alex VE2AIU wrote:
> I noticed that there is a spot on the mode switch called locked I'm just not sure if that is the same as a tx button like found on the more modern rigs.

That is used to set the maximum power output using the external circuit breaker supplied with the Corsair. One turns it up until just below the point at which the breaker drops out, and this protects the rig's finals.

I highly recommend reading the manual! I also recommend obtaining the proper circuit breaker, but I can't tell you the source at my computer upstairs. Someone on the list will be able to do so, I'm sure.

While it's not meant to provide a tuning signal, you can certainly use it to reduce the CW output to a much lower power level for tuning; just remember to turn it up again afterwards – just not too far!

Cortland Richmond
KA5S

8024. Re: FT-891 Compatibility

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-10-18 22:33:28 UTC
From: ldgyahoo@...
Topic: 8022 Message: 8024

Hi All,

We got the FT-891 in and it's somewhat different as the 991. It' does not have a dedicated CAT port, so you cannot use the LDG YT-1200 with it. However, it does have a Rem port that can be used as the ACC port like in the FT-857 and 897. This allows users to use any Generic LDG tuner and the Y-ACC cable to closely integrate the two units.

The Y-ACC cable (for about $12 or you can make your own), will key the radio once the tuner button is pressed on the tuner and keep it keyed while the tuner is tuning. We did check and the radio also lowers the RF output power when tuning.

For the 891, you will need to set menu item 16-15 to Lamp (for Linear Amp). This would be the same operation if you used the Y-ACC cable with a Generic LDG tuner and plugged into the Rem port on the FT-991 and set menu 143 to the same setting.

Dwayne Kincaid
LDG

---In LDG-auto-tuners@yahoogroups.com, <ldgyahoo@ldgelectronics.com> wrote :

Hi All,

We'll be getting an FT-891 in this or next week and will start testing. If all the publications are correct from Yaesu, the YT-1200 tuner should work the same on the FT-891 as the FT-991.

We'll post any updates.

Dwayne Kincaid
LDG

8025. Z817 tuner sometimes does not reset the radio to RX

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-10-20 22:12:20 UTC
From: csharp2a@...
Topic: 8025 Message: 8025

I find that on some bands the tuner works great and others it will not release the radio from TX and reset it. I have to power off the radio. Any suggestions?

Thanks,

Craig N8PWM

8026. Re: [LDG-auto-tuners] Z817 tuner sometimes does not reset the radio to RX

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-10-20 22:54:49 UTC
From: Paul Shayler
Topic: 8025 Message: 8026

A cause could be RF in the shack. Also check antenna with an antenna analyser for all bands that you use with the LDG auto atu.

Paul G6TSF

Sent from Samsung tablet

-------- Original message --------
From: "csharp2a@gmail.com [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com>
Date: 20/10/2016 23:46 (GMT+00:00)
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Z817 tuner sometimes does not reset the radio to RX

I find that on some bands the tuner works great and others it will not release the radio from TX and reset it. I have to power off the radio. Any suggestions?

Thanks,

Craig N8PWM

8027. AT-1000 PRO II - antenna 1 and 2

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-10-23 18:45:49 UTC
From: ronbaran@...
Topic: 8027 Message: 8027

New to the group. I put up my compromised 80 meter antenna yesterday. It is a Vee from FD but, due to lack of room, it is configured as a horizontal Vee apex in a tree at 35ft so I expected problems. MFJ 259C shows resonance at 3.5 at the end of 25ft of RG8X.

Connected it to Ant 1 and SWR was all over the place. Before I went out to "cut and try" I switched the 80 mtr antenna to Ant 2 (default) at all is well. What am I looking at here? Can't understand why switching between SO 239s would make a difference like that. How do I make Ant 1 behave itself?

Ron W9XS

8028. Re: [LDG-auto-tuners] AT-1000 PRO II - antenna 1 and 2

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-10-23 23:25:50 UTC
From: Ralph Mowery
Topic: 8027 Message: 8028

Could indicate a bad connection somewhere inside the tuner.

From: "ronbaran@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com>
To: LDG-auto-tuners@yahoogroups.com
Sent: Sunday, October 23, 2016 2:45 PM
Subject: [LDG-auto-tuners] AT-1000 PRO II - antenna 1 and 2

New to the group. I put up my compromised 80 meter antenna yesterday. It is a Vee from FD but, due to lack of room, it is configured as a horizontal Vee apex in a tree at 35ft so I expected problems. MFJ 259C shows resonance at 3.5 at the end of 25ft of RG8X. Connected it to Ant 1 and SWR was all over the place. Before I went out to "cut and try" I switched the 80 mtr antenna to Ant 2 (default) at all is well. What am I looking at here? Can't understand why switching between SO 239s would make a difference like that. How do I make Ant 1 behave itself?
Ron W9XS

8029. Re: [LDG-auto-tuners] AT-1000 PRO II - antenna 1 and 2

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-10-24 01:08:20 UTC
From: Ron Baran
Topic: 8027 Message: 8029

Thanks Ralph.
Guess I'll grab a Phillips and get cracking.

Ron

Sent from my iPad

On Oct 23, 2016, at 6:37 PM, "Ralph Mowery ku4pt@...<mailto:ku4pt@...> [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com<mailto:LDG-auto-tuners@yahoogroups.com>> wrote:

Could indicate a bad connection somewhere inside the tuner.

From: "ronbaran@...<mailto:ronbaran@...> [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com<mailto:LDG-auto-tuners@yahoogroups.com>>
To: LDG-auto-tuners@yahoogroups.com<mailto:LDG-auto-tuners@yahoogroups.com>
Sent: Sunday, October 23, 2016 2:45 PM
Subject: [LDG-auto-tuners] AT-1000 PRO II - antenna 1 and 2

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Connected it to Ant 1 and SWR was all over the place. Before I went out to "cut and try" I switched the 80 mtr antenna to Ant 2 (default) at all is well. What am I looking at here? Can't understand why switching between SO 239s would make a difference like that. How do I make Ant 1 behave itself?

Ron W9XS

8030. Re: [LDG-auto-tuners] Re: I think I'm ready to give up !

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-10-25 22:00:16 UTC
From: rmckee1957@...
Topic: 8000 Message: 8030

Update: Now that I have gone over a few solder joints in the tuner and had more time to use it, it seems to be working better that it was when it was new ! But time will tell, with as much trouble I've had with it I'm kind of skeptical at this point !

Rick - KC8AON

---In LDG-auto-tuners@yahoogroups.com, <rmckee1957@...> wrote :

Well for now the problem is resolved for now. Took the main board out over the weekend and reheated some solder connections on 2 of the caps that looked kind of dull under a magnifier and a few others on some relays and now its working as it was before. The connections didn't look that bad but wasn't as shiny as the others but I guess was bad enough to cause problems. We will see though !

Rick - kc8aon

8031. Re: [LDG-auto-tuners] Re: I think I'm ready to give up !

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-10-26 12:46:39 UTC
From: mike@...
Topic: 8000 Message: 8031

Good day;

I had an issue with an LDG AT-1000 Pro-II: It would "hunt" after tune on 20 meters, if my feed line (window line) was wet. It progressed to this same HUNT when the weather was fine. It progressed to this same problem-indication when I was on 75 meters.

Previously, I had loosened, then tightened the PL-259 coax connector. One day, I happened to fully REMOVE the PL-259, and found that the male portion of the PL-259 had virtually NO CONTACT PRESSURE with the mate, the SO-239! Using a sharp tool, I "massaged" the four wipers of the SO-239 connector on the LDG tuner; -I now had contact pressure! I was again able to achieve a tune condition on all bands, including the troublesome 20 meters.

The previously discovered trouble has not returned in what is now over a year, and the tuner is not only STABLE, but it seems to be able to achieve a tune condition easier than before.

My point: Do check the contact pressure on the tuner's coax fittings as well as substituting the coax jumper cables, which is another source of troubles.

73; Mike, K0JTA

---In LDG-auto-tuners@yahoogroups.com, <rmckee1957@...> wrote :

Update: Now that I have gone over a few solder joints in the tuner and had more time to use it, it seems to be working better that it was when it was new ! But time will tell, with as much trouble I've had with it I'm kind of skeptical at this point !

Rick - KC8AON

8032. Re: [LDG-auto-tuners] Re: I think I'm ready to give up !

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-10-26 21:40:57 UTC
From: Joe
Topic: 8000 Message: 8032

I've been waiting to see if anyone else had this problem. About a year ago, I had an AT600 ProII tuner that had bad SO-239 connectors. I measured the spacing of the center pin and found it to be out of specifications. I replaced the connectors with Amphenol Sp-239 connectors and all is well. The original SO-239 connectors were marked with "China".

I then sent the connectors back to LDG with a note explaining what I found. I also sent an email. They returned the connectors with no comment about the bad connectors.

Joe, K1ike

On 10/26/2016 8:46 AM, mike@... [LDG-auto-tuners] wrote:
>
> Previously, I had loosened, then tightened the PL-259 coax connector.
> One day, I happened to fully REMOVE the PL-259, and found that the
> male portion of the PL-259 had virtually NO CONTACT PRESSURE with the
> mate, the SO-239! Using a sharp tool, I "massaged" the four wipers of
> the SO-239 connector on the LDG tuner; -I now had contact pressure! I
> was again able to achieve a tune condition on all bands, including the
> troublesome 20 meters.
>

8033. Re: [LDG-auto-tuners] Re: I think I'm ready to give up !

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-10-26 22:41:05 UTC
From: rolandbrade@...
Topic: 8000 Message: 8033

Interestingly I have had a fault on mine but only on 80 metres with my AT600 PROII. I have not investigated it. I just put it to one side and left it. Maybe now I should get it out and get to work on it. This is a new one to replace an old one that I had that seemed to be faulty. I think I should get it out again and get to work n it. I am now using the ATU in the FT1200 and that works just fine.
Roley G3VIR

---In LDG-auto-tuners@yahoogroups.com, <k1ike_mail@...> wrote :

I've been waiting to see if anyone else had this problem. About a year ago, I had an AT600 ProII tuner that had bad SO-239 connectors. I measured the spacing of the center pin and found it to be out of specifications. I replaced the connectors with Amphenol Sp-239 connectors and all is well. The original SO-239 connectors were marked with "China".

I then sent the connectors back to LDG with a note explaining what I found. I also sent an email. They returned the connectors with no comment about the bad connectors.

Joe, K1ike

On 10/26/2016 8:46 AM, mike@... mailto:mike@... [LDG-auto-tuners] wrote:

Previously, I had loosened, then tightened the PL-259 coax connector. One day, I happened to fully REMOVE the PL-259, and found that the male portion of the PL-259 had virtually NO CONTACT PRESSURE with the mate, the SO-239! Using a sharp tool, I "massaged" the four wipers of the SO-239 connector on the LDG tuner; -I now had contact pressure! I was again able to achieve a tune condition on all bands, including the troublesome 20 meters.

8034. Re: [LDG-auto-tuners] Re: I think I'm ready to give up !

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-10-27 13:46:35 UTC
From: rmckee1957@...
Topic: 8000 Message: 8034

Another quick fix here and one that I have used many times over the years is when I have a loose center pin, I squeeze the pin on the PL-259 with pliers to make it slightly oval which makes it fit tighter in the SO-239 socket. You can also build it up a little with silver bearing solder on the outside to make it thicker. Just don't know why so many manufacturers scrimp on something as trivial as a coax connector !

Rick - KC8AON

---In LDG-auto-tuners@yahoogroups.com, <k1ike_mail@...> wrote :

I've been waiting to see if anyone else had this problem. About a year ago, I had an AT600 ProII tuner that had bad SO-239 connectors. I measured the spacing of the center pin and found it to be out of specifications. I replaced the connectors with Amphenol Sp-239 connectors and all is well. The original SO-239 connectors were marked with "China".

I then sent the connectors back to LDG with a note explaining what I found. I also sent an email. They returned the connectors with no comment about the bad connectors.

Joe, K1ike

On 10/26/2016 8:46 AM, mike@... mailto:mike@... [LDG-auto-tuners] wrote:

Previously, I had loosened, then tightened the PL-259 coax connector. One day, I happened to fully REMOVE the PL-259, and found that the male portion of the PL-259 had virtually NO CONTACT PRESSURE with the mate, the SO-239! Using a sharp tool, I "massaged" the four wipers of the SO-239 connector on the LDG tuner; -I now had contact pressure! I was again able to achieve a tune condition on all bands, including the troublesome 20 meters.

8035. FLEX SDR-1000 LDG TUNER

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-10-27 14:30:55 UTC
From: wb4kkt@...
Topic: 8035 Message: 8035

I have this radio with the LDG Z-100 V2.3 Z-LINE tuner board. LDG did an chip replacement upgrade to V2.8 that is installed in this unit. The tuner is giving me random operation including variable SWR indications. LDG no longer supports this tuner with no diagrams available. The first place I would like to start is relay testing and replacement, starting mainly with the unit transfer relay which may be identified as K8. There are 15 relays and are all labeled FRT3-SL2 9V with 2 Latching coils. In searching all I can find with this number is for 12V coils. This relay may still pull in at 9V, but may be unreliable. Wonder if if anyone in the group has source info on diagrams or a relay replacement. Thanks Jim

8036. Re: [LDG-auto-tuners] Re: I think I'm ready to give up !

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-10-27 16:34:11 UTC
From: Ralph Mowery
Topic: 8000 Message: 8036

It may be scrimping or it may be the metric to American conversion.
I don't recall the details ,but MFJ was making some antenna tuners and the threads on the so-239 would not fit very well with the American pl259s. I don't think they were really using cheep connectors but just some mechanical conversion problems.

From: "rmckee1957@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com>
To: LDG-auto-tuners@...m
Sent: Thursday, October 27, 2016 9:46 AM
Subject: Re: [LDG-auto-tuners] Re: I think I'm ready to give up !

  Another quick fix here and one that I have used many times over the years is when I have a loose center pin, I squeeze the pin on the PL-259 with pliers to make it slightly oval which makes it fit tighter in the SO-239 socket. You can also build it up a little with silver bearing solder on the outside to make it thicker. Just don't know why so many manufacturers scrimp on something as trivial as a coax connector !
Rick - KC8AON

8037. Re: [LDG-auto-tuners] Re: I think I'm ready to give up !

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-10-27 17:57:05 UTC
From: steve.lenaghan@...
Topic: 8000 Message: 8037

I have an AT-100ProII and would like to wonder why it says pro.

I just finished a military exercise with a number of countries on 44 frequencies. I cannot count the number of times the box found it necessary to go through a long retune cycle. Each channel was pretuned on two different antennas so should be in memory.

Using ALE the sounding cycle is not long and by the time the tuner figures out what to do, transmission stops.

I have another radio with a blistering fast tuner so the choice for next year is a T2FD or the bigger radio. This is not a good tuner for ALE since it cannot be easily forced into bypass during scan cycle. The last tuned channel is often a poor receive tune for the next channels. For the same reason it is poor for WSPR.

I'm surprised of the lack of variety of tuners with USB capabilities.

And don't use the excuse of RF feedback, its a tin box just full of RF and should be able to take 100 watts in a confined space. Stick your finger inside sometime to get a feeling of what is floating around.

Steve CIW406

8038. Re: [LDG-auto-tuners] Re: I think I'm ready to give up !

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-10-27 18:12:44 UTC
From: Craig
Topic: 8000 Message: 8038

Per the user manual, you should have tried raising the automatic tune initiation threshold. That most likely would have solved your problem.

73, Craig

> On Oct 27, 2016, at 1:57 PM, steve.lenaghan@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:
>
>
>
> I have an AT-100ProII and would like to wonder why it says pro.
>
> I just finished a military exercise with a number of countries on 44 frequencies. I cannot count the number of times the box found it necessary to go through a long retune cycle. Each channel was pretuned on two different antennas so should be in memory.
>
> Using ALE the sounding cycle is not long and by the time the tuner figures out what to do, transmission stops.
>
> I have another radio with a blistering fast tuner so the choice for next year is a T2FD or the bigger radio. This is not a good tuner for ALE since it cannot be easily forced into bypass during scan cycle. The last tuned channel is often a poor receive tune for the next channels. For the same reason it is poor for WSPR.
>
> I'm surprised of the lack of variety of tuners with USB capabilities.
>
> And don't use the excuse of RF feedback, its a tin box just full of RF and should be able to take 100 watts in a confined space. Stick your finger inside sometime to get a feeling of what is floating around.
>
> Steve CIW406
>
>
>
>

8039. Re: [LDG-auto-tuners] Re: I think I'm ready to give up !

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-10-28 14:57:59 UTC
From: steve.lenaghan@...
Topic: 8000 Message: 8039

I did, quite a while ago and it didn't make significant difference. Going past what it is set for now risks stressing my radio finals. For the heck of it I went up one more setting and half the channels in our training group retuned.

Most channels border ham bands but some are not at all harmonically related and the tuner has trouble with my 135' OCF.

Conclusion: Probably good for regular ham use, but inadequate for the ALE environment. Hear lots of grousing that the PC version was discontinued. There is a workaround to force the tuner into bypass but those I've talked to have not gotten it to work reliably. Setting bypass is only temporary, next channel change it drops out.

Pro: It has 6 meters which MFJ doesn't, and the watt meter is fairly consistent with my Bird.

I don't have the luxury (anymore) of having a squad of signalers building me field expedient antennas.

VVV Steve CIW406

8040. Thanks

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-10-29 19:04:22 UTC
From: stanleybadams@...
Topic: 8040 Message: 8040

I sent in a Pro 600 that I purchased about three yrs ago and which never worked as it was erratic. I finally sent it in and Dewayne found the problem too and they sent me a new 600ProII without cost. All I can say is wow!

Stan Adams
Memphis
W4SBA

8041. Re: LDG tuners as remote tuner

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-10-29 19:07:21 UTC
From: stanleybadams@...
Topic: 7990 Message: 8041

GE sells an RTV that is for electronics and it is so labled and does not have the acetic acid smell. I have used it for 30 plus yrs with MCI, Sprint and me.

Stan Adams
W4SBA

8042. Re: [LDG-auto-tuners] Re: I think I'm ready to give up !

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-10-31 12:17:20 UTC
From: rmckee1957@...
Topic: 8000 Message: 8042

Well, my tuner is ready to be relegated to paper weight status. It's doing it weird thing again, get it tuned with low power and then when transmitting a full 100 watts the swr is dancing all over the place. But it's weird, the tuner isn't changing its settings - no relays switching or anything like that and even disconnected the power and the swr still changes on peaks. I even pulled the cover off and watched it with the lights off to see if I could see any arching with none noted. At this point I'm just putting it away so I don't even have to look at it, this is the third LDG tuner I've had with trouble from all 3 - time to move on and not look back.

Rick
KC8AON

8043. Re: [LDG-auto-tuners] Re: I think I'm ready to give up !

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-10-31 14:14:15 UTC
From: Craig
Topic: 8000 Message: 8043

Yes it is probably time to move on. Respectfully, Craig

> On Oct 31, 2016, at 8:17 AM, rmckee1957@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:
>
>
>
> Well, my tuner is ready to be relegated to paper weight status. It's doing it weird thing again, get it tuned with low power and then when transmitting a full 100 watts the swr is dancing all over the place. But it's weird, the tuner isn't changing its settings - no relays switching or anything like that and even disconnected the power and the swr still changes on peaks. I even pulled the cover off and watched it with the lights off to see if I could see any arching with none noted. At this point I'm just putting it away so I don't even have to look at it, this is the third LDG tuner I've had with trouble from all 3 - time to move on and not look back.
>
>
>
> Rick
>
> KC8AON
>
>
>
>

8044. Re: I think I'm ready to give up !

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-11-04 16:34:54 UTC
From: rmckee1957@...
Topic: 8000 Message: 8044

It does it with other rigs too - not just the one !

---In LDG-auto-tuners@yahoogroups.com, <k4pdm@...> wrote :

Is it possible that the rig has a spurious oscillation? If you talk into the mic on SSB, does it continue to put out RF, like a carrier, until you unkey?

Sent from Yahoo Mail for iPhone https://yho.com/footer0

On Thursday, September 29, 2016, 12:59 PM, rmckee1957@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:

The last couple of months have been terrible here with my dad being hospitalized and then passed away last week and my equipment sitting around collecting dust. So to take my mind off things, I decided to try to work a little HF over the weekend. I connect my antenna, turn on the rig and hit the tune button and get a good match right away and start calling to see if the gang is around. I see the bar graph display jumping on voice peaks on the Icom 706Mk2 and thought I had it on power output mode but then noticed it was set to display swr. So I start checking ground wires, coax jumpers and other connections to see if I could find something loose and every thing seems good. I check the swr with a steady cw carrier and all shows fine but that is with only 10 watts. Go back to SSB and start calling and the swr is all over the place again but I notice the tuner isn't actually tuning - the swr is just fluctuating. So as a process of elimination, I disconnect the Z11 Pro2 and put the MFJ-949D in its place and tune up and start calling and the swr is rock solid. So I pull the cover off the Z11 to see if there is any evidence of arching with nothing obvious showing. Reconnect it with the top off so I can watch it while transmitting with the lights down low so I could see any flashes and none noted and even looked to see if there was anything loose in the tuner and everything looked solid. I'm really puzzled by this, so does anyone have any ideas ?

Rick - kc8aon

8045. RT 600 questions?????

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-11-10 22:32:03 UTC
From: k2mme@juno.com
Topic: 8045 Message: 8045

Hi
I am running an RT600. I find that it does not remember prior setting and I have to do a full tune each time. I thought the relays were latching. All power is removed when I shut down.

Is there anyway to reverse the LC network?

Howie k2mme

_____
Police Urge Americans to Carry This With Them at All Times
Smart Trends
http://thirdpartyoffers.juno.com/TGL3131/5824f5cc1b47575cc3153st01vuc

8046. Re: RT 600 questions?????

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-11-12 21:29:52 UTC
From: ldgyahoo@...
Topic: 8045 Message: 8046

Howie,

Some of the RT-600 manuals have a typo. The RT-600 does not have latching relays. The RT-100 does have latching relays. The latest manual is available on the LDG web site.

There is no way to reverse the L-C network. The tuner calculates that when tuning and I'm not sure how anyone would know which way to configure it if manual control was available. Many of our generic tuners have that feature, but we rarely (maybe never) hear of anyone using that.

Dwayne Kincaid
LDG

8047. LDG AT-1000Pro Autotuner for sale

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-11-12 22:55:18 UTC
From: k5iid@...
Topic: 8047 Message: 8047

I have a very nice condition AT-1000Pro Autotuner for sale. Offers?
It is just excess to my needs these days.
Tom K5IID

8048. RT 100 Schematic

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-11-12 23:51:43 UTC
From: iz0inx@...
Topic: 8048 Message: 8048

I own a RT100, which is a great tuner, but I'd like to have its schematic, does anyone have it available?
I couldn't find it on the LDG site
Thanks
73, Filippo IZ0INX

8049. Re: RT 100 Schematic

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-11-16 13:06:46 UTC
From: rmckee1957@...
Topic: 8048 Message: 8049

The is a place for the schematics in the files section of this group but I just checked and its not there, and LDG doesn't offer their schematics for some reason.

Rick - kc8aon

8050. Re: RT 100 Schematic

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-11-16 15:28:34 UTC
From: iz0inx@...
Topic: 8048 Message: 8050

Thanks for replying Rick, yes I've already checked in the file section.

I believe that It's really a pity not providing schematics with electronic devices, but in case of devices destined to OM, it is really a shame...

Although I own three LDG tuner, for which I'm quite satisfied, I definitely disagree with that LDG policy.

Filippo - IZ0INX

8051. Re: [LDG-auto-tuners] Re: RT 100 Schematic

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-11-16 19:11:14 UTC
From: Craig
Topic: 8048 Message: 8051

I believe LDG intends to post some files. I'll send a note to them.

73,

Craig

> On Nov 16, 2016, at 10:28 AM, iz0inx@... [LDG-auto-tuners]
<LDG-auto-tuners@yahoogroups.com> wrote:
>
>
>
> Thanks for replying Rick, yes I've already checked in the file section.
>
> I believe that It's really a pity not providing schematics with electronic devices, but in case of devices destined to OM, it is really a shame...
>
> Although I own three LDG tuner, for which I'm quite satisfied, I definitely disagree with that LDG policy.
>
> Filippo - IZ0INX
>
>
>
>

8052. Re: RT 100 Schematic

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-11-16 20:59:48 UTC
From: rmckee1957@...
Topic: 8048 Message: 8052

LDG is not the only ones that no longer offer schematics to their products, lots of companies doing that these days. I even noticed that MFJ no longer offers schematics for their super simple manual tuners !

Rick - kc8aon

8053. DTS-6R to DTS-6 cable info

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-11-29 22:09:08 UTC
From: jjcamilli@...
Topic: 8053 Message: 8053

what kind of cable and termination is used between the DTS-6R and the DTS-6 to allow the 6R to control the 6?

Joe N7QPP

8054. Re: DTS-6R to DTS-6 cable info

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-12-02 23:08:12 UTC
From: ldgyahoo@...
Topic: 8053 Message: 8054

It's a stereo 1/8" cable.

Dwayne Kincaid
LDG

8055. Schematics

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-12-02 23:26:22 UTC
From: ldgyahoo@...
Topic: 5033 Message: 8055

Hi all,

We've started adding in the files section of this group with schematics of some of the older discontinued products.

We'll add more schematics of discontinued units as we verify the accuracy of the old files.

Dwayne Kincaid
LDG

8056. Re: Schematics

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-12-04 22:39:37 UTC
From: iz0inx@...
Topic: 5033 Message: 8056

Thanks for the update Dwayne, but the question is: why only adding schematics of the older discontinued products?
What would be very useful and appreciated is to add schematics of current products as well .

Thanks,
Filippo - IZ0INX

8058. New LDG AT-600PROII

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-12-10 20:15:59 UTC
From: dmurman@...
Topic: 8058 Message: 8058

I just bought an LDG AT-600PROII and have a question about its operation. I have two radios, ICOM 706MKII and a Collins S-Line. Now if I don't turn on the 706 I cannot turn on the tuner. I have to power on the 706 to get the tuner to turn on. I have the cable that runs from the 706 to the tuner. Is this an issue with the AT-600PROII? Is there another way to interface the tuner so that it works with either rig without the 706 needed to be powered on?

Thanks;
David
WA4ECM

8059. Re: [LDG-auto-tuners] New LDG AT-600PROII

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-12-10 22:54:32 UTC
From: Ron Baran
Topic: 8058 Message: 8059

Hi David,

I have the LDG AT 1000 Pro II which is similar to your tuner. The tuner derived its 11-15V DC from either the 706 OR from a wall wart that should have been provided with your tuner. There is a four conductor jumper that goes from the back of the 706 to the two jacks on the back of the tuner called "radio" and "power". That jumper allows the front "tune" button on the 706 to tune. If you want to use the tuner with the 706 powered down then supply the required voltage to the "power" jack and then you can tune the Collins with the tune button on the front of the tuner.

Hope this helps. OR, you can just power up the ICOM.

Ron
W9XS

From: LDG-auto-tuners@yahoogroups.com <LDG-auto-tuners@yahoogroups.com> on behalf of dmurman@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com>
Sent: Saturday, December 10, 2016 2:15 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] New LDG AT-600PROII

I just bought an LDG AT-600PROII and have a question about its operation. I have two radios, ICOM 706MKII and a Collins S-Line. Now if I don't turn on the 706 I cannot turn on the tuner. I have to power on the 706 to get the tuner to turn on. I have the cable that runs from the 706 to the tuner. Is this an issue with the AT-600PROII? Is there another way to interface the tuner so that it works with either rig without the 706 needed to be powered on?

Thanks;

David

WA4ECM

8060. Re: [LDG-auto-tuners] New LDG AT-600PROII

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-12-11 04:41:27 UTC
From: Brian Denley
Topic: 8058 Message: 8060

Are you using the IC-PAC interface cable? That cable is Icom specific. You would need to provide power to the back jack with a separate cable if using a non-icom transceiver.

Brian Denley
KB1VBF
Sent from my iPad

> On Dec 10, 2016, at 5:54 PM, Ron Baran ronbaran@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:
>
> Hi David,
>
>
> I have the LDG AT 1000 Pro II which is similar to your tuner. The tuner derived its 11-15V DC from either the 706 OR from a wall wart that should have been provided with your tuner. There is a four conductor jumper that goes from the back of the 706 to the two jacks on the back of the tuner called "radio" and "power". That jumper allows the front "tune" button on the 706 to tune. If you want to use the tuner with the 706 powered down then supply the required voltage to the "power" jack and then you can tune the Collins with the tune button on the front of the tuner.
>
>
> Hope this helps. OR, you can just power up the ICOM.
>
>
> Ron
> W9XS
>
>
>
> From: LDG-auto-tuners@yahoogroups.com <LDG-auto-tuners@yahoogroups.com> on behalf of dmurman@verizon.net [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com>
> Sent: Saturday, December 10, 2016 2:15 PM
> To: LDG-auto-tuners@yahoogroups.com
> Subject: [LDG-auto-tuners] New LDG AT-600PROII
>
>
> I just bought an LDG AT-600PROII and have a question about its operation. I have two radios, ICOM 706MKII and a Collins S-Line. Now if I don't turn on the 706 I cannot turn on the tuner. I have to power on the 706 to get the tuner to turn on. I have the cable that runs from the 706 to the tuner. Is this an issue with the AT-600PROII? Is there another way to interface the tuner so that it works with either rig without the 706 needed to be powered on?
>
>

>
>
>
> Thanks;
>
> David
>
> WA4ECM
>
>

8061. Re: [LDG-auto-tuners] New LDG AT-600PROII

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-12-12 01:14:56 UTC
From: David Murman
Topic: 8058 Message: 8061

Yes I am using the interface cable for the ICOM. I have a AT-200PROII and that worked fine between the two radios. Using the S-Line I did not have to turn on the ICOM to make it tune. I replaced a manual tuner with the AT-600PROII as I have a 30l1 that I like to use and the AT-200PROII does not handle anything over 200 watts. Just seems the AT-600PROII needs something from the ICOM to make it work when connected to the tuner via the interface cable. Oh I do have a separate 12VDC line connected to the tuner along with the interface cable.

David
WA4ECM

-----Original Message-----
From: Brian Denley b.denley@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com>
To: LDG-auto-tuners <LDG-auto-tuners@yahoogroups.com>
Sent: Sat, Dec 10, 2016 10:41 pm
Subject: Re: [LDG-auto-tuners] New LDG AT-600PROII

Are you using the IC-PAC interface cable? That cable is Icom specific. You would need to provide power to the back jack with a separate cable if using a non-icom transceiver.

Brian Denley
KB1VBF
Sent from my iPad

On Dec 10, 2016, at 5:54 PM, Ron Baran ronbaran@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:

Hi David,

I have the LDG AT 1000 Pro II which is similar to your tuner. The tuner derived its 11-15V DC from either the 706 OR from a wall wart that should have been provided with your tuner. There is a four conductor jumper that goes from the back of the 706 to the two jacks on the back of the tuner called "radio" and "power". That jumper allows the front "tune" button on the 706 to tune. If you want to use the tuner with the 706 powered down then supply the required voltage to the "power" jack and then you can tune the Collins with the tune button on the front of the tuner.

Hope this helps. OR, you can just power up the ICOM.

Ron
W9XS

From: LDG-auto-tuners@yahoogroups.com <LDG-auto-tuners@yahoogroups.com> on behalf of dmurman@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com>
Sent: Saturday, December 10, 2016 2:15 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] New LDG AT-600PROII

I just bought an LDG AT-600PROII and have a question about its operation. I have two radios, ICOM 706MKII and a Collins S-Line. Now if I don't turn on the 706 I cannot turn on the tuner. I have to power on the 706 to get the tuner to turn on. I have the cable that runs from the 706 to the tuner. Is this an issue with the AT-600PROII? Is there another way to interface the tuner so that it works with either rig without the 706 needed to be powered on?

Thanks;
David
WA4ECM

8062. Re: [LDG-auto-tuners] New LDG AT-600PROII

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-12-12 01:20:03 UTC
From: David Murman
Topic: 8058 Message: 8062

Thanks Ron. I do have a separate power cable from my power supply to the Tuner. I really would like to be able to have the AT-600PROII tune when using the Collins S-Line without having to turn on the ICOM. Now if I remove the ICOM cable the tuner will power on ok. With the ICOM interface cable connected and the ICOM turned off the tuner will not power on.

David
WA4ECM

-----Original Message-----
From: Ron Baran ronbaran@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com>
To: LDG-auto-tuners <LDG-auto-tuners@yahoogroups.com>
Sent: Sat, Dec 10, 2016 5:24 pm
Subject: Re: [LDG-auto-tuners] New LDG AT-600PROII

Hi David,

I have the LDG AT 1000 Pro II which is similar to your tuner. The tuner derived its 11-15V DC from either the 706 OR from a wall wart that should have been provided with your tuner. There is a four conductor jumper that goes from the back of the 706 to the two jacks on the back of the tuner called "radio" and "power". That jumper allows the front "tune" button on the 706 to tune. If you want to use the tuner with the 706 powered down then supply the required voltage to the "power" jack and then you can tune the Collins with the tune button on the front of the tuner.

Hope this helps. OR, you can just power up the ICOM.

Ron
W9XS

From: LDG-auto-tuners@yahoogroups.com <LDG-auto-tuners@yahoogroups.com> on behalf of dmurman@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com>
Sent: Saturday, December 10, 2016 2:15 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] New LDG AT-600PROII

I just bought an LDG AT-600PROII and have a question about its operation. I have two radios, ICOM 706MKII and a Collins S-Line. Now if I don't turn on the 706 I cannot turn on the tuner. I have to power on the 706 to get the tuner to turn on. I have the cable that runs from the 706 to the tuner. Is this an issue with the AT-600PROII? Is there another way to interface the tuner so that it works with either rig without the 706 needed to be powered on?

Thanks;
David
WA4ECM

8063. Re: [LDG-auto-tuners] New LDG AT-600PROII

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-12-12 01:26:31 UTC
From: David Murman
Topic: 8058 Message: 8063

I'm going to have to look at the cable connector for the interface to see if it opens the DC path from the DC input cable when interface cable is plugged in. Only thing I can think of that would not allow the turner to power up when the interface cable is plugged in and the ICOM turned off. This didn't seem to be a problem with the AT-200PROII.

David
WA4ECM

-----Original Message-----
From: David Murman <dmurman@...>
To: LDG-auto-tuners <LDG-auto-tuners@yahoogroups.com>
Sent: Sun, Dec 11, 2016 7:20 pm
Subject: Re: [LDG-auto-tuners] New LDG AT-600PROII

Thanks Ron. I do have a separate power cable from my power supply to the Tuner. I really would like to be able to have the AT-600PROII tune when using the Collins S-Line without having to turn on the ICOM. Now if I remove the ICOM cable the tuner will power on ok. With the ICOM interface cable connected and the ICOM turned off the tuner will not power on.

David
WA4ECM

-----Original Message-----
From: Ron Baran ronbaran@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com>
To: LDG-auto-tuners <LDG-auto-tuners@yahoogroups.com>
Sent: Sat, Dec 10, 2016 5:24 pm
Subject: Re: [LDG-auto-tuners] New LDG AT-600PROII

Hi David,

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Hope this helps. OR, you can just power up the ICOM.

Ron
W9XS

From: LDG-auto-tuners@yahoogroups.com <LDG-auto-tuners@yahoogroups.com> on behalf of dmurman@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com>
Sent: Saturday, December 10, 2016 2:15 PM
To: LDG-auto-tuners@yahoogroups.com

Subject: [LDG-auto-tuners] New LDG AT-600PROII

I just bought an LDG AT-600PROII and have a question about its operation. I have two radios, ICOM 706MKII and a Collins S-Line. Now if I don't turn on the 706 I cannot turn on the tuner. I have to power on the 706 to get the tuner to turn on. I have the cable that runs from the 706 to the tuner. Is this an issue with the AT-600PROII? Is there another way to interface the tuner so that it works with either rig without the 706 needed to be powered on?

Thanks;
David
WA4ECM

8064. Web site update

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-12-12 16:41:30 UTC
From: ldgyahoo@...
Topic: 8064 Message: 8064

Hello All,

We've updated the LDG Electronics web site to show the tuner selection path that includes the new FT-991(A) and FT-891 to be compatible with all LDG Generic tuners such as the Z-100Plus, Z-11ProII, AT-100ProII and AT-200ProII with the optional Y-ACC cable.

Dwayne Kincaid
LDG

8069. Re: [LDG-auto-tuners] Web site update

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-12-12 21:28:59 UTC
From: Alex Netherton
Topic: 8064 Message: 8069

Will it also work with the FT-950? I don't mind it too much to xmit on
AM for a few seconds, but a nice cable would be nice...

73 de W5ALX
Alex Netherton
Asheville, Buncombe County NC, US EM85ro
http://blueridgediscovery.org

On 12/12/2016 11:41 AM, ldgyahoo@... [LDG-auto-tuners] wrote:
>
> Hello All,
>
> We've updated the LDG Electronics web site to show the tuner selection
> path that includes the new FT-991(A) and FT-891 to be compatible with
> all LDG Generic tuners such as the Z-100Plus, Z-11ProII, AT-100ProII
> and AT-200ProII with the optional Y-ACC cable.
>
> Dwayne Kincaid
> LDG
>
>
>

8070. Re: [LDG-auto-tuners] New LDG AT-600PROII

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-12-12 23:16:18 UTC
From: Alex Netherton
Topic: 8058 Message: 8070

To use with the 706, it takes power off the 706 rear panel to run the tuner. If the 706 is not on, you will need a wire with a plug on it that goes to the concentric plug on the back panel of the tuner and supply it with 12v DC. I run an AT-100 ProII with my Icom 7000, plugged into the "tuner" 4 pin plug, but with my Yaesu 950, I use an AT-600 ProII, and have to have a plug with 12v. Look on the tuner back panel. Email me directly if you need more help. A 12v wall wart will work if the plug is right.

73 de W5ALX
Alex Netherton
Asheville, Buncombe County NC, US EM85ro
http://blueridgediscovery.org

On 12/10/2016 3:15 PM, dmurman@... [LDG-auto-tuners] wrote:
>
> I just bought an LDG AT-600PROII and have a question about its
> operation. I have two radios, ICOM 706MKII and a Collins S-Line. Now
> if I don't turn on the 706 I cannot turn on the tuner. I have to power
> on the 706 to get the tuner to turn on. I have the cable that runs
> from the 706 to the tuner. Is this an issue with the AT-600PROII? Is
> there another way to interface the tuner so that it works with either
> rig without the 706 needed to be powered on?
>
>
>
> Thanks;
>
> David
>
> WA4ECM
>
>

8071. Please explain this

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-12-13 03:56:19 UTC
From: David Birnbaum
Topic: 8071 Message: 8071

I have an RT-100 which has been working fine. Recently I had to replace the pushbutton switch that controls the DC power. Unfortunately I picked up a normally open switch but when I push and hold the switch to tune the antenna the tuner works. When I release the button the antenna stays tuned. It's behaving as if the relays in the tuner were latching relays but I've been told that there are no latching relays. So while I'm waiting for my NC pushbutton to arrive can I leave the current setup and just power the tuner when I change bands?

dave
k2lyv

8072. Re: [LDG-auto-tuners] Please explain this

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-12-13 04:15:46 UTC
From: Craig
Topic: 8071 Message: 8072

If I'm correct, the RT-100 does have latching relays so a normally open pushbutton is the right choice so I wouldn't change anything.

73,

Craig

> On Dec 12, 2016, at 10:56 PM, David Birnbaum dbirnbau@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:
>
>
>
> I have an RT-100 which has been working fine. Recently I had to replace the pushbutton switch that controls the DC power. Unfortunately I picked up a normally open switch but when I push and hold the switch to tune the antenna the tuner works. When I release the button the antenna stays tuned. It's behaving as if the relays in the tuner were latching relays but I've been told that there are no latching relays. So while I'm waiting for my NC pushbutton to arrive can I leave the current setup and just power the tuner when I change bands?
>
> dave
> k2lyv
>
>
>

8073. Re: [LDG-auto-tuners] Please explain this

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-12-13 13:16:47 UTC
From: dennishohman@...
Topic: 8071 Message: 8073

The Tune button is normally closed and just interrupts the DC going to the tuner when it is pushed which will start a retune/memory cycle. The same functionality can be achieved by using the power switch. Once ON, the tuner should detect your band change so turning it on and off and back on should not be necessary unless you want to force a retune.

Dennis
WA2TDE

8074. Re: Please explain this

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-12-13 13:49:56 UTC
From: dennishohman@...
Topic: 8071 Message: 8074

It sounds like you have replaced the TUNE switch which is Normally Closed. When Pushed it interrupts DC to the tuner and when released the tuner comes back on and will do a tune cycle. The same functionality can be had by using cycling the power with the power switch. That is the way it works for my RT-100.

Dennis, WA2TDE

8075. Re: Please explain this

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-12-14 16:32:54 UTC
From: David Birnbaum
Topic: 8071 Message: 8075

I understand how the tuner normally works. But in my current setup there is normally no power to the tuner until I push the button. When I do so the tuner goes through a tune cycle. When I release the button the antenna stays tuned. That shouldn't happen if the RT-100 uses normal realys since when power goes off when I release the button the realys should all open up and the tuner is no longer properly configured to tune the antenna.

In the past I've been told the tuner does not use latching relays. If it does use latching relays that would explain the behavior I'm seeing. The only disadvantage of my current setup is that if I change frequency the tuner won't re-tune unless I force it by pushing the button.

dave
k2lyv

8076. Re: Please explain this

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-12-14 18:28:14 UTC
From: larrylb@...
Topic: 8071 Message: 8076

I would think the tuner would need to be powered on to "tune" if you changed bands or frequencies. using the NO button and pushing the TUNE button would tune to your desired frequency.

can you just tune using the "tune" button without pushing the Power button.
I will have to see if my tuner, not an RT100 will work without powering it on.
I'm guessing it won't otherwise why would you need the power?

Larry

8077. Re: [LDG-auto-tuners] Re: Please explain this

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-12-14 23:00:40 UTC
From: Jim Allen
Topic: 8071 Message: 8077

My RT100 doesn't do anything with the power off, but it does retain the last setting, whatever it was. With power on, it will tune if it needs to when it senses RF. I only operate CW QRP, probably in a restrictive range on each band, the lowest 50-60 kHz or so. I can't remember the last time I asked it to force a tune it didn't see the need to do.

73 Jim Allen W6OGC

Sent from my iPad

> On Dec 14, 2016, at 12:28, larrylb@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:
>
> I would think the tuner would need to be powered on to "tune" if you changed bands or frequencies.
>
> using the NO button and pushing the TUNE button would tune to your desired frequency.
>
> can you just tune using the "tune" button without pushing the Power button.
> I will have to see if my tuner, not an RT100 will work without powering it on.
> I'm guessing it won't otherwise why would you need the power?
>
> Larry
>
>

8078. Re: [LDG-auto-tuners] Re: Please explain this

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-12-15 04:13:54 UTC
From: Brian Denley
Topic: 8071 Message: 8078

Why is the power to the tuner ever off?

Brian
KB1VBF
Sent from my iPad

> On Dec 14, 2016, at 6:00 PM, Jim Allen Jim.Allen@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:
>
> My RT100 doesn't do anything with the power off, but it does retain the last setting, whatever it was. With power on, it will tune if it needs to when it senses RF. I only operate CW QRP, probably in a restrictive range on each band, the lowest 50-60 kHz or so. I can't remember the last time I asked it to force a tune it didn't see the need to do.
>
> 73 Jim Allen W6OGC
>
> Sent from my iPad
>
>> On Dec 14, 2016, at 12:28, larrylb@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:
>>
>>
>> I would think the tuner would need to be powered on to "tune" if you changed bands or frequencies.
>>
>> using the NO button and pushing the TUNE button would tune to your desired frequency.
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>> I will have to see if my tuner, not an RT100 will work without powering it on.
>> I'm guessing it won't otherwise why would you need the power?
>>
>> Larry
>>
>
>

8079. Z11 pro II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-12-15 07:55:13 UTC
From: silvergak@...
Topic: 8079 Message: 8079

I have my Z11 remotely installed at the base of a elevated radial vertical. 1:1 balun on the output.
Works very well.
Is there a way to remotely put the z11 in bypass?

8080. Re: [LDG-auto-tuners] Re: Please explain this

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-12-15 04:40:00 UTC
From: Jim Allen
Topic: 8071 Message: 8080

I turn the power off on all the gear when I am not in the shack, except a 13.8v power supply, and disconnect the antenna.

73 Jim Allen W6OGC

Sent from my iPad

> On Dec 14, 2016, at 22:13, Brian Denley b.denley@comcast.net [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:
>
> Why is the power to the tuner ever off?
>
> Brian
> KB1VBF
> Sent from my iPad
>
>> On Dec 14, 2016, at 6:00 PM, Jim Allen Jim.Allen@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:
>>
>>
>> My RT100 doesn't do anything with the power off, but it does retain the last setting, whatever it was. With power on, it will tune if it needs to when it senses RF. I only operate CW QRP, probably in a restrictive range on each band, the lowest 50-60 kHz or so. I can't remember the last time I asked it to force a tune it didn't see the need to do.
>>
>> 73 Jim Allen W6OGC
>>
>> Sent from my iPad
>>
>>> On Dec 14, 2016, at 12:28, larrylb@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:
>>>
>>>
>>> I would think the tuner would need to be powered on to "tune" if you changed bands or frequencies.
>>>
>>> using the NO button and pushing the TUNE button would tune to your desired frequency.
>>>
>>> can you just tune using the "tune" button without pushing the Power button.
>>> I will have to see if my tuner, not an RT100 will work without powering it on.
>>> I'm guessing it won't otherwise why would you need the power?
>>>
>>> Larry
>>>
>

>

8081. Re: Please explain this

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-12-15 12:52:34 UTC
From: Dennis Hohman
Topic: 8071 Message: 8081

The RT-100 uses latching relays so it will retain its last setting before shutting the power off.

When you say push the button, which button? The RC-100 controller has as a power and a tune button. Perhaps you are not using the RC-100.

Dennis

WA2TDE

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

8082. Homebrew Z-100 Plus Interface Cable for FT-950

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-12-15 17:51:40 UTC
From: waltw1@...
Topic: 8082 Message: 8082

Has anyone tried to build a homebrew interface cable for connecting an FT-950 and an LDG Z-100 Plus?

Looking for a schematic / connector pin-outs, if possible.

Thanks, in advance.

de Walt W0RON

8083. Re: Please explain this

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-12-16 12:39:42 UTC
From: larrylb@...
Topic: 8071 Message: 8083

you know it is funny as to what Hams do when leaving the shack. I don't unhook my antennas from the tuner back 20+ years ago I
would unhook the coax from the radio and place the coax connector
in a glass jar. now I just power off everything. old and lazy?
Our local radio club had a power surge not a lightening strike it
knocked out several radios and computers.
I've been luck nothing like that has happened to me.....yet.

LARRY KB8EMD

8084. Re: [LDG-auto-tuners] Re: Please explain this

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-12-16 15:51:26 UTC
From: Charles Scott
Topic: 8071 Message: 8084

Larry:

It is funny, but sometimes not funny. The glass jar thing is one of those. The amount of voltage that can be generated at the end of an un-terminated cable, in even just a nearby strike, can be substantial. It's not likely the class jar will do much to contain a discharge. The better thing is to terminate the cable to a ground point somewhere in your single-point ground window so that both the shield and the center conductor are grounded, OR, just leave it connected to the radio (which should also be in the single-point ground window with a protector on it somewhere). --- Just saying...

Chuck - N8DNX

On 12/16/2016 7:39 AM, larrylb@... [LDG-auto-tuners] wrote:
>
>
> you know it is funny as to what Hams do when leaving the shack.
> I don't unhook my antennas from the tuner back 20+ years ago I
> would unhook the coax from the radio and place the coax connector
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> Our local radio club had a power surge not a lightening strike it
> knocked out several radios and computers.
> I've been luck nothing like that has happened to me.....yet.
>
> LARRY KB8EMD

8085. Re: [LDG-auto-tuners] Homebrew Z-100 Plus Interface Cable for FT-950

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-12-17 11:05:59 UTC
From: Alex Netherton
Topic: 8082 Message: 8085

Looks like LDG has come out with a cable for the 950, 450 and 1200. I am going to take a look on their web page.

73 de W5ALX
Alex Netherton
Asheville, Buncombe County NC, US EM85ro
http://blueridgediscovery.org

On 12/15/2016 12:51 PM, waltw1@... [LDG-auto-tuners] wrote:
>
> Has anyone tried to build a homebrew interface cable for connecting an
> FT-950 and an LDG Z-100 Plus?
>
>
> Looking for a schematic / connector pin-outs, if possible.
>
>
> Thanks, in advance.
>
>
> de Walt W0RON
>
>

8086. Re: Please explain this

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-12-19 00:26:27 UTC
From: Wayne Crawford
Topic: 8071 Message: 8086

I read some where, where a guy did the glass jar thing. He did in fact take a direct hit. It blew up the jar.

8087. Re: [LDG-auto-tuners] Re: Please explain this

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-12-19 01:35:34 UTC
From: Joe
Topic: 8071 Message: 8087

On 12/18/2016 7:26 PM, Wayne Crawford resopkr@... [LDG-auto-tuners] wrote:
> Iread some where, where a guy did the glass jar thing. He did in fact
> take a direct hit. It blew up the jar.

I really don't see this happening. By placing the end of the cable in a glass jar you would be setting up a very high resistance to ground for the energy. Where would the energy flow to after it entered the jar? The only possible thing is that the end of the connector was arcing over to itself. There are videos of this on YouTube showing the connector end arcing, but I don't see this as creating enough energy to blow up the jar.

A direct hit is going to take the path (or more correctly paths) of least resistance. I don't see going to a glass jar. Maybe someone else can explain how this may happen.

Joe, K1ike

8088. Re: [LDG-auto-tuners] Re: Please explain this

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-12-19 02:32:05 UTC
From: Craig
Topic: 8071 Message: 8088

Glass jar being a good insulator, more charge building up before arc over, hot resulting higher net energy plasma arc from inside to outside the jar fractures it. I've heard some wild first hand stories of direct hits. With a direct hit, ground vs center conductor does not always behave as we may think.

73, Craig N4FSC

> On Dec 18, 2016, at 8:35 PM, Joe k1ike_mail@snet.net [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:
>
> On 12/18/2016 7:26 PM, Wayne Crawford resopkr@... [LDG-auto-tuners] wrote:
>> Iread some where, where a guy did the glass jar thing. He did in fact
>> take a direct hit. It blew up the jar.
>
> I really don't see this happening. By placing the end of the cable in a
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> the energy. Where would the energy flow to after it entered the jar?
> The only possible thing is that the end of the connector was arcing over
> to itself. There are videos of this on YouTube showing the connector
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> the jar.
>
> A direct hit is going to take the path (or more correctly paths) of
> least resistance. I don't see going to a glass jar. Maybe someone else
> can explain how this may happen.
>
> Joe, K1ike
>
>
> ------------------------------------
> Posted by: Joe <k1ike_mail@...>
> ------------------------------------
>
>
> ------------------------------------
>
> Yahoo Groups Links
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8089. Re: [LDG-auto-tuners] Re: Please explain this

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-12-19 17:45:19 UTC
From: Charles Scott
Topic: 8071 Message: 8089

Joe:

The thing to keep in mind is that we're dealing with potentially very high voltages and lots of current. A cable that's not terminated on one end but into which current can be induced can end up with an amazing amount of voltage at the free end. If it runs parallel to the strike or other conductors that have impulse current induced in them (either directly or by coupling to them) energy is induced into the cable with the free end being a voltage node. The coax insulation and the jar are not sufficient to prevent a discharge to something nearby, or perhaps even across the room. If that free end is instead terminated, it's no longer a high-voltage node, or at least everything associated with it is at the same voltage (single point ground concept).

Also, a hit taking the path of least resistance is a relative matter. Even if you assume that path is a low resistance, there's going to be lots of current and much of that is effectively at a high frequency. That make any conductor a voltage dropping resistor and also an inductor that has reactance.

These are the reasons that lots of things near a strike also get hit, although perhaps with less energy and often not from the main strike but from other induced current/voltage. The main point here is that this much energy is not easily contained, which is why you need to deal with it wisely. So, if you're going to disconnect a transmission line, the best thing to do is to throw it outside and well clear of the house!

Chuck - N8DNX

On 12/18/2016 8:35 PM, Joe k1ike_mail@... [LDG-auto-tuners] wrote:
>
> I really don't see this happening. By placing the end of the cable in a
> glass jar you would be setting up a very high resistance to ground for
> the energy. Where would the energy flow to after it entered the jar?
> The only possible thing is that the end of the connector was arcing over
> to itself. There are videos of this on YouTube showing the connector
> end arcing, but I don't see this as creating enough energy to blow up
> the jar.
>
> A direct hit is going to take the path (or more correctly paths) of
> least resistance. I don't see going to a glass jar. Maybe someone else
> can explain how this may happen.
>
> Joe, K1ike
>

8091. AT-200PROII 'No-Tune'

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-12-27 20:30:47 UTC
From: va7mnm@...
Topic: 8091 Message: 8091

Hello, group.

I am having an issue with my AT-200PROII tuner and not sure yet if I need to send it in for repairs.

I have the AT-200 ProII tuner paired with an ICOM-7200.
Everything has been working fine for the past year, but then all of a sudden after working PSK31 it seemed as if some RFI was getting into the tuner. The tuner would re-tune part way into the transmission. Unhooked all cables to install snap on chokes, hooked it all back up again and now the tuner will not tune by the tuner button the IC-7200, and also not on the PROII.

When I hit 'tune' on the Pro2 I get the error message: ERR_NO_RF: Blink Once
I did a factory reset on the radio. Still the same.
Installed my original LDG IT-100 tuner to the radio. Works flawlessly.
Checked the interface cable for the PRO2 and all seems fine.
Ground connections on the tuner, radio etc. are solid and clean.
Does not appear to be my radio.

The function button on tuner and functions work fine.
Any suggestions would be very much appreciated.

Marc
--
VE7YE

8092. Re: [LDG-auto-tuners] AT-200PROII 'No-Tune'

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-12-28 20:29:05 UTC
From: Doug Pfaff
Topic: 8091 Message: 8092

Hi Marc

LDG has a user group on yahoo groups that you may find helpful, Dwayne the owner of ldg answers questions

Give LDG tech support folks a phone call,maybe you have overlooked something simple.

WONDERING IF THE TUNER PROCESSOR MIGHT BE CORUPTED if external rf meters confirmed rf is present at the input

Here is a quote from the product sheet did you exceed these power level on digital note the digital level is 50 watt

 It handles 100 watts SSB or 50 watts FM/Digital when used with a solid-state transceiver; vacuum tube transmitters cut the power ratings about in half.

Remember the tuner has a two year warranty

Have you confirmed the dc voltage level is proper between 11-16v to dc power input jack bad voltage waveform can mess up the meter electronics from a wall wart there likely to ask you about the producct yo use and the part number.

LDG will likely ask about the wall wart supply if your powering it via that input.

Have you confirmed with a cw signal thru use of a key that the error message of no rf is true read page16 for no rf description without using the tune button remember to manually set power at say 10 watt.if it tunes then the tune circuitry is suspect

Have you checked that the power output level is less than 25 w at TUNE have you put a rf wattmeter in line between the IC7200 TX output and tuner input so you have an external indication that rf does exist and this method does not rely on digital display power output of your IC 7200.

Doug VA7AFR/VE5DCP

On 27 Dec 2016 12:30:47 -0800, "va7mnm@... [LDG-auto-tuners]" wrote:

Hello, group.

I am having an issue with my AT-200PROII tuner and not sure yet if I need to send it in for repairs.

I have the AT-200 ProII tuner paired with an ICOM-7200.
Everything has been working fine for the past year, but then all of a sudden after working PSK31 it seemed as if some RFI was getting into the tuner.
The tuner would re-tune part way into the transmission. Unhooked all cables to install snap on chokes, hooked it all back up again and now the tuner will not tune by the tuner button the IC-7200, and also not on the PROII.

When I hit 'tune' on the Pro2 I get the error message: The function button on tuner and functions work fine.
Any suggestions would be very much appreciated.

Marc
--
VE7YE

Doug Pfaff
doug.pfaff@...

[Non-text portions of this message have been removed]

8093. Re: [LDG-auto-tuners] AT-200PROII 'No-Tune'

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-12-28 20:37:11 UTC
From: va7mnm@...
Topic: 8091 Message: 8093

Hi, Doug.

Those are all good points to keep in mind.
I will print out your response if my unit goes out again.

It's funny, everything was working absolutely fine for a year, then it just started to act up.
I think I will invest in some more RF snap on chokes just to be sure.
Thanks for replying.

Marc

8094. Re: AT-200PROII 'No-Tune'

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-12-28 20:30:55 UTC
From: va7mnm@...
Topic: 8091 Message: 8094

Hello, group.

I left my AT-200 unplugged for two days and have just now hooked things back up again.
All seems to be working 100% again.
I don't know what it could have been.

73 to all,

Marc, VE7YE

8095. Re: [LDG-auto-tuners] Re: AT-200PROII 'No-Tune'

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-12-29 00:25:46 UTC
From: Doug Pfaff
Topic: 8091 Message: 8095
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

8096. RT-100 No Tune

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2016-12-30 22:49:44 UTC
From: larsonjim@...
Topic: 8096 Message: 8096

I've had my RT-100 with RC-100 controller for a little more than 2 years and has worked trouble free until very recently. It must have known that the warranty just expired!!

Now, it won't tune any more. It's stuck just below the 40 meter band. It won't tune to any band. Nothing happens when I press the tune button. I've also tried the other tricks that LDG recommends.

I measured the DC voltage after the injector. I get 13.5 VDC with the coax cable disconnected from the RT-100 and 12.5 VDC when it is connected. A 1 VDC drop through the injector seems like a lot.

The power supply voltage is stable with load. I'm using the Powerwerx SPS-30DM power supply which also power my TS-50. It's the same power supply that I've used the last 2 years.

Has anybody come across this before? It'd be really nice to have a schematic but none available.

Thanks
Jim AA4NP

8097. Firmware update AT 1000 PRO II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-01-02 14:11:08 UTC
From: ntnpaolino@...
Topic: 8097 Message: 8097

Hello to all,happy new year, there is possibility to upgrade the firmware of AT1000PROII? What 's the procedure? Thank you

8098. Re: Firmware update AT 1000 PRO II

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-01-03 22:39:04 UTC
From: michael.newbury@...
Topic: 8097 Message: 8098

you cant, its a plug in chip, check on the ldg website, it gives you the details on what chip to look at and take the numbers off, and the numbers on any updated chip and where to get it from.

8099. RC/RT-100 SWR >99 Help

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-01-07 12:21:32 UTC
From: cbjesseeNH@...
Topic: 8099 Message: 8099

I have been using a LDG RC/RT-100 remote ATU at base of my G5RV antenna for a few years. Recently, my Elecraft K3s starting showing SWR >99 and the RC-100 seems unresponsive. What might be a good troubleshooting sequence?

73s,

Bret/N4SRN

8100. Re: [LDG-auto-tuners] RC/RT-100 SWR >99 Help

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-01-07 13:13:56 UTC
From: Jim Allen
Topic: 8099 Message: 8100

Start with a dummy load. Are you getting dc voltage at the RT-100? Test the coax on both sides of the RT-100.

I would eliminate the coax from the RT-100 to the twin lead, run twin lead to the RT-100 with a Balun, and extend the 102' dipole to 132' or so. When I did this years ago, it made all the difference in the world. Of course this makes it an ordinary dipole, so you lose the magic of G5RVness.

73 Jim Allen W6OGC

Sent from my iPad

> On Jan 7, 2017, at 06:21, cbjesseeNH@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:
>
> I have been using a LDG RC/RT-100 remote ATU at base of my G5RV antenna for a few years. Recently, my Elecraft K3s starting showing SWR >99 and the RC-100 seems unresponsive. What might be a good troubleshooting sequence?
>
>
>
> 73s,
>
>
>
> Bret/N4SRN
>

>

8101. LDG AT-200PC

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-01-08 16:28:10 UTC
From: donrdlph@...
Topic: 8101 Message: 8101

Hello all,
I am new to this reflector.
I have an early Flex 5000a that has an LDG at-200pc tuner in it.
It searches for a second or so and can't find a match and the display says "high SWR"
When the tuner is in bypass mode there is continuity from the input to the output.
When it is in the ATU mode there is no continuity from the input to output.
I'm thinking that one of the relays must have a bad contact.
I am in need of a schematic and can't seem to find one.
I haven't yet emailed LDG to see if they could send me one.
Maybe someone here can help.
Thanks,
Don W9BHI

8102. AT-7000

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-01-19 05:39:27 UTC
From: Ing. Juan Carlos Parra
Topic: 1968 Message: 8102

Dear Friends.

I´m user of a AT-7000 LDG tuner.

It works fine through last 5 years but last night went in fail.

When I push the Tuner button on the IC-7000 , tuner lights on the display
and go off inmediatelly. No action on the relays. I just push the reset
switch on the PC board and red light blinks as manual said. But no reaction
of the relays. All cable are ok. Perhaps a mistake in the conection sending
(by accident) power on the antenna output.

Have you some idea ? or schematics to follow the circuit ?

logoPARRAconsultores

Ing. Juan Carlos Parra Chacabuco 2312 (B1636AZF) OLIVOS Prov. de
Buenos Aires Argentina
(TEL : 4791-5935 Ê FAX : 4796-5911 È Cel: 15-5638-5046

* <mailto:ing@...> ing@... 8
<http://www.parraconsultores.com.ar/> www.parraconsultores.com.ar

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El software de antivirus Avast ha analizado este correo electrónico en busca de virus.
https://www.avast.com/antivirus

[Non-text portions of this message have been removed]

8103. AT 7000 failure

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-01-19 05:55:15 UTC
From: jcparra@...
Topic: 8103 Message: 8103

Dear Friends.

I´m user of a AT-7000 LDG tuner.
It works fine through last 5 years but last night went in fail.
When I push the Tuner button on the IC-7000 , tuner lights on the display and go off inmediatelly. No action on the relays. I just push the reset switch on the PC board and red light blinks as manual said. But no reaction of the relays. All cable are ok. Perhaps a mistake in the conection sending (by accident) power on the antenna output.

Have you some idea ? or schematics to follow the circuit ?

8104. Re: AT 7000 failure

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-01-26 19:09:48 UTC
From: ldgyahoo@...
Topic: 8103 Message: 8104

Hell,

Just to close out this thread. The customer contacted us directly and we recommended that the unit be returned for service.

Dwayne Kincaid
LDG

8105. RT/RC-100 Antenna Static Noise

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-02-01 20:21:34 UTC
From: larryiweaver@...
Topic: 8105 Message: 8105

About a week ago I noticed a 30 over static noise on my wire antenna that I tune with the RT-100. I was able to stop the noise by turning the RC-100 off and on or just a quick tx of a few watts. Today the noise seems to be here to stay as long as power is applied to the RC-100 controller. If I push the Power button on the RC-100 and turn it off all is quiet. The tuner still works though. Anyone got an idea as to what the problem might be?

Thanks,
Larry

8106. Re: RT/RC-100 Antenna Static Noise

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-02-01 21:04:03 UTC
From: jwalden@...
Topic: 8105 Message: 8106

Is the tuner grounded? If so, check all ground wire connections for corrosion.

8107. Re: [LDG-auto-tuners] RT/RC-100 Antenna Static Noise

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-02-01 23:13:40 UTC
From: Joe
Topic: 8105 Message: 8107

What are you using to power the RT-100?

Joe

On 2/1/2017 3:21 PM, larryiweaver@... [LDG-auto-tuners] wrote:
> About a week ago I noticed a 30 over static noise on my wire antenna
> that I tune with the RT-100. I was able to stop the noise by turning
> the RC-100 off and on or just a quick tx of a few watts. Today the
> noise seems to be here to stay as long as power is applied to the
> RC-100 controller. If I push the Power button on the RC-100 and turn
> it off all is quiet. The tuner still works though. Anyone got an idea
> as to what the problem might be?
> --

8108. Re: RT/RC-100 Antenna Static Noise

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-02-02 17:29:33 UTC
From: larryiweaver@...
Topic: 8105 Message: 8108

Thank you for both responses to my question. I cleaned and tightened the ground at the antenna and the RC-100 is being powered by an Astron 35A power supply. No change! :-(I am wondering if it was a moisture problem in the coax could cause this? Although by turning the power off and on multiple times I can occasionally get it to stop. Very strange to me.

Thanks again,
Larry

8109. Re: RT/RC-100 Antenna Static Noise

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-02-02 17:34:21 UTC
From: larryiweaver@...
Topic: 8105 Message: 8109

Also, I just realized that I hear this same noise in both my wire antenna which is tuned by this tuner and my vertical 50 feet away that uses no tuner. The plot thickens.....It's about 10db less in the vertical.

Larry

8110. Re: [LDG-auto-tuners] Re: RT/RC-100 Antenna Static Noise

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-02-02 19:40:10 UTC
From: Jim Allen
Topic: 8105 Message: 8110

Is that when the tuner is powered on, or when it is off, that you hear the noise in the vertical? Or both? Is the noise produced when you are transmitting, or whether or not you are transmitting?

73 Jim Allen W6OGC

Sent from my iPad

> On Feb 2, 2017, at 11:34, larryiweaver@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:
>
> Also, I just realized that I hear this same noise in both my wire antenna which is tuned by this tuner and my vertical 50 feet away that uses no tuner. The plot thickens.....It's about 10db less in the vertical.
>
>
> Larry
>

8111. Re: [LDG-auto-tuners] Re: RT/RC-100 Antenna Static Noise

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-02-02 20:34:43 UTC
From: Shanon Herron
Topic: 8105 Message: 8111

Hi Larry,

By the sound of it, the source is closer to your wire antenna. Lots of the wall warts are switch mode power supplies now. Could be something in your own shack. Phone chargers, even the one on your internet modem or router (don't forget some have a backup battery too so disconnect them too for the test), A short Tx may cause it to stop making noise, RF does some strance things to poorly build circuits.

Time to power the HF rig from a battery, hook just the antenna to the rig, Turn off one circuit at a time in the house till they are all off. I chased a noise like that for days till I did this procedure. Problem was a Vacuum Display alarm clock in my own house! Could even be the garage door opener or a heated reptile cage (another ham I know).

If this don't clear it, then next take an old CB walkie talkie and walk the neighborhood. When you get close, collapse the antenna and shield the radio with some tin foil, sweep till you find it.

Hopefully you don't have a small "grow operation" hiding in your neighborhood. Cheep import LED grow lights emit tons of crap. A microwave oven tears up my HF.

Good luck! Let us know what you find.

On Thu, Feb 2, 2017 at 2:40 PM, Jim Allen Jim.Allen@...
[LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:

>
>
> Is that when the tuner is powered on, or when it is off, that you hear the
> noise in the vertical? Or both? Is the noise produced when you are
> transmitting, or whether or not you are transmitting?
>
> 73 Jim Allen W6OGC
>
> Sent from my iPad
>
> On Feb 2, 2017, at 11:34, larryiweaver@... [LDG-auto-tuners] <
> LDG-auto-tuners@yahoogroups.com> wrote:
>
>
>
>
> Also, I just realized that I hear this same noise in both my wire antenna
> which is tuned by this tuner and my vertical 50 feet away that uses no
> tuner. The plot thickens.....It's about 10db less in the vertical.
>

> Larry
>
>
>
>
>

--
Please note my new email address: ka8spw@...

Thanks, Shanon KA8SPW

8112. Re: [LDG-auto-tuners] Re: RT/RC-100 Antenna Static Noise

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-02-02 21:15:04 UTC
From: Joe
Topic: 8105 Message: 8112

On 2/2/2017 3:34 PM, Shanon Herron ka8spw@... [LDG-auto-tuners] wrote:
> Hi Larry,
>
> By the sound of it, the source is closer to your wire antenna. Lots
> of the wall warts are switch mode power supplies now.
Hi Larry,

This is why I asked what you were powering your tuner with. Like the gentleman above states, wall warts can be a problem. When you say you powered down the station, did you only turn off the Astron? Or did you use a master switch to shut everything off? Maybe you power cycled something else if you have a master power switch for you station.

Joe

8113. Re: [LDG-auto-tuners] Re: RT/RC-100 Antenna Static Noise

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-02-02 21:01:02 UTC
From: Larry Weaver
Topic: 8105 Message: 8113

Hi Jim,

The noise is only heard when I power up the RC-100 Remote. It disappears when I turn it off. Only noise is through my receiver, nothing is heard on my signal when transmitting. I am sure it is related to the tuner and the tuner only. As I mentioned on two different occasions the noise can be stopped by turning the RC-100 off and on numerous times until it all of a sudden stops.

Larry

On 2/2/2017 2:40 PM, Jim Allen Jim.Allen@...
[LDG-auto-tuners] wrote:
> Is that when the tuner is powered on, or when it is off, that you hear
> the noise in the vertical? Or both? Is the noise produced when you
> are transmitting, or whether or not you are transmitting?
>
> 73 Jim Allen W6OGC
>
> Sent from my iPad
>
> On Feb 2, 2017, at 11:34, larryiweaver@...
> <mailto:larryiweaver@...> [LDG-auto-tuners]
> <LDG-auto-tuners@yahoogroups.com
> <mailto:LDG-auto-tuners@yahoogroups.com>> wrote:
>
>> Also, I just realized that I hear this same noise in both my wire
>> antenna which is tuned by this tuner and my vertical 50 feet away
>> that uses no tuner. The plot thickens.....It's about 10db less in the
>> vertical.
>>
>>
>> Larry
>

8114. Re: RT/RC-100 Antenna Static Noise

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-02-02 21:50:11 UTC
From: jwalden@...
Topic: 8105 Message: 8114

The tuner is power thru a bias T? All connections with it are clean ... and dry?

8115. Re: [LDG-auto-tuners] RT/RC-100 Antenna Static Noise

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-02-02 21:58:27 UTC
From: Stanley Adams
Topic: 8105 Message: 8115

Sounds like the power pack.

On Feb 1, 2017 2:52 PM, "larryiweaver@gmail.com [LDG-auto-tuners]" <
LDG-auto-tuners@yahoogroups.com> wrote:

>
>
> About a week ago I noticed a 30 over static noise on my wire antenna that
> I tune with the RT-100. I was able to stop the noise by turning the RC-100
> off and on or just a quick tx of a few watts. Today the noise seems to be
> here to stay as long as power is applied to the RC-100 controller. If I
> push the Power button on the RC-100 and turn it off all is quiet. The tuner
> still works though. Anyone got an idea as to what the problem might be?
>

>
> Thanks,
>
> Larry
>
>

8116. Re: [LDG-auto-tuners] Re: RT/RC-100 Antenna Static Noise

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-02-02 23:00:58 UTC
From: Craig
Topic: 8105 Message: 8116

Another thing to check... Open up the outdoor unit and make sure there is no corrosion on the PCB. The tuner CPU should go to sleep if there is no transmit RF but if there is some corrosion, maybe the CPU is staying awake and causing the problem you are observing.

Craig

> On Feb 2, 2017, at 4:01 PM, Larry Weaver larryiweaver@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:
>
>
>
> Hi Jim,
>
> The noise is only heard when I power up the RC-100 Remote. It disappears when I turn it off. Only noise is through my receiver, nothing is heard on my signal when transmitting. I am sure it is related to the tuner and the tuner only. As I mentioned on two different occasions the noise can be stopped by turning the RC-100 off and on numerous times until it all of a sudden stops.
>
>
>
> Larry
>
>> On 2/2/2017 2:40 PM, Jim Allen Jim.Allen@... [LDG-auto-tuners] wrote:
>> Is that when the tuner is powered on, or when it is off, that you hear the noise in the vertical? Or both? Is the noise produced when you are transmitting, or whether or not you are transmitting?
>>
>> 73 Jim Allen W6OGC
>>
>> Sent from my iPad
>>
>> On Feb 2, 2017, at 11:34, larryiweaver@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:
>>
>>>
>>> Also, I just realized that I hear this same noise in both my wire antenna which is tuned by this tuner and my vertical 50 feet away that uses no tuner. The plot thickens.....It's about 10db less in the vertical.
>>>
>>>
>>> Larry
>
>
>

>

8117. Re: [LDG-auto-tuners] Re: RT/RC-100 Antenna Static Noise

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-02-03 06:38:03 UTC
From: Stanley Adams
Topic: 8105 Message: 8117

You might be hearing hash from the system computer or from some other source, but not likely the latter. Check grds and check conditions of caps. You might want to consider changing the wall wart power supply or if not one, then check the caps around the processor and the basic power distribution.

On Thu, Feb 2, 2017 at 5:00 PM, Craig cpu_nut@... [LDG-auto-tuners] < LDG-auto-tuners@yahoogroups.com> wrote:

>
>
> Another thing to check... Open up the outdoor unit and make sure there is
> no corrosion on the PCB. The tuner CPU should go to sleep if there is no
> transmit RF but if there is some corrosion, maybe the CPU is staying awake
> and causing the problem you are observing.
>
> Craig
>
> On Feb 2, 2017, at 4:01 PM, Larry Weaver larryiweaver@...
> [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:
>
> Hi Jim,
>
> The noise is only heard when I power up the RC-100 Remote. It
> disappears when I turn it off. Only noise is through my receiver, nothing
> is heard on my signal when transmitting. I am sure it is related to the
> tuner and the tuner only. As I mentioned on two different occasions the
> noise can be stopped by turning the RC-100 off and on numerous times until
> it all of a sudden stops.
>
>
> Larry
>
> On 2/2/2017 2:40 PM, Jim Allen Jim.Allen@...
> [LDG-auto-tuners] wrote:
>
>
> Is that when the tuner is powered on, or when it is off, that you hear the
> noise in the vertical? Or both? Is the noise produced when you are
> transmitting, or whether or not you are transmitting?
>
> 73 Jim Allen W6OGC
>
> Sent from my iPad
>

> On Feb 2, 2017, at 11:34, larryiweaver@gmail.com [LDG-auto-tuners] <
> LDG-auto-tuners@yahoogroups.com> wrote:
>
>
>
> Also, I just realized that I hear this same noise in both my wire antenna
> which is tuned by this tuner and my vertical 50 feet away that uses no
> tuner. The plot thickens.....It's about 10db less in the vertical.
>
> Larry
>
>
>
>

8118. FS: LDG YT-1200 autotuner for Yaesu radios

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-02-03 18:51:35 UTC
From: af5cc2@...
Topic: 8118 Message: 8118

I have for sale a LDG Electronics YT-1200 HF/6m autotuner in excellent condition. This tuner works with the FT-450, FT950, FTDX-1200, FTDX3000, FT991, and FT2000 radios, it might work with a few more also.

It loads up about anything. An included CAT/Power cable interfaces with your FT-450(D), FT991, FT950, FTDX-1200 and FTDX-3000. This makes it an integrated tuner powered by the interface. No extra power cables are needed. Just press the tune button on the tuner and everything else happens automatically! The mode is set to carrier and the RF power is reduced, a tune cycle runs and the radio is returned to the original settings.

They sell new for $233, I am asking $160 shipped. It comes with the manual, cables, and original box.

73 John AF5CC

8120. Re: no email contact with LDG

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-02-09 01:28:54 UTC
From: ldgyahoo@...
Topic: 8119 Message: 8120

Hello,

Contact LDG at ldg@ldgelectronics.com.

Dwayne Kincaid
LDG

8121. YT-1200

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-02-09 20:39:39 UTC
From: ha5clf
Topic: 8121 Message: 8121

Hi,

I need some piece of advise, how to deal with an issue with my YT-1200 auto-tuner and LDG's customer support.

I purchased the auto-tuner and connected to my FTdx3000 transceiver as described in the manual provided with the purchase (making sure I absolutely follow all instructions, and of course double checking it several times). When tuning is initiated, it works sometimes, but most of the time, it powers down the transceiver, and then the transceiver restarts leaving the band in AM mode.

I contacted LDG's customer support early in December by email, as it seems the only way to contact them. I received no reply, however I was patient with them, since it was Christmas season, so I wrote another email sometime in mid January. This is Feb 8, and there is still no reply.

The YT-1200 manual contains a support email address, but it bounces. So far, what I was told at the eHam.net forum, is that never buy LDG tuners. I think this is the last LDG product I bought.

Thanks and 73,
Steve,
N9EU

8122. Re: [LDG-auto-tuners] YT-1200

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-02-09 22:07:23 UTC
From: Craig
Topic: 8121 Message: 8122

I know LDG did take some time off over the holidays. Try "ldg@ldgelectronics.com".

73, Craig

> On Feb 9, 2017, at 3:39 PM, ha5clf istvan.ha5clf@gmail.com [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:
>
> Hi,
>
>
> I need some piece of advise, how to deal with an issue with my YT-1200
> auto-tuner and LDG's customer support.
>
>
> I purchased the auto-tuner and connected to my FTdx3000 transceiver as
> described in the manual provided with the purchase (making sure I
> absolutely follow all instructions, and of course double checking it
> several times). When tuning is initiated, it works sometimes, but most
> of the time, it powers down the transceiver, and then the transceiver
> restarts leaving the band in AM mode.
>
>
> I contacted LDG's customer support early in December by email, as it
> seems the only way to contact them. I received no reply, however I was
> patient with them, since it was Christmas season, so I wrote another
> email sometime in mid January. This is Feb 8, and there is still no reply.
>
>
> The YT-1200 manual contains a support email address, but it bounces. So
> far, what I was told at the eHam.net forum, is that never buy LDG
> tuners. I think this is the last LDG product I bought.
>
>
> Thanks and 73,
> Steve,
> N9EU
>
>
> ------------------------------------
> Posted by: ha5clf <istvan.ha5clf@...>
> ------------------------------------
>
>
> ------------------------------------
>

> Yahoo Groups Links
>
>
>

8123. Re: YT-1200

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-02-09 22:18:31 UTC
From: jwalden@...
Topic: 8121 Message: 8123

I do not have a FTdx3000. I just came back in from removing at least 10" of snow and my arms are rubber. Therefore the only thing I feel like doing right is reading. You are the lucky one, I read your post about your tuner issue.

Because my fingers are the only part of me that can do much of anything, I looked up the manuals for your Yaesu & LDG. It appears to me, the interface is a cable that can only be plugged in at both ends only one way? Seems fool proof. However, I notice on page 9 of the YT-1200 manual the suggested grounding point. Two thoughts come to mind, 1) you are grounded? That means good RF grounding all the way to the Earth. 2) assuming, "of course", try testing the grounds and to only one location ... thinking about a potential ground loop.

1) is about corroded ground connection and RF electrically short ground runs
2) is what it says, grounds loops

I suggest this, given what sounds like a random-ish issue. Random-ish issues suggest RF and grounding interaction that can be difficult to track down.

My 2¢
-Jeff N1CZ

8125. Re: [LDG-auto-tuners] need to make contact with LDG

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-02-10 04:38:24 UTC
From: Tony Magon
Topic: 8125 Message: 8125

Try this email address

ldgyahoo@...

73

Tony VK2IC

On Fri, Feb 10, 2017 at 10:57 AM, 'k2mme@...' k2mme@...
[LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:

>
>
> I have been trying to email LDG for about a week. STILL TRYING
>
> My bias tee is malfunctioning but the manual diagram differs from the
> actual tee pc board. Doesn't LDG monitor this reflector????
>
> Howie k2mme
> _____
> College Student Discovers The Fastest Way To Lose Weight!
> Capitalizing Calories
> http://thirdpartyoffers.juno.com/TGL3131/589d023a486f2395b67st02vuc
>
>

8126. Re: [LDG-auto-tuners] need to make contact with LDG

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-02-10 10:43:03 UTC
From: Stanley Adams
Topic: 8125 Message: 8126

Did you take the load off the bias t and see if you're voltage came up.
And yes Dwayne monitors. But is like the one armed paper hanger.

On Feb 9, 2017 10:11 PM, "'k2mme@...' k2mme@...
[LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:

>
>
> I have been trying to email LDG for about a week. STILL TRYING
>
> My bias tee is malfunctioning but the manual diagram differs from the
> actual tee pc board. Doesn't LDG monitor this reflector????
>
> Howie k2mme
> _____
> College Student Discovers The Fastest Way To Lose Weight!
> Capitalizing Calories
> http://thirdpartyoffers.juno.com/TGL3131/589d023a486f2395b67st02vuc
>
>

8127. I'm been into Ham now for 9 months with little electronic knowledge.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-02-14 20:26:35 UTC
From: rdc1213
Topic: 8127 Message: 8127

I just bought a LDG 100 pro 11 tuner.I'm working a Icom 718 with a Icom CAT interface to my computer. I'm now lost about the Icom interface cable between the radio and tuner.Do I need this cable and is there an advantage of having it? Is this cable used only to power the tuner?
All help will be greatly appreciated.

Sent from my T-Mobile 4G LTE Device

8128. Re: I'm been into Ham now for 9 months with little electronic knowledge.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-02-14 22:18:04 UTC
From: vihamster@...
Topic: 8127 Message: 8128

Well...I assume you have the correct cable plugged into the back of the icom 718 into the tuner control port. And you have the other end plugged into the ldg tuner. What this does is two things...it powers the tuner, and when you press the tuner button on the front of the 718, it send a small amount of rf power to the tuner which in turn starts the antenna tuning process. If the tuner was successful, then your swr should be low. Another thing from the LDG website:

If you are using this cable with the IC-718, be sure to set the tuner menu to "4". The LDG tuner and interface cable emulates the Icom-AH-4 tuner.

Good Luck /73
Carl KP2L

8129. Re: [LDG-auto-tuners] I'm been into Ham now for 9 months with little electronic knowledge.

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-02-15 02:17:00 UTC
From: H. Pomeroy
Topic: 8127 Message: 8129

With the tuner cable between the Icom 718 and the tuner, it not only powers the tuner, but allows you to initiate the tune cycle by pressing the tune button on the radio. In other words it makes it so the radio can control the tuner. I am running an Icom 7000 with an AT-200 Pro II and the interface cable.

On Tue, 2/14/17, rdc1213 rdc1213@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:

Subject: [LDG-auto-tuners] I'm been into Ham now for 9 months with little electronic knowledge.
To: LDG-auto-tuners@yahoogroups.com
Date: Tuesday, February 14, 2017, 12:26 PM

I just bought
a LDG 100 pro 11 tuner.I'm working a Icom
718 with a Icom CAT interface to my computer. I'm now
lost about the Icom interface cable between the radio and
tuner.Do I need this cable and is there an
advantage of having it? Is this cable used only to power the
tuner?
All help will
be greatly appreciated.

Sent from my T-Mobile
4G LTE Device

8130. LDG Bad Support...

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-02-15 19:25:33 UTC
From: bowtieguy@...
Topic: 8130 Message: 8130

I emailed them a week ago and have not heard back.

I have a AT-1000PROII that needs a firmware update to correctly interface with my IC-7300

All I want to do is order a new firmware chip.

8131. Re: [LDG-auto-tuners] LDG Bad Support...

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-02-15 22:27:55 UTC
From: james fisher
Topic: 8130 Message: 8131

How long ago did they come out with a new firmware for AT-1000 PRO ?
James

From: "bowtieguy@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com>
To: LDG-auto-tuners@yahoogroups.com
Sent: Wednesday, February 15, 2017 12:25 PM
Subject: [LDG-auto-tuners] LDG Bad Support...

  I emailed them a week ago and have not heard back.
I have a AT-1000PROII that needs a firmware update to correctly interface with my IC-7300
All I want to do is order a new firmware chip.

8132. Re: [LDG-auto-tuners] LDG Bad Support...

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-02-15 22:29:13 UTC
From: Larry Weaver
Topic: 8130 Message: 8132

I have tried 2 different e-mail addresses and after 3 weeks no luck either.

On 2/15/2017 2:25 PM, bowtieguy@... [LDG-auto-tuners] wrote:
>
> I emailed them a week ago and have not heard back.
>
>
> I have a AT-1000PROII that needs a firmware update to correctly
> interface with my IC-7300
>
>
> All I want to do is order a new firmware chip.
>
>

8133. Re: LDG Bad Support...

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-02-15 22:49:46 UTC
From: jwalden@...
Topic: 8130 Message: 8133

In my experience, some people suck with email. Some like email, as I, some prefer phone ... I do not.

Call 'em. If you know there is a charge, have your credit card out.

8134. Re: [LDG-auto-tuners] Re: LDG Bad Support...

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-02-15 23:35:46 UTC
From: Craig
Topic: 8130 Message: 8134

Lets give Dwayne a chance to respond before posting more.

Thanks,

Craig, LDG Engineer

> On Feb 15, 2017, at 5:49 PM, jwalden@... [LDG-auto-tuners]
<LDG-auto-tuners@yahoogroups.com> wrote:
>
>
>
> In my experience, some people suck with email. Some like email, as I, some prefer phone
... I do not.
>
> Call 'em. If you know there is a charge, have your credit card out.
>
>
>
>
>

8135. Re: LDG Bad Support...

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-02-15 23:45:53 UTC
From: ldgyahoo@...
Topic: 8130 Message: 8135

Hello,

We answered your e-mail, but have not heard back.

Dwayne Kincaid
LDG

8136. LDG at600pro

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-02-16 01:42:34 UTC
From: Bo Barry
Topic: 8136 Message: 8136

I blew L4 toroid and ordered a 94-6 replacement toroid for a couple dollars. (kitsandparts.com).

The originals are all red, probably for looks only, since the operating range of red toroids doesn't cover the ham bands.

The 94-6 is yellow and is the proper range.

Hopefully I'll be able to get all the glue off and a replacement made.

Does anyone know the specific toroid number in case I was wrong.

If so, how much are replacements from LDG?

73, Bo W4GHV since '54

--
Note: I prefer THIS email address over my carolina.rr.com e-mail address
'Bo' Barry
Assoc. Prof. Emeritus!! (=free parking @ UNCC)
Engineering Technology Dept.
Univ. of NC @Charlotte
Charlotte, NC 28223
(704) 792-7427 cell #

8137. A message to LDG

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-02-16 14:41:43 UTC
From: pg321@...
Topic: 8137 Message: 8137

I'm happy with the way my [but yours :-)] matcher works and preforms , it's the AT-100ProII , once learned to drive it it's quick and once in memory even quicker .

If there is a next time a flashier one will be acquired (more power handling and more flashing lights) .

Thats all , VK4GAP .

8138. My Apologies to LDG and Dwayne

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-02-16 15:05:46 UTC
From: larryiweaver@...
Topic: 8138 Message: 8138

I was one that did complain about not hearing from LDG support in a timely manner. I did look in my spam folder also without finding anything. I took another long look yesterday in the "Spam" heap and I am embarrassed to say I found what I was looking for. I had sent an E-mail to SUPPORT@LDGELECTRONICS.COM on February 2, 2017 and Dwayne replied back to me on the SAME day.
I sincerely apologize and will now walk away with my tail between my legs!

Sincerely,
Larry

8139. Re: [LDG-auto-tuners] My Apologies to LDG and Dwayne

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-02-16 15:33:40 UTC
From: Craig
Topic: 8138 Message: 8139

Larry,

Thanks for taking the time to research and let us know.

Craig

> On Feb 16, 2017, at 10:05 AM, larryiweaver@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:
>
>
>
> I was one that did complain about not hearing from LDG support in a timely manner. I did look in my spam folder also without finding anything. I took another long look yesterday in the "Spam" heap and I am embarrassed to say I found what I was looking for. I had sent an E-mail to SUPPORT@... on February 2, 2017 and Dwayne replied back to me on the SAME day.
>
> I sincerely apologize and will now walk away with my tail between my legs!
>
>
>
> Sincerely,
>
> Larry
>
>
>
>

8140. RE: [LDG-auto-tuners] My Apologies to LDG and Dwayne

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-02-16 15:34:21 UTC
From: Thomas Chesek
Topic: 8138 Message: 8140

Well said. It’s what we do after we make a mistake that shows our character.

Tom K3TVC

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com]
Sent: Thursday, February 16, 2017 10:06
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] My Apologies to LDG and Dwayne

I was one that did complain about not hearing from LDG support in a timely manner. I did look in my spam folder also without finding anything. I took another long look yesterday in the "Spam" heap and I am embarrassed to say I found what I was looking for. I had sent an E-mail to SUPPORT@... <mailto:SUPPORT@...> on February 2, 2017 and Dwayne replied back to me on the SAME day.

I sincerely apologize and will now walk away with my tail between my legs!

Sincerely,

Larry

8141. Re: LDG Bad Support...

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-02-16 16:34:32 UTC
From: bowtieguy@...
Topic: 8130 Message: 8141

I will dig through my spam folder and report back. If it is in there I apologize and will post an apology on the forum.

8142. Has anyone tried the AH-4 extension cables (Icom radio)

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-02-23 00:38:20 UTC
From: huffdavidj@...
Topic: 8142 Message: 8142

I found this last night, it is a 4 pin extension cable for the AH-4 plug, available in 50, 100, or 200 feet.
<http://www.qsradio.com/shop-now.html#!/ICOM-Tuner-Extension-Cable/p/52318119/category=8446815>
Has anyone tried this with a Icom radio and LDG tuner, I wonder about what is the maximum length.
Thanks,
David
w0im

8143. Re: LDG Bad Support...

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-02-23 18:49:50 UTC
From: bowtieguy@...
Topic: 8130 Message: 8143

Well, I did find the LDG emails in my Gmail spam folder. Something about the settings they use for sending email trigger it to get flagged.

I had several emails back and forth with the LDG guys and they are sending me a new processor chip to see if it resolves the problems.

The bottom line. If you have not gotten a reply to your emails, CHECK YOUR SPAM FOLDER. Most likely it is in there,

8144. Re: LDG Bad Support...

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-02-23 22:35:00 UTC
From: rmckee1957@...
Topic: 8130 Message: 8144

Wonder what a new processor chip would cost for an LDG Z-11Pro2 ? Would love to see if I could get mine to work properly !

Rick
KC8AON

---In LDG-auto-tuners@yahoogroups.com, <bowtieguy@...> wrote :

Well, I did find the LDG emails in my Gmail spam folder. Something about the settings they use for sending email trigger it to get flagged.

I had several emails back and forth with the LDG guys and they are sending me a new processor chip to see if it resolves the problems.

The bottom line. If you have not gotten a reply to your emails, CHECK YOUR SPAM FOLDER. Most likely it is in there,

8145. Re: LDG Bad Support...

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-02-24 01:57:41 UTC
From: travburg1@...
Topic: 8130 Message: 8145

Wonder if a new chip would help my 600 Pro. worked for about a month, quit. Sent it to LDG, worked for about a week and quit again. Hopefully I can find someone here in Houston to work on it without a schematic. If I had waited a while to get the thing, I may have bought a Pro II. On social security now, no way to replace it.

Travis
K5HTB

8146. Re: [LDG-auto-tuners] Re: LDG Bad Support...

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-02-24 02:50:50 UTC
From: Craig
Topic: 8130 Message: 8146

As we've learned recently, LDG actually does answer emails, thanks to those who spent time to look through their spam folders and report back to us.

Maybe send LDG an email and ask your question along with noting the problems you're observing.

Craig

> On Feb 23, 2017, at 8:57 PM, travburg1@hotmail.com [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:
>
>
>
> Wonder if a new chip would help my 600 Pro. worked for about a month, quit. Sent it to LDG, worked for about a week and quit again. Hopefully I can find someone here in Houston to work on it without a schematic. If I had waited a while to get the thing, I may have bought a Pro II. On social security now, no way to replace it.
>
> Travis
> K5HTB
>
>
>

8147. Re: [LDG-auto-tuners] Re: LDG Bad Support...

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-02-24 11:45:31 UTC
From: Doug Pfaff
Topic: 8130 Message: 8147
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

8148. Re: LDG Bad Support...

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-02-24 12:14:17 UTC
From: rmckee1957@...
Topic: 8130 Message: 8148

Maybe send LDG an email and ask your question along with noting the problems you're observing. <snip>

I thought the powers that be in LDG monitored this group ?

Rick
KC8AON

8149. Re: [LDG-auto-tuners] Re: LDG Bad Support...

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-02-24 12:59:19 UTC
From: Craig
Topic: 8130 Message: 8149

No this is not an official LDG support form. If you have a support question, you should contact LDG directly.

That said, yes sometimes you will see posts from LDG here.

Craig

> On Feb 24, 2017, at 7:14 AM, rmckee1957@gmail.com [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:
>
>
>
> Maybe send LDG an email and ask your question along with noting the problems you're observing. <snip>
>
>
>
> I thought the powers that be in LDG monitored this group ?
>
>
>
> Rick
>
> KC8AON
>
>
>
>

8150. Re: [LDG-auto-tuners] Re: LDG Bad Support...

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-02-24 19:30:24 UTC
From: KK2DOG in NY
Topic: 8130 Message: 8150

I think Doug is right. I have both the AT-600Pro and the AT-1000Pro and have never had an issue with either.

Mike KK2DOG Watertown, NY

From: "'Doug Pfaff' doug.pfaff@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com>
To: LDG-auto-tuners@yahoogroups.com
Sent: Friday, February 24, 2017 6:45 AM
Subject: Re: [LDG-auto-tuners] Re: LDG Bad Support...

CraigYouhit the nail on the head I replied directly to the poster asking manytechnical questions. Everyones shack is differently configured its pretty hard to troubleshoot on vague information.if youdon't give the technical folks all your observations you can go in circles andmiss the real cause of the problem. Dougve5dcp

On Thu, 23 Feb 2017 21:50:50 -0500,"Craig cpu_nut@... [LDG-auto-tuners]"<LDG-auto-tuners@yahoogroups.com> wrote:
As we've learned recently, LDG actually does answer emails, thanks to thosewho spent time to look through their spam folders and report back to us. Maybe send LDG an email and ask your question along with noting theproblems you're observing. Craig
On Feb 23, 2017, at 8:57 PM, travburg1@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:

Wonder if a new chip would help my 600 Pro. worked for about a month,quit. Sent it to LDG, worked for about a week and quit again. Hopefully Ican find someone here in Houston to work on it without a schematic. If I hadwaited a while to get the thing, I may have bought a Pro II. On socialsecurity now, no way to replace it. TravisK5HTB

Doug Pfaff
doug.pfaff@...

8151. Re: [LDG-auto-tuners] Re: LDG Bad Support...

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-02-25 18:01:03 UTC
From: Stanley Adams
Topic: 8130 Message: 8151

Hey Guys Dwayne is a one armed paper hanger so to speak. He goes way beyond the honest effort to keep his customers happy, so before any more wise remarks, I suggest that you fellows all add his address to you're inbox so as to appear to be not knowing what your are talking about. As I said he is an up right guy and spends most of his night hours answering emails and helping troubleshoot and suggesting that you send your product back in and most often with out any charge.

Not gripping at you guys, but the more we can help and support him the faster all problems are fixed.

Thanks

Stanley Adams
W4SBA

8152. RE: [LDG-auto-tuners] Re: LDG Bad Support...

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-02-25 18:31:57 UTC
From: Bill Husted
Topic: 8130 Message: 8152

I agree that he's a good guy. I had problems with one of his tuners a few years back and turned out it was RFI. He spent two days of back and forth emails helping me get rid of the problems - he could just as easily told me that he believed the problem was RFI and stopped the advice right there.

Bill KQ4YA

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com]
Sent: Saturday, February 25, 2017 1:01 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] Re: LDG Bad Support...

Hey Guys Dwayne is a one armed paper hanger so to speak. He goes way beyond the honest effort to keep his customers happy, so before any more wise remarks, I suggest that you fellows all add his address to you're inbox so as to appear to be not knowing what your are talking about. As I said he is an up right guy and spends most of his night hours answering emails and helping troubleshoot and suggesting that you send your product back in and most often with out any charge.

Not gripping at you guys, but the more we can help and support him the faster all problems are fixed.

Thanks

Stanley Adams

W4SBA

8153. Re: [LDG-auto-tuners] Re: LDG Bad Support...

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-02-25 20:08:11 UTC
From: Jon
Topic: 8130 Message: 8153

I wil also concur his support has been good. I had an issue with one of their tuners and he recognized the issue and sent me a new eprom with updated code to fix the issue.

Over a decade later, the tuner still works.

73,
Jon
KD5SFA
On Sat, Feb 25, 2017 at 12:32 'Bill Husted' bhusted@...
[LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:

>
>
> I agree that he's a good guy. I had problems with one of his tuners a few
> years back and turned out it was RFI. He spent two days of back and forth
> emails helping me get rid of the problems - he could just as easily told me
> that he believed the problem was RFI and stopped the advice right there.
>
>
>
> Bill KQ4YA
>
>
>
> *From:* LDG-auto-tuners@yahoogroups.com [mailto:
> LDG-auto-tuners@yahoogroups.com]
> *Sent:* Saturday, February 25, 2017 1:01 PM
> *To:* LDG-auto-tuners@yahoogroups.com
>
>
> *Subject:* Re: [LDG-auto-tuners] Re: LDG Bad Support...
>
> Hey Guys Dwayne is a one armed paper hanger so to speak. He goes way
> beyond the honest effort to keep his customers happy, so before any more
> wise remarks, I suggest that you fellows all add his address to you're
> inbox so as to appear to be not knowing what your are talking about. As I
> said he is an up right guy and spends most of his night hours answering
> emails and helping troubleshoot and suggesting that you send your product
> back in and most often with out any charge.
>
> Not gripping at you guys, but the more we can help and support him the
> faster all problems are fixed.
>
> Thanks
>

> Stanley Adams
>
> W4SBA
>
>
>
>
>
>

8154. RE: [LDG-auto-tuners] Re: LDG Bad Support...

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-02-25 23:44:52 UTC
From: John Deithloff
Topic: 8130 Message: 8154

I, too have had excellent support with my LDG AT-1000Pro Autotuner.
Sent mine in for repair & was fixed without any charge.
So, Dwayne & LDG do a Great JOB! Be patient!!!

73.
John
de W5FFS

From: LDG-auto-tuners@yahoogroups.com
[mailto:LDG-auto-tuners@yahoogroups.com]
Sent: Saturday, February 25, 2017 2:08 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] Re: LDG Bad Support...

I wil also concur his support has been good. I had an issue with one of
their tuners and he recognized the issue and sent me a new eprom with
updated code to fix the issue.

Over a decade later, the tuner still works.

73,
Jon
KD5SFA

On Sat, Feb 25, 2017 at 12:32 'Bill Husted' bhusted@...
[LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:

I agree that he's a good guy I had problems with one of his tuners a few
years back and turned out it was RFI. He spent two days of back and forth
emails helping me get rid of the problems - he could just as easily told me
that he believed the problem was RFI and stopped the advice right there.

Bill KQ4YA

From: LDG-auto-tuners@yahoogroups.com
[mailto:LDG-auto-tuners@yahoogroups.com]
Sent: Saturday, February 25, 2017 1:01 PM
To: LDG-auto-tuners@yahoogroups.com

Subject: Re: [LDG-auto-tuners] Re: LDG Bad Support...

Hey Guys Dwayne is a one armed paper hanger so to speak. He goes way beyond
the honest effort to keep his customers happy, so before any more wise
remarks, I suggest that you fellows all add his address to you're inbox so
as to appear to be not knowing what your are talking about. As I said he is
an up right guy and spends most of his night hours answering emails and

helping troubleshoot and suggesting that you send your product back in and most often with out any charge.

Not gripping at you guys, but the more we can help and support him the faster all problems are fixed.

Thanks

Stanley Adams

W4SBA

8155. RE: [LDG-auto-tuners] Re: LDG Bad Support...

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-02-25 23:04:38 UTC
From: Mike Hyman
Topic: 8130 Message: 8155

I have never had a problem with support , it’s always been great

73

Mike

W4OCO

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com]
Sent: Saturday, February 25, 2017 3:08 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] Re: LDG Bad Support...

I wil also concur his support has been good. I had an issue with one of their tuners and he recognized the issue and sent me a new eprom with updated code to fix the issue.

Over a decade later, the tuner still works.

73,

Jon

KD5SFA

On Sat, Feb 25, 2017 at 12:32 'Bill Husted' bhusted@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:

I agree that he's a good guy. I had problems with one of his tuners a few years back and turned out it was RFI. He spent two days of back and forth emails helping me get rid of the problems - he could just as easily told me that he believed the problem was RFI and stopped the advice right there.

Bill KQ4YA

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com]
Sent: Saturday, February 25, 2017 1:01 PM
To: LDG-auto-tuners@yahoogroups.com

Subject: Re: [LDG-auto-tuners] Re: LDG Bad Support...

Hey Guys Dwayne is a one armed paper hanger so to speak. He goes way beyond the honest effort to keep his customers happy, so before any more wise remarks, I suggest that you fellows all add his address to you're inbox so as to appear to be not knowing what your are talking about. As I said he is an up right guy and spends most of his night hours answering emails and helping troubleshoot and suggesting that you send your product back in and most often with out any charge.

Not gripping at you guys, but the more we can help and support him the faster all problems are fixed.

Thanks

Stanley Adams

W4SBA

No virus found in this message.
Checked by AVG - www.avg.com <http://www.avg.com/email-signature>
Version: 2016.0.7998 / Virus Database: 4756/14019 - Release Date: 02/25/17

8156. Re: LDG Bad Support...

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-02-26 01:42:36 UTC
From: Moe
Topic: 8130 Message: 8156

Dwayne has always been there for my needs for the past 15 years with no complaints what so ever much better then other dealers. when its time for another tuner I will look there first.

Sent from my iPhone

8157. Re: [LDG-auto-tuners] Re: LDG Bad Support...

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-02-27 14:14:12 UTC
From: Stanley Adams
Topic: 8130 Message: 8157

Great, when we pay for things and they do not always work to snuff we gripe

which is nature. Dewayne might need to hire someone with his work load but
that takes profits away too. He is a fine fellow and I honestly believe he
does his durn best, no matter how well some things are made they are not

fixable, I am a 50 yr example of broadcast, tv, long distance and fiber
optic and wireless cell phone and it don't always go as planned.

Stan

On Sat, Feb 25, 2017 at 12:31 PM, 'Bill Husted' bhusted@...
[LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:

>
>
> I agree that he's a good guy. I had problems with one of his tuners a few
> years back and turned out it was RFI. He spent two days of back and forth
> emails helping me get rid of the problems - he could just as easily told me
> that he believed the problem was RFI and stopped the advice right there.
>
>
>
> Bill KQ4YA
>
>
>
> *From:* LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@

> yahoogroups.com]
> *Sent:* Saturday, February 25, 2017 1:01 PM
> *To:* LDG-auto-tuners@yahoogroups.com
> *Subject:* Re: [LDG-auto-tuners] Re: LDG Bad Support...
>
>
>
>
>
>
>
> Hey Guys Dwayne is a one armed paper hanger so to speak. He goes way
> beyond the honest effort to keep his customers happy, so before any more
> wise remarks, I suggest that you fellows all add his address to you're
> inbox so as to appear to be not knowing what your are talking about. As I
> said he is an up right guy and spends most of his night hours answering
> emails and helping troubleshoot and suggesting that you send your product
> back in and most often with out any charge.

>
> Not gripping at you guys, but the more we can help and support him the
> faster all problems are fixed.
>
> Thanks
>
> Stanley Adams
>
> W4SBA
>
>
>
>
>
>

8158. Z-11 QRP - Won't auto-tune

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-02-28 02:26:19 UTC
From: gibbsjj@...
Topic: 8158 Message: 8158

Greetings. I've just inherited a Z-11 QRP tuner with a W4RT one-touch tune setup. The tuner powers up fine, but will not tune. I've got it connected to an FT-817. I've tried it both in manual and auto modes. I've also tried with the 'one touch' connected and not connected. No change.

When I work the cap and ind switches I can hear clicking and it does have an affect on the SWR (as indicated by the SWR meter in the radio). It seems like the tuner isn't 'seeing' any RF going in (hence not trying to tune), but I've verified that the radio is putting out pretty close to 5 watts on high power. I've tried on a couple different bands and its the same behavior. I'm using a key and CW mode to generate the RF. The tuner just blinks its LEDs at me and never kicks off a tuning cycle.

I've opened up the case and everything inside looks clean and intact - no burned smells or any obvious damage.

Any thoughts? I did read the manual and I've used other auto tuners before... I don't think I'm doing something dumb, but ya never know =)

Thanks for any advice!

-Josh

8159. Re: Z-11 QRP - Won't auto-tune

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-02-28 04:03:12 UTC
From: bobarr@...
Topic: 8158 Message: 8159

Do you hold the tune button in for about 15 seconds?

8160. Re: [LDG-auto-tuners] Re: Z-11 QRP - Won't auto-tune

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-02-28 17:01:30 UTC
From: Josh Gibbs
Topic: 8158 Message: 8160

Hi Bob,

Thanks for the reply. This is what happens:

Turn unit on: all 4 LEDs blink once.

Antenna and radio connected to tuner, tuner switched to manual, radio tuned to 40 meters, CW mode (key connected), radio set to low power (1/2 watt, verified with a Bird watt meter). I hold down CW key to TX - radio indicates high SWR. I hold down the tune button on the Z-11 while transmitting - the left 3 LEDs blink (slightly faster than once per second). No clicking or other sounds from the tuner. The LEDs continue to blink as long as I keep the tune button pressed. I kept this up for 30 seconds. Same behavior in 'Auto' mode.

I can operate the cap and ind switches, and they work. I can hear clicking and if I adjust them far enough the noise level on the receiver starts going down.

Any thoughts?

Thanks!

-Josh

On Mon, Feb 27, 2017 at 8:03 PM, bobarr@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:

>
>
> Do you hold the tune button in for about 15 seconds?
>
>

8161. Re: Z-11 QRP - Won't auto-tune

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-03-01 00:53:15 UTC
From: bobarr@...
Topic: 8158 Message: 8161

Didn't quite follow all that. Here's what I do. It may help.

I make sure the 7300 tuner icon is on. I set the rig to auto tune when the mike button is hit it automatically tunes. Of course I have the tuner/rig cable connected.

I have the at600pro and refer to the manual when things go wrong. I need to see if it has a 'master reset'.

I just finished the tough task of replacing one of the toroids I fried accidentally.

Good luck, Bo

8162. Re: [LDG-auto-tuners] Re: Z-11 QRP - Won't auto-tune

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-03-01 04:13:16 UTC
From: Doug Pfaff
Topic: 8158 Message: 8162
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

8163. Re: [LDG-auto-tuners] Re: Z-11 QRP - Won't auto-tune

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-03-01 04:51:32 UTC
From: Josh Gibbs
Topic: 8158 Message: 8163

Thanks for the replies guys. As stated in my first post, I already read the

manual, more than once. I'm certain there is something wrong with the
tuner. I was hoping someone in this group might have experienced the same
failure and have an idea of what the fix might be.

Bob: My radio is a Yaesu FT-817 - there is no tuner icon. I've tried the
reset - no change. Something in the tuner is broken, just not sure what.

73,

-Josh

On Tue, Feb 28, 2017 at 8:13 PM, 'Doug Pfaff' doug.pfaff@...
[LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:

>
>
> Suggestion refer to your specific operating manual from the list by
> following the provided link
>
>
>
> http://www.ldgelectronics.com/c/262/discontinued-product-manuals
>
>
>
> DOUG VE5DCP
>
>
>
>
>
>
>
> On 01 Mar 2017 00:53:15 +0000, "bobarr@gmail.com [LDG-auto-tuners]" <
> LDG-auto-tuners@yahoogroups.com> wrote:
>
>
>
> Didn't quite follow all that. Here's what I do. It may help.
>
> I make sure the 7300 tuner icon is on. I set the rig to auto tune when the
> mike button is hit it automatically tunes. Of course I have the tuner/rig
> cable connected.
>

> I have the at600pro and refer to the manual when things go wrong. I need
> to see if it has a 'master reset'.
>
> I just finished the tough task of replacing one of the toroids I fried
> accidentally.
>
> Good luck, Bo
>
>
>
>
> Doug Pfaff
> doug.pfaff@...
>
>
>
>
>

8164. Re: [LDG-auto-tuners] Re: Z-11 QRP - Won't auto-tune

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-03-01 06:49:57 UTC
From: KK2DOG in NY
Topic: 8158 Message: 8164

Maybe try a higher power level?

Mike KK2DOG Watertown, NY

From: "Josh Gibbs gibbsjj@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com>
To: LDG-auto-tuners@yahoogroups.com
Sent: Tuesday, February 28, 2017 12:01 PM
Subject: Re: [LDG-auto-tuners] Re: Z-11 QRP - Won't auto-tune

Hi Bob,
Thanks for the reply. This is what happens:
Turn unit on: all 4 LEDs blink once.
Antenna and radio connected to tuner, tuner switched to manual, radio tuned to 40 meters, CW mode (key connected), radio set to low power (1/2 watt, verified with a Bird watt meter). I hold down CW key to TX - radio indicates high SWR. I hold down the tune button on the Z-11 while transmitting - the left 3 LEDs blink (slightly faster than once per second). No clicking or other sounds from the tuner. The LEDs continue to blink as long as I keep the tune button pressed. I kept this up for 30 seconds. Same behavior in 'Auto' mode.
I can operate the cap and ind switches, and they work. I can hear clicking and if I adjust them far enough the noise level on the receiver starts going down.
Any thoughts?
Thanks!

-Josh
On Mon, Feb 27, 2017 at 8:03 PM, bobarr@... [LDG-auto-tuners]
<LDG-auto-tuners@yahoogroups.com> wrote:

Do you hold the tune button in for about 15 seconds?

8165. Re: [LDG-auto-tuners] Re: Z-11 QRP - Won't auto-tune

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-03-01 15:44:27 UTC
From: Josh Gibbs
Topic: 8158 Message: 8165

I did try it on high power (5 watts). Same behavior. Thanks Mike.

-Josh

On Tue, Feb 28, 2017 at 10:49 PM, KK2DOG in NY kk2dog@...
[LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:

>
>
> Maybe try a higher power level?
>
>
>

8166. Re: [LDG-auto-tuners] Re: Z-11 QRP - Won't auto-tune

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-03-01 23:34:49 UTC
From: Joe Pugliano
Topic: 8158 Message: 8166

Please, please forgive me for asking.You do have the radio going to the radio/transceiver connector and the antenna going to the antenna connector and not reversed correct?
It sounds like it is tuned to the 50ohm load of the radio and coax so it won't initiate a tuning sequence.
I am only asking because, well, let's just say that I heard of someone doing that before getting in a hurry to play radio. Hi hi
Joe / AJ3O

Sent from Yahoo Mail on Android

On Wed, Mar 1, 2017 at 12:04 PM, Josh Gibbs gibbsjj@...
[LDG-auto-tuners]<LDG-auto-tuners@yahoogroups.com> wrote:

I did try it on high power (5 watts). Same behavior. Thanks Mike.

-Josh
On Tue, Feb 28, 2017 at 10:49 PM, KK2DOG in NY kk2dog@... [LDG-auto-tuners]
<LDG-auto-tuners@yahoogroups.com> wrote:

Maybe try a higher power level?

8167. Re: [LDG-auto-tuners] Re: Z-11 QRP - Won't auto-tune

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-03-01 23:51:46 UTC
From: Josh Gibbs
Topic: 8158 Message: 8167

Hi Joe,

Yes, I have triple-checked that =)

Apparently this tuner was available as a kit, and some searching turned up the build instructions. I'm going to open it back up and try the calibration procedure mentioned in the build instructions. Will also have a look at the underside of the board.

Thanks for the help so far guys. If I have any luck I will post back here and let you know.

-Josh

On Wed, Mar 1, 2017 at 3:34 PM, Joe Pugliano joe_aj3o@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:

>
>
> Please, please forgive me for asking.
> You do have the radio going to the radio/transceiver connector and the
> antenna going to the antenna connector and not reversed correct?
>
> It sounds like it is tuned to the 50ohm load of the radio and coax so it
> won't initiate a tuning sequence.
>
> I am only asking because, well, let's just say that I heard of someone
> doing that before getting in a hurry to play radio. Hi hi
>
> Joe / AJ3O
>

8168. Re: Z-11 QRP - Won't auto-tune

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-03-02 00:26:37 UTC
From: bobarr@...
Topic: 8158 Message: 8168

My IC-7300 controlled by the tuner sets output power to 10 watts. Try that.

8169. Re: [LDG-auto-tuners] Re: Z-11 QRP - Won't auto-tune

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-03-02 01:00:49 UTC
From: Josh Gibbs
Topic: 8158 Message: 8169

Bob,

The tuner I have here is the LDG Z-11 QRP - it's marketed as a perfect tuner for the FT-817. This FT-817 only puts out 5 watts on high power. According to the manual, the tuner "requires only 0.1 watts to tune".

-Josh

On Wed, Mar 1, 2017 at 4:26 PM, bobarr@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:

>
>
> My IC-7300 controlled by the tuner sets output power to 10 watts. Try that.
>
>

8170. AT-100ProII

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-03-02 01:37:22 UTC
From: steve.lenaghan@...
Topic: 4122 Message: 8170

I'm still having a problem getting the tuner to remember a 4 MHz MARS frequency. The channel is manually tuned and after the radio has done an ALE channel cycle the next sounding on that frequency causes the tuner to retune. I have SWR thresholds set high, which I don't like but there is not much improvement.

Where is the SWR sensor, before of after the tuning circuit.

Steve CIW406

8171. Re: [LDG-auto-tuners] Re: Z-11 QRP - Won't auto-tune

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-03-02 03:35:39 UTC
From: Josh Gibbs
Topic: 8158 Message: 8171

I ended up hooking the tuner up to my TS-450 so I could put a bit more power to it. Tried 10 watts - same behavior. The tuner acts like it doesn't sense any RF.

-Josh

On Wed, Mar 1, 2017 at 4:26 PM, bobarr@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:

>
>
> My IC-7300 controlled by the tuner sets output power to 10 watts. Try that.
>
>

8172. Re: Z-11 QRP - Won't auto-tune

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-03-02 14:50:56 UTC
From: bobarr@...
Topic: 8158 Message: 8172

Wow, you've tried everything. Unfortunately a schematic isn't available.

I cooked a toroid in my 600pro and am doing repair myself. I can send you a photo of the RF input and the SWR/RF detecting circuit if you want to look for a simple fix internally. Bo

8173. Re: [LDG-auto-tuners] Re: Z-11 QRP - Won't auto-tune

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-03-02 18:34:58 UTC
From: Larry KA5T
Topic: 8158 Message: 8173

FYI
There is a schematic in the manual.

Larry
KA5T

On 3/2/2017 14:50 utc, bobarr@... [LDG-auto-tuners] wrote:
> Wow, you've tried everything. Unfortunately a schematic isn't available.
>
> I cooked a toroid in my 600pro and am doing repair myself. I can send you a photo of the RF input and the SWR/RF detecting circuit if you want to look for a simple fix internally.
Bo
>
> ------------------------------------
> Posted by: bobarr@...
...

8174. Re: Z-11 QRP - Won't auto-tune

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-03-02 18:48:07 UTC
From: bobarr@...
Topic: 8158 Message: 8174

Interesting, I don't recall them in my two LDG manuals.
Anyway
The RF goes thru the center of a toroid, which has a winding, a 50 ohm resistor, and TWO BACK TO BACK SIGNAL DIODES (maybe 1N914 or germanium).

Bet that's it

Bo

8175. Re: [LDG-auto-tuners] Re: Z-11 QRP - Won't auto-tune

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-03-02 18:46:05 UTC
From: Josh Gibbs
Topic: 8158 Message: 8175

Thanks Larry. I've got the schematic.

I got an email from LDG saying it sounds like the SWR diodes may be the problem, so I'm going to replace them and see if that does the trick. Appreciate the help.

-Josh

On Thu, Mar 2, 2017 at 10:34 AM, Larry KA5T ka5t@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:

>
>
> FYI
> There is a schematic in the manual.
>
> Larry
> KA5T
>

8176. Re: [LDG-auto-tuners] Re: Z-11 QRP - Won't auto-tune

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-03-02 20:53:24 UTC
From: Josh Gibbs
Topic: 8158 Message: 8176

The schematic is also in the files section for this Yahoo group. The schematic says they are 1N4148 but Dwayne @ LDG said they are 1N34A. I've got the QRP version, so that might account for the difference. Will see what is in there when I get home this evening and fire up the soldering iron!

-Josh

On Thu, Mar 2, 2017 at 10:48 AM, bobarr@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:

>
>
> Interesting, I don't recall them in my two LDG manuals.
> Anyway
> The RF goes thru the center of a toroid, which has a winding, a 50 ohm
> resistor, and TWO BACK TO BACK SIGNAL DIODES (maybe 1N914 or germanium).
>
> Bet that's it
>
> Bo
>
>

8177. Re: Z-11 QRP - Won't auto-tune

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-03-03 03:59:13 UTC
From: bobarr@...
Topic: 8158 Message: 8177

Definitely not rectifier diodes. Glass signal diodes.

8178. Re: [LDG-auto-tuners] Re: Z-11 QRP - Won't auto-tune

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-03-03 04:13:24 UTC
From: Craig
Topic: 8158 Message: 8178

Trust Dwayne. They are 1N34 Germanium type.

Craig

> On Mar 2, 2017, at 10:59 PM, bobarr@... [LDG-auto-tuners] <LDG-auto-tuners@...m> wrote:
>
> Definitely not rectifier diodes. Glass signal diodes.
>
> ------------------------------------
> Posted by: bobarr@...
> ------------------------------------
>
>
> ------------------------------------
>
> Yahoo Groups Links
>
>
>

8179. Re: [LDG-auto-tuners] Re: Z-11 QRP - Won't auto-tune

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-03-03 15:12:34 UTC
From: Bill
Topic: 8158 Message: 8179

I'd be curious, too. Big difference in voltage drop across the silicon
1n4148 versus the germanium 1n34/1n34a

Bill

On 3/2/2017 2:53 PM, Josh Gibbs gibbsjj@... [LDG-auto-tuners] wrote:
> The schematic is also in the files section for this Yahoo group. The
> schematic says they are 1N4148 but Dwayne @ LDG said they are 1N34A.
> I've got the QRP version, so that might account for the difference.
> Will see what is in there when I get home this evening and fire up the
> soldering iron!
>
> -Josh
>
> On Thu, Mar 2, 2017 at 10:48 AM, bobarr@...
> <mailto:bobarr@...> [LDG-auto-tuners]
> <LDG-auto-tuners@yahoogroups.com
> <mailto:LDG-auto-tuners@yahoogroups.com>> wrote:
>
> Interesting, I don't recall them in my two LDG manuals.
> Anyway
> The RF goes thru the center of a toroid, which has a winding, a 50
> ohm resistor, and TWO BACK TO BACK SIGNAL DIODES (maybe 1N914 or
> germanium).
>
> Bet that's it
>
> Bo
>
>
>

8180. Re: [LDG-auto-tuners] Re: Z-11 QRP - Won't auto-tune

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-03-03 15:16:41 UTC
From: Craig
Topic: 8158 Message: 8180

Yes about a 300% difference. The 1N34A was used for better low power performance.

Craig

> On Mar 3, 2017, at 10:12 AM, Bill bill@... [LDG-auto-tuners]
<LDG-auto-tuners@yahoogroups.com> wrote:
>
>
>
> I'd be curious, too. Big difference in voltage drop across the silicon 1n4148 versus the germanium 1n34/1n34a
>
> Bill
>
>
>
>> On 3/2/2017 2:53 PM, Josh Gibbs gibbsjj@... [LDG-auto-tuners] wrote:
>> The schematic is also in the files section for this Yahoo group. The schematic says they are 1N4148 but Dwayne @ LDG said they are 1N34A. I've got the QRP version, so that might account for the difference. Will see what is in there when I get home this evening and fire up the soldering iron!
>>
>> -Josh
>>
>>> On Thu, Mar 2, 2017 at 10:48 AM, bobarr@... [LDG-auto-tuners]
<LDG-auto-tuners@yahoogroups.com> wrote:
>>>
>>> Interesting, I don't recall them in my two LDG manuals.
>>> Anyway
>>> The RF goes thru the center of a toroid, which has a winding, a 50 ohm resistor, and TWO BACK TO BACK SIGNAL DIODES (maybe 1N914 or germanium).
>>>
>>> Bet that's it
>>>
>>> Bo
>>>
>
>
>
>

8181. YT-PAC-1200

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-03-04 05:02:36 UTC
From: b.denley@...
Topic: 8181 Message: 8181

Can someone tell me what this cable does? The description just describes what the tuner does. I have a FT-950 and an AT-600proII. Thanks.

Brian Denley
KB1VBF

8182. Re: [LDG-auto-tuners] YT-PAC-1200

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-03-04 11:54:02 UTC
From: Michael Perry
Topic: 8181 Message: 8182

Google is your friend. . .
http://www.ldgelectronics.com/c/252/products/19/75/1

Mike

From: "b.denley@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com>
To: LDG-auto-tuners@yahoogroups.com
Sent: Saturday, March 4, 2017 12:02 AM
Subject: [LDG-auto-tuners] YT-PAC-1200

Can someone tell me what this cable does? The description just describes what the tuner does. I have a FT-950 and an AT-600proII. Thanks.
Brian DenleyKB1VBF

8183. Re: [LDG-auto-tuners] YT-PAC-1200

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-03-04 16:44:25 UTC
From: Brian Denley
Topic: 8181 Message: 8183

No it's not. I of course saw that but it tells me nothing. I tells me how to use the tuner but doesn't say what the cable (YT-PAC-1200) does. In other words, that description matches what the tuner does now without the cable.

Thanks for looking.

Brian
KB1VBF
Sent from my iPad

> On Mar 4, 2017, at 6:54 AM, Michael Perry mjperry1951@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:
>
> Google is your friend. . .
>
> http://www.ldgelectronics.com/c/252/products/19/75/1
>
>
> Mike
>
> From: "b.denley@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com>
> To: LDG-auto-tuners@yahoogroups.com
> Sent: Saturday, March 4, 2017 12:02 AM
> Subject: [LDG-auto-tuners] YT-PAC-1200
>
>
> Can someone tell me what this cable does? The description just describes what the tuner does. I have a FT-950 and an AT-600proII. Thanks.
>
> Brian Denley
> KB1VBF
>
>
>

8184. Re: [LDG-auto-tuners] YT-PAC-1200

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-03-04 16:52:14 UTC
From: Brian Denley
Topic: 8181 Message: 8184

I'd like to think that the cable provides automatic power reduction during tune but the description doesn't indicate that capability.

Brian
KB1VBF
Sent from my iPad

> On Mar 4, 2017, at 6:54 AM, Michael Perry mjperry1951@yahoo.com [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:
>
> Google is your friend. . .
>
> http://www.ldgelectronics.com/c/252/products/19/75/1
>
>
> Mike
>
> From: "b.denley@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com>
> To: LDG-auto-tuners@yahoogroups.com
> Sent: Saturday, March 4, 2017 12:02 AM
> Subject: [LDG-auto-tuners] YT-PAC-1200
>
>
> Can someone tell me what this cable does? The description just describes what the tuner does. I have a FT-950 and an AT-600proII. Thanks.
>
> Brian Denley
> KB1VBF
>
>
>

8185. Re: [LDG-auto-tuners] Re: Z-11 QRP - Won't auto-tune

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-03-05 09:06:16 UTC
From: Josh Gibbs
Topic: 8158 Message: 8185

Reporting back with a happy ending. I replaced the two diodes and it solved the problem. The diodes I removed were in fact 1N4148 like the schematic says, but I replaced them with 1N34A since that is what Dwayne said to use.

This Z-11 QRP lives to tune another day!

73,

-Josh

On Fri, Mar 3, 2017 at 7:16 AM, Craig cpu_nut@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:

>
>
> Yes about a 300% difference. The 1N34A was used for better low power
> performance.
>
> Craig
>
> On Mar 3, 2017, at 10:12 AM, Bill bill@... [LDG-auto-tuners]
> <LDG-auto-tuners@yahoogroups.com> wrote:
>
> I'd be curious, too. Big difference in voltage drop across the silicon
> 1n4148 versus the germanium 1n34/1n34a
>
> Bill
>
>
>
> On 3/2/2017 2:53 PM, Josh Gibbs gibbsjj@... [LDG-auto-tuners] wrote:
>
>
> The schematic is also in the files section for this Yahoo group. The
> schematic says they are 1N4148 but Dwayne @ LDG said they are 1N34A. I've
> got the QRP version, so that might account for the difference. Will see
> what is in there when I get home this evening and fire up the soldering
> iron!
>
> -Josh
>
>

8186. Re: Z-11 QRP - Won't auto-tune

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-03-05 16:59:08 UTC
From: bobarr@...
Topic: 8158 Message: 8186

Glad I spotted it for you.

I too was successful in my 600pro repair!

A few bucks for a toroid, a LOT of work, and tech support from LDG and I replaced the cooked toroid.

I can't remember how I cooked it.

BTW the quality of the LDG tuner is impressive. As a retired engineer and long time ham, it's design is unique and impressive.

And you gotta love the popcorn machine audio.

Also if you hook it up backwards no harm is done!

Bo W4GHV

8187. Re: YT-PAC-1200

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-03-07 12:05:37 UTC
From: larrylb@...
Topic: 8181 Message: 8187

I'm not sure but I know with my two tuners when I use the cables the power to the radio is reduced and the mode is switched on the
radio so the tuner has a carrier. Although the mode is not displayed
on the radio's display. I have two generic tuners so I need to push
the "tune" button on the tuner.
hope this helps because that's all I know.....

LARRY KB8EMD

8188. Re: YT-PAC-1200

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-03-07 15:34:25 UTC
From: bobarr@...
Topic: 8181 Message: 8188

I thought I'd answered this.

The cables simply automate the tuning process IF you have a rig that issues the CI-V commands.

The 600 pro uses two cables, the newer ones do it with one cable with the IC7300.

On the 7300 you simply touch the mike button or change frequency a bunch.

If you don't like it's results you simply hold the tune button for a few seconds.

What else do you need to know?

8189. Re: [LDG-auto-tuners] Re: YT-PAC-1200

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-03-07 16:48:27 UTC
From: Brian Denley
Topic: 8181 Message: 8189

I waned to know if the power is automatically reduced and the mode automatically changed during the tuning process if you use this cable.

Brian Denley
KB1VBF
Sent from my iPad

> On Mar 7, 2017, at 10:34 AM, bobarr@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:
>
> I thought I'd answered this.
>
> The cables simply automate the tuning process IF you have a rig that issues the CI-V commands.
>
> The 600 pro uses two cables, the newer ones do it with one cable with the IC7300.
>
> On the 7300 you simply touch the mike button or change frequency a bunch.
>
> If you don't like it's results you simply hold the tune button for a few seconds.
>
> What else do you need to know?
>
>

8190. RE: [LDG-auto-tuners] Re: YT-PAC-1200

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-03-07 17:21:56 UTC
From: Thomas Chesek
Topic: 8181 Message: 8190

Obviously if you are in SSB mode it has to change mode to either AM or CW to work. When I use this cable with my FT-450D and my AT-1000ProII my external wattmeter shows 100 watts when moving from band to band which have already been tuned and stored in memory. I switched to 160 meters, where my antenna is NOT resonant, and the power out varies from 5 to 100 watts while it is trying to tune so I think the radio is folding back due to mismatch as opposed to the tuner placing the radio into a fixed low output.

Tom K3TVC

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com]
Sent: Tuesday, March 7, 2017 11:48
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] Re: YT-PAC-1200

I waned to know if the power is automatically reduced and the mode automatically changed during the tuning process if you use this cable.

Brian Denley

KB1VBF

Sent from my iPad

On Mar 7, 2017, at 10:34 AM, bobarr@gmail.com <mailto:bobarr@...> [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com <mailto:LDG-auto-tuners@yahoogroups.com> > wrote:

I thought I'd answered this.

The cables simply automate the tuning process IF you have a rig that issues the CI-V commands.

The 600 pro uses two cables, the newer ones do it with one cable with the IC7300.

On the 7300 you simply touch the mike button or change frequency a bunch.

If you don't like it's results you simply hold the tune button for a few seconds.

What else do you need to know?

8191. Re: [LDG-auto-tuners] Re: YT-PAC-1200

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-03-07 22:15:30 UTC
From: Brian Denley
Topic: 8181 Message: 8191

Thanks anyway guys. I was hoping LDG would weigh in but no such luck.

Brian Denley
KB1VBF
Sent from my iPad

> On Mar 7, 2017, at 12:21 PM, 'Thomas Chesek' tchesek@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:
>
> Obviously if you are in SSB mode it has to change mode to either AM or CW to work. When I use this cable with my FT-450D and my AT-1000ProII my external wattmeter shows 100 watts when moving from band to band which have already been tuned and stored in memory. I switched to 160 meters, where my antenna is NOT resonant, and the power out varies from 5 to 100 watts while it is trying to tune so I think the radio is folding back due to mismatch as opposed to the tuner placing the radio into a fixed low output.
>
>
>
> Tom K3TVC
>
>
>
>
>
>
>
> From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com]
> Sent: Tuesday, March 7, 2017 11:48
> To: LDG-auto-tuners@yahoogroups.com
> Subject: Re: [LDG-auto-tuners] Re: YT-PAC-1200
>
>
>
>
>
> I waned to know if the power is automatically reduced and the mode automatically changed during the tuning process if you use this cable.
>
> Brian Denley
>
> KB1VBF
>
> Sent from my iPad
>
>

> On Mar 7, 2017, at 10:34 AM, bobarr@... [LDG-auto-tuners]
<LDG-auto-tuners@yahoogroups.com> wrote:
>
>
>
> I thought I'd answered this.
>
> The cables simply automate the tuning process IF you have a rig that issues the CI-V
commands.
>
> The 600 pro uses two cables, the newer ones do it with one cable with the IC7300.
>
> On the 7300 you simply touch the mike button or change frequency a bunch.
>
> If you don't like it's results you simply hold the tune button for a few seconds.
>
> What else do you need to know?
>
>
>

8192. Re: [LDG-auto-tuners] Re: YT-PAC-1200

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-03-07 22:23:37 UTC
From: Craig
Topic: 8181 Message: 8192

Send an email to "ldg@...".

Craig

> On Mar 7, 2017, at 5:15 PM, Brian Denley b.denley@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:
>
>
>
> Thanks anyway guys. I was hoping LDG would weigh in but no such luck.
>
> Brian Denley
> KB1VBF
> Sent from my iPad
>
>> On Mar 7, 2017, at 12:21 PM, 'Thomas Chesek' tchesek@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:
>>
>> Obviously if you are in SSB mode it has to change mode to either AM or CW to work. When I use this cable with my FT-450D and my AT-1000ProII my external wattmeter shows 100 watts when moving from band to band which have already been tuned and stored in memory. I switched to 160 meters, where my antenna is NOT resonant, and the power out varies from 5 to 100 watts while it is trying to tune so I think the radio is folding back due to mismatch as opposed to the tuner placing the radio into a fixed low output.
>>
>>
>>
>> Tom K3TVC
>>
>>
>>
>>
>>
>>
>>
>>
>> From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com]
>> Sent: Tuesday, March 7, 2017 11:48
>> To: LDG-auto-tuners@yahoogroups.com
>> Subject: Re: [LDG-auto-tuners] Re: YT-PAC-1200
>>
>>
>>
>>
>>
>>
>> I waned to know if the power is automatically reduced and the mode automatically changed

during the tuning process if you use this cable.
>>
>> Brian Denley
>>
>> KB1VBF
>>
>> Sent from my iPad
>>
>>
>> On Mar 7, 2017, at 10:34 AM, bobarr@... [LDG-auto-tuners]
<LDG-auto-tuners@yahoogroups.com> wrote:
>>
>>
>>
>> I thought I'd answered this.
>>
>> The cables simply automate the tuning process IF you have a rig that issues the CI-V
commands.
>>
>> The 600 pro uses two cables, the newer ones do it with one cable with the IC7300.
>>
>> On the 7300 you simply touch the mike button or change frequency a bunch.
>>
>> If you don't like it's results you simply hold the tune button for a few seconds.
>>
>> What else do you need to know?
>>
>
>
>

8193. Re: YT-PAC-1200

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-03-13 21:04:17 UTC
From: larrylb@...
Topic: 8181 Message: 8193

Brian I just checked my radio and tuner.
I'm using a generic LDG tuner which has the cable from the radio to the tuner.
I have to push the "tune" button on the tuner it switches modes but does NOT
reduce power. maybe LDG would be the one to ask.
LARRY KB8EMD

8194. wire a meter from the at600 to work with the at 200!

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-03-16 03:20:06 UTC
From: mshadow64@...
Topic: 8194 Message: 8194

I want to wire a meter that is used for the at600 to work with the at200! I really like how the meter works and I can actually SEE it! I like it and want to hook one up on my AT200! It should work! tap the signal and go with it! add a few parts maybe, but it should work!
N9OXO

8195. Re: [LDG-auto-tuners] wire a meter from the at600 to work with the at 200!

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-03-16 19:53:28 UTC
From: Craig
Topic: 8194 Message: 8195

You could tap into Fwd and Rev power at the test points that connect to the 1N34 diodes and use an Op-Amp (maybe 10k input impedance) to buffer and scale to drive a meter. However be aware that the meter scale will not be linear. The LDG meters are not driven directly but by the CPU which does a multi point scaling and calibration for each band.

Craig

> On Mar 15, 2017, at 11:20 PM, mshadow64@... [LDG-auto-tuners]
<LDG-auto-tuners@yahoogroups.com> wrote:
>
>
>
> I want to wire a meter that is used for the at600 to work with the at200! I really like how the meter works and I can actually SEE it! I like it and want to hook one up on my AT200! It should work! tap the signal and go with it! add a few parts maybe, but it should work! N9OXO
>
>
>
>
>

8196. TUNER WITH ROTATABLE DIPOLES

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-03-19 13:10:44 UTC
From: wa2hso@...
Topic: 8196 Message: 8196

im looking into getting a 4 band rotatable dipole 40-20-15-10 (6) like the comet and cushcraft ,,,one has a balun also
just wondering if anyone has used one of these antennas with a
ldg tuner to get on 17 & 30 meters also
any side effects/problems ???

john

8197. Re: [LDG-auto-tuners] TUNER WITH ROTATABLE DIPOLES

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-03-19 15:43:56 UTC
From: rdc1213
Topic: 8196 Message: 8197

I use the auto tuner with no problems.

Sent from my T-Mobile 4G LTE Device
-------- Original message --------From: "wa2hso@hotmail.com [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> Date: 3/19/17 9:10 AM (GMT-05:00) To: LDG-auto-tuners@yahoogroups.com Subject: [LDG-auto-tuners] TUNER WITH ROTATABLE DIPOLES

im looking into getting a 4 band rotatable dipole 40-20-15-10 (6) like the comet and cushcraft ,,,one has a balun also
just wondering if anyone has used one of these antennas with a
ldg tuner to get on 17 & 30 meters also
any side effects/problems ???

john

8198. Re: [LDG-auto-tuners] TUNER WITH ROTATABLE DIPOLES

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-03-19 16:56:42 UTC
From: Jim Allen
Topic: 8196 Message: 8198

I put up a rotatable dipole awhile back based on this article http://www.w5dxp.com/rotdip/rotdip.htm.

I used 6' telescoping aluminum tubing, a fiberglass tube center and fed it with 450 ohm twinlead. It was mounted at ~35' on a Rohn mast with an old AR22 rotator. I used an Icom AH-4 on the exterior wall of the shack for matching.

Performance was pretty good, but due to poor engineering of the feed line attaching scheme, the feedline fell off in a storm. Also, I realized that 44' of tubing is a lot for a small rotator to handle. It did, but barely.

If I were to do this again, I would use a couple of fiberglass poles with wire inside, like S9v31 verticals horizontal.

When I took it down, it was replaced with a horizontal loop.

73 Jim Allen W6OGC
Sent from my iPad

> On Mar 19, 2017, at 08:10, wa2hso@hotmail.com [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:
>
> im looking into getting a 4 band rotatable dipole 40-20-15-10 (6) like the comet and cushcraft ,,,one has a balun also
> just wondering if anyone has used one of these antennas with a
> ldg tuner to get on 17 & 30 meters also
> any side effects/problems ???
>
> john
>
>
>
>

8199. YT-100 12 EXTERNAL 12 VOLT CONNECTION TO CIRCUIT BOARD

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-03-23 17:36:34 UTC
From: higman_daniel@...
Topic: 8199 Message: 8199

I need to supply 12 volts to YT-100 as I have blown the Yaesu FT-857D CAT fuse. Where on circuit board of YT-100 do we apply +12 volts.

8200. Re: [LDG-auto-tuners] YT-100 12 EXTERNAL 12 VOLT CONNECTION TO CIRCUIT BOARD

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-03-23 22:32:51 UTC
From: Doug Pfaff
Topic: 8199 Message: 8200
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

8201. RT100+RC100 : is there a way ...

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-03-23 23:00:57 UTC
From: i2jjr-hotmail.com
Topic: 8201 Message: 8201

*Hallo Dwayne, and you all Readers.**
**I would like to know if there is a way to know when the remote tuner RT100 (or RT600) is doing a tuning procedure, in order to lower the output power of the rig to a level that better suit the specification of the tuner.

I have imagined **some easy solution to that problem;designed but not built, yet .

Suppose that you change frequency and the tuner suddenly does retune the antenna ... doing it at full power is not exactly what LDG suggest for them!
So I need some sort of signal back from the tuner that causes a reduced output from the rig; suppose i.e. instead of 100w CW to have 10w carrier .
If I let the RT100 do the tuning procedure at full 100W output, if I remember the specs, may give failures. Probably worse yet if I let the RT600 tune with full 500w applied ...
**
**When I use the Icom rigs with Icom AH-4 the tuning automatically reduces output to a safe value; I would like to do **the same **with Yaesu rigs and RT100 in one other location (and RT600 elsewhere)

****Somebody has experienced something like this with these LDG remote tuners? **
**Dwayne do you have some hint for me?

**** 73, es keep the good job,
Augusto I2JJR / HB9TZA
(soon 5R8JR)

**(I still wait the version of the RC100 - RC600 with incorporated cross-needle SWR-meter, as I told you some time ago ... May I hope? I have homebrewed something like that by now ...) *

8202. ICOM 707 with my LDG IT-100

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-03-24 17:08:21 UTC
From: kc8jwa@...
Topic: 8202 Message: 8202

Hello,
Does anyone else in the world out there still use a Icom 707 and used a LDG IT-100 with it?
I just purchased the tuner. The Icom is set to a AH-3 Tuner as it is suppose to be.

Before and after trying to tune the rig, the THRU is on which is suppose to mean that it is not tuning.
I am not familiar with this tuner.
Also, if the swr is good, does the green light stay on the tuner all the time or does it just flash for a moment.

Thanks for any help. It's hard because the 707 is not near as popular as some of the other rigs.

Bev

I will also put a photo or two in the photos section.

8203. Re: ICOM 707 with my LDG IT-100

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-03-25 01:27:09 UTC
From: kc8jwa@...
Topic: 8202 Message: 8203

Hello all, I had also contacted LDG and received a note back right away from Dwayne at LDG.

Quote: "You can ignore the Thru indicator on the radio."

I have my answer and wanted to share in case anyone else in the future wonders the same.

Thank you,
Bev

8204. March LDG Update

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-03-26 22:01:06 UTC
From: ldgyahoo@...
Topic: 8204 Message: 8204

A couple of things this month. Some good news is we are now shipping the YT-1200 with a new firmware version V1.1. We had an issue with our firmware and the FT-991 radio about six months ago and had stopped shipping the units. With the V1.1 firmware, it now works with the FT-450, FT-450D, FT-950, FT-991, FT-991, FTdx-1200 and FTdx-3000.
While updating the firmware, we also added a feature that there are now no menu settings required for any of the compatible radios except FT-991 and FT-991A that now only has one menu setting. Users can select any baud rate and any RTS or TOT setting on any of the radios. It will also pass any baud rate.
This new version is a recommend upgrade for those that have the YT-1200 and wish to use it with a YT-991 or YT-991A. For all others, the upgrade is optional.
hose that purchased their YT-1200 between May 1, 2016 and March 31, 2017 are eligible to receive a free processor and manual by mailing a copy of their receipt to LDG.
For YT-450 owners, this processor and firmware is also compatible with the YT-450. This unique situation will update the YT-450 into a current YT-1200. Replacement V1.1 processors will be available from www.cheapham.com http://www.cheapham.com for about $20.

We’ve also discontinued two older interface cables. The AL-PAC for the Alinco SR8T and SR9T and the IC-2000 for Yaesu FT-2000.

That’s it for this month,

Dwayne Kincaid
LDG

8206. Re: March LDG Update

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-03-27 16:55:20 UTC
From: n5jld.tx@...
Topic: 8204 Message: 8206

Can we email the receipt or does it need to be Snail Mail?

Have fun,
Jon N5JLD
http://www.n5jld.net http://www.n5jld.net/

8207. Re: March LDG Update

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-03-28 02:49:27 UTC
From: ldgyahoo@...
Topic: 8204 Message: 8207

Hi Jon,

That adds some complication, but e-mail should be fine as long as the receipt is completely readable and in pdf format.

Also, I forgot to mention how to find the version number. Users would take the lid off with the four screws on the sides of the chassis and look at the sticker that is on the processor.

Dwayne Kincaid
LDG

8208. Re: March LDG Update

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-03-31 15:41:45 UTC
From: ldgyahoo@...
Topic: 8204 Message: 8208

John,

The e-mail method worked great. The original thought was we would need to set up a separate e-mail address for chip upgrades, but we found a way to route the proper messages to the proper people.

Thanks for the suggestion,

Dwayne
LDG

8210. Control cable for LDG Z11 Pro2 and Yaesu FT-450AT ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-04-13 14:54:50 UTC
From: rmckee1957@...
Topic: 8210 Message: 8210

Do the make a cable to interface the Z11 Pro2 with a Yaesu FT-450AT ?

Rick
KC8AON

8211. Re: Control cable for LDG Z11 Pro2 and Yaesu FT-450AT ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-04-13 18:21:27 UTC
From: ldgyahoo@...
Topic: 8210 Message: 8211

Hi Rick,

Yes we do and if you'll go to the main page on our web site, click on the words link Click Here for Yaesu Interface Cable Information. That will give you a chart of all of the Yaesu radios we support all of the optional cable that are available for any of our current models.

We'll add it to the files section here.

Dwayne Kincaid
LDG

8212. Re: [LDG-auto-tuners] Control cable for LDG Z11 Pro2 and Yaesu FT-450AT ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-04-13 18:08:32 UTC
From: Lou Roux
Topic: 8210 Message: 8212

Rick,

This is the one I use, works great.

RT Systems
https://cdn3.volusion.com/jrxqm.hzlga/v/vspfiles/photos/ADMS-450-USB-1.jpg?1402385496

Lou - W6UR

On 4/13/2017 7:54 AM, rmckee1957@... [LDG-auto-tuners] wrote:
>
> Do the make a cable to interface the Z11 Pro2 with a Yaesu FT-450AT ?
>
>
> Rick
>
> KC8AON
>
>

--

* ON THE AIR SINCE 1949 *

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

8213. RT100 may be dead

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-04-13 18:37:46 UTC
From: Jim Allen
Topic: 8213 Message: 8213

The new RT100 put into service a few months ago appears to be inop. I have and use the matching RC100.

Perusing the manual, I don't see any suggested or preferred method of testing it for proper operation. I'd prefer to use a dummy load, stay off the air.

Does anyone have an idea how I can test this device? I suppose testing the RC100 for voltages is one of the first checks. I expect to hear relays moving, etc when it is doing the tune bit.

TIA

73 Jim Allen W6OGC
Sent from my iPad

8214. Re: RT100 may be dead

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-04-13 20:53:12 UTC
From: bobarr@...
Topic: 8213 Message: 8214

I just tune to a clear freq. It uses low power.
If your SWR is ok it does nothing.
Holding the button in a while makes it tune.

The lights tell the story. If it has power but plays dead you either have the cables backward like me or the signal diodes are shot and it's not detecting any power input.
Bo W4GHV since '54
Should be easy to TS. I fried a toroid and replaced it. Nice tuners.

8215. Re: RT100 may be dead

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-04-13 22:16:10 UTC
From: Jim.Allen@...
Topic: 8213 Message: 8215

I'll give it a try.

I don't expect a fried toroid. I only run 5 watts.

The antenna I have been using it on is now removed, so that'll give some opportunity to find new tuning solutions.

73 Jim Allen W6OGC

8216. Re: RT100 may be dead

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-04-13 22:28:13 UTC
From: Jim.Allen@...
Topic: 8213 Message: 8216

Does yours have lights? This one doesn't, only the single LED on rhe RC100.

73 Jim Allen W6OGC

8217. Re: RT100 may be dead

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-04-14 02:59:55 UTC
From: Jim.Allen@...
Topic: 8213 Message: 8217

What lights?

73 Jim Allen W6OGC

8218. Re: RT100 may be dead

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-04-14 03:01:14 UTC
From: Jim.Allen@...
Topic: 8213 Message: 8218

What lights?

73 Jim Allen W6OGC

8219. Re: [LDG-auto-tuners] Re: RT100 may be dead

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-04-14 13:13:56 UTC
From: Jim Allen
Topic: 8213 Message: 8219

I apologize for the repeat postings about this. I noticed my replies were not appearing on the site, and figured I was dong something wrong. I belong to several groups and have not encountered this heretofore. Maybe I am on moderation since rejoining or something. Anyway I regret any consternation.

73 Jim Allen W6OGC

Sent from my iPad

> On Apr 13, 2017, at 22:01, Jim.Allen@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:
>
> What lights?
>
>
> 73 Jim Allen W6OGC
>

8220. Re: RT100 may be dead

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-04-14 13:58:13 UTC
From: bobarr@...
Topic: 8213 Message: 8220

Whoops. I have the 600pro and IT-100.
Looked up yours and it's LOTS different. I like the remote approach a lot more.

Bet the popcorn noises scare the wildlife. I have to close my ham shack door. ☐

Good luck, the tuners are durable so it's just a "loose screw between the headsets".
Bo W4GHV

8221. Re: [LDG-auto-tuners] Re: RT100 may be dead

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-04-14 17:36:50 UTC
From: Jim Allen
Topic: 8213 Message: 8221

Yep. I'm insecure, I guess. When you talk about lights on yours, and I don't see any lights, I worry. Maybe I have it inside out or something. Maybe all the lights are out, and the party's over!

I set it all up with short jumpers, checked voltages, tried a couple of tune sequences and everything appeared to be just like the manufacturer's guarantee. It appears reports of its demise were greatly exaggerated. No telling why it did not seem to be functional in situ, but it wasn't the unit.

That's a relief! I experience periodic maintenance issues quite often, which seldom end in this benign fashion.

73 Jim Allen W6OGC

Sent from my iPad

> On Apr 14, 2017, at 08:58, bobarr@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:
>
> Whoops. I have the 600pro and IT-100.
> Looked up yours and it's LOTS different. I like the remote approach a lot more.
>
> Bet the popcorn noises scare the wildlife. I have to close my ham shack door. ☐
>
> Good luck, the tuners are durable so it's just a "loose screw between the headsets".
> Bo W4GHV
>
>

8222. hard reset

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-04-22 15:43:19 UTC
From: n5osk@...
Topic: 8222 Message: 8222

Does anyone know if you can do a hard reset on AT-1000Pro11 Autotuner ?
Jerry N5OSK

8223. Re: hard reset

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-04-22 20:32:08 UTC
From: michael.newbury@...
Topic: 8222 Message: 8223

from what I've read and heard ldg say, no you cant, I have one and looked into it a while back

8224. Re: [LDG-auto-tuners] Re: hard reset

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-04-22 23:39:18 UTC
From: JERRY CASEY
Topic: 8222 Message: 8224

Ok tnx for your input. Jerry N5OSK

On Saturday, April 22, 2017 4:47 PM, "michael.newbury@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:

from what I've read and heard ldg say, no you cant, I have one and looked into it a while back

8225. Re: hard reset

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-04-23 14:35:39 UTC
From: bobarr@...
Topic: 8222 Message: 8225

As for resetting it's tuning memories, holding the tune button several seconds does it for me.

I think it is a PIC chip, not reboot able like a microprocessor. Might be wrong tho.

Bo W4GHV

8226. Re: [LDG-auto-tuners] Re: hard reset

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-04-23 18:31:40 UTC
From: Craig
Topic: 8222 Message: 8226

The earlier LDG tuners allows the long press reset, a feature I hope the bring back.

Craig

> On Apr 23, 2017, at 10:35 AM, bobarr@... [LDG-auto-tuners]
<LDG-auto-tuners@yahoogroups.com> wrote:
>
> As for resetting it's tuning memories, holding the tune button several seconds does it
for me.
>
> I think it is a PIC chip, not reboot able like a microprocessor. Might be wrong tho.
>
> Bo W4GHV
>
> ------------------------------------
> Posted by: bobarr@...
> ------------------------------------
>
>
> ------------------------------------
>
> Yahoo Groups Links
>
>
>

8227. Re: [LDG-auto-tuners] Re: hard reset

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-04-23 19:33:15 UTC
From: JERRY CASEY
Topic: 8222 Message: 8227

RRRRR Tnx for your input.Jerry N5OSK

On Sunday, April 23, 2017 1:30 PM, "bobarr@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:

As for resetting it's tuning memories, holding the tune button several seconds does it for me.

I think it is a PIC chip, not reboot able like a microprocessor. Might be wrong tho.

Bo W4GHV

8228. Re: [LDG-auto-tuners] Re: hard reset

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-04-24 00:50:53 UTC
From: ldgyahoo@...
Topic: 8222 Message: 8228

Hello Jerry,

As we have mentioned on here before, we have never found a reason for a microprocessor hard reset.

Can you elaborate on why you may need this? This could be a good group discussion.

Dwayne Kincaid
LDG

8229. Re: [LDG-auto-tuners] Re: hard reset

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-04-24 09:15:44 UTC
From: JERRY CASEY
Topic: 8222 Message: 8229

Hi All I got it going I didn't have t in auto mode.Tnx for all the input.Jerry N5OSK

On Sunday, April 23, 2017 7:51 PM, "ldgyahoo@ldgelectronics.com [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:

Hello Jerry,

As we have mentioned on here before, we have never found a reason for a microprocessor hard reset.

Can you elaborate on why you may need this? This could be a good group discussion.

Dwayne Kincaid
LDG

8230. Re: hard reset

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-04-24 12:30:23 UTC
From: rmckee1957@...
Topic: 8222 Message: 8230

I've said this before but will repeat it anyway. The reason I think they need a reset or at least a way to clear the memories is that sometimes we hams change antennas completely and would LOVE to be able to delete the memories from the old antenna to make the learning of the new settings and storing of those stings quicker.

Rick
KC8AON

---In LDG-auto-tuners@yahoogroups.com, <ldgyahoo@...> wrote :

Hello Jerry,

As we have mentioned on here before, we have never found a reason for a microprocessor hard reset.

Can you elaborate on why you may need this? This could be a good group discussion.

Dwayne Kincaid
LDG

8231. LDG 600 Pro II Quirk

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-04-24 21:16:20 UTC
From: John Bjerke
Topic: 8231 Message: 8231

Hi,This is my second LGD 600 Pro. I purchased the first one in 2011 and it's done yeoman service. It still works perfectly. I purchased the 600 Pro II about a month ago or so along with the 600 meter in order to have a more accurate power out reading for digital modes.
This Pro II has an quirk. It will not set the SWR below 1.7. It cycles upward through the settings to 3.5, then goes back to 1.7. I've checked the manual and it seems as though it should cycle through 3.5 then go to 1.0 just as my 600 Pro does/did. Is this a defective unit or is this a common occurrence? Any way to reset it myself or does it need to be sent back to LDG? Thanks.
As a separate question, is it safe to assume the 600 meter power readings (watts) reflect the output from the tuner and not the input from the transceiver?
Thanks in advance for the help!
John/KC9TND

8232. Re: [LDG-auto-tuners] LDG 600 Pro II Quirk

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-04-25 05:04:36 UTC
From: KK2DOG in NY
Topic: 8231 Message: 8232

The SWR threshold should be adjustable. Perhaps you have it set to 1.7?

Mike KK2DOG Watertown, NY

From: "John Bjerke jsbjerke1@yahoo.com [LDG-auto-tuners]"
<LDG-auto-tuners@yahoogroups.com>
To: LDG-auto-tuners@yahoogroups.com
Sent: Monday, April 24, 2017 5:18 PM
Subject: [LDG-auto-tuners] LDG 600 Pro II Quirk

Hi,This is my second LGD 600 Pro. I purchased the first one in 2011 and it's done yeoman service. It still works perfectly. I purchased the 600 Pro II about a month ago or so along with the 600 meter in order to have a more accurate power out reading for digital modes.
This Pro II has an quirk. It will not set the SWR below 1.7. It cycles upward through the settings to 3.5, then goes back to 1.7. I've checked the manual and it seems as though it should cycle through 3.5 then go to 1.0 just as my 600 Pro does/did. Is this a defective unit or is this a common occurrence? Any way to reset it myself or does it need to be sent back to LDG? Thanks.
As a separate question, is it safe to assume the 600 meter power readings (watts) reflect the output from the tuner and not the input from the transceiver?
Thanks in advance for the help!
John/KC9TND

8233. Re: [LDG-auto-tuners] LDG 600 Pro II Quirk

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-04-25 13:53:31 UTC
From: John Bjerke
Topic: 8231 Message: 8233

Hi Mike,
No, that's the issue. I can't get it to any threshold level below 1.7. That's as low as it will cycle to when trying to set it.

Sent from my iPhone

> On Apr 25, 2017, at 1:04 AM, KK2DOG in NY kk2dog@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:
>
> The SWR threshold should be adjustable. Perhaps you have it set to 1.7?
>
>
>
>
> Mike KK2DOG
> Watertown, NY
>
>
> From: "John Bjerke jsbjerke1@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com>
> To: LDG-auto-tuners@yahoogroups.com
> Sent: Monday, April 24, 2017 5:18 PM
> Subject: [LDG-auto-tuners] LDG 600 Pro II Quirk
>
>
> Hi,
> This is my second LGD 600 Pro. I purchased the first one in 2011 and it's done yeoman service. It still works perfectly. I purchased the 600 Pro II about a month ago or so along with the 600 meter in order to have a more accurate power out reading for digital modes.
>
> This Pro II has an quirk. It will not set the SWR below 1.7. It cycles upward through the settings to 3.5, then goes back to 1.7. I've checked the manual and it seems as though it should cycle through 3.5 then go to 1.0 just as my 600 Pro does/did. Is this a defective unit or is this a common occurrence? Any way to reset it myself or does it need to be sent back to LDG? Thanks.
>
> As a separate question, is it safe to assume the 600 meter power readings (watts) reflect the output from the tuner and not the input from the transceiver?
>
> Thanks in advance for the help!
>
> John/KC9TND
>
>
>

8234. RE: [LDG-auto-tuners] LDG 600 Pro II Quirk

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-04-25 16:09:38 UTC
From: Thomas Chesek
Topic: 8231 Message: 8234

The lowest threshold level that you can set is 1:7. Am I missing what you are trying to accomplish? Do you have a manual? If not you can get it online at http://www.ldgelectronics.com/assets/manuals/AT-600ProIIManual.pdf

Tom K3TVC

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com]
Sent: Tuesday, April 25, 2017 09:54
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] LDG 600 Pro II Quirk

Hi Mike,

No, that's the issue. I can't get it to any threshold level below 1.7. That's as low as it will cycle to when trying to set it.

Sent from my iPhone

On Apr 25, 2017, at 1:04 AM, KK2DOG in NY kk2dog@... <mailto:kk2dog@...> [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com <mailto:LDG-auto-tuners@yahoogroups.com> > wrote:

The SWR threshold should be adjustable. Perhaps you have it set to 1.7?

Mike KK2DOG

Watertown, NY

From: "John Bjerke jsbjerke1@... <mailto:jsbjerke1@yahoo.com> [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com>
To: LDG-auto-tuners@yahoogroups.com <mailto:LDG-auto-tuners@yahoogroups.com>
Sent: Monday, April 24, 2017 5:18 PM
Subject: [LDG-auto-tuners] LDG 600 Pro II Quirk

Hi,

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This Pro II has an quirk. It will not set the SWR below 1.7. It cycles upward through the settings to 3.5, then goes back to 1.7. I've checked the manual and it seems as though it should cycle through 3.5 then go to 1.0 just as my 600 Pro does/did. Is this a defective unit or is this a common occurrence? Any way to reset it myself or does it need to be sent back to LDG? Thanks.

As a separate question, is it safe to assume the 600 meter power readings (watts) reflect the output from the tuner and not the input from the transceiver?

Thanks in advance for the help!

John/KC9TND

8235. RE: [LDG-auto-tuners] LDG 600 Pro II Quirk

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-04-25 16:14:50 UTC
From: Thomas Chesek
Topic: 8231 Message: 8235

I should also have said to see page 12 of the manual.

Tom K3TVC

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@...m]
Sent: Tuesday, April 25, 2017 12:10
To: LDG-auto-tuners@yahoogroups.com
Subject: RE: [LDG-auto-tuners] LDG 600 Pro II Quirk

The lowest threshold level that you can set is 1:7. Am I missing what you are trying to accomplish? Do you have a manual? If not you can get it online at http://www.ldgelectronics.com/assets/manuals/AT-600ProIIManual.pdf

Tom K3TVC

From: LDG-auto-tuners@yahoogroups.com <mailto:LDG-auto-tuners@yahoogroups.com> [mailto:LDG-auto-tuners@yahoogroups.com]
Sent: Tuesday, April 25, 2017 09:54
To: LDG-auto-tuners@yahoogroups.com <mailto:LDG-auto-tuners@yahoogroups.com>
Subject: Re: [LDG-auto-tuners] LDG 600 Pro II Quirk

Hi Mike,

No, that's the issue. I can't get it to any threshold level below 1.7. That's as low as it will cycle to when trying to set it.

Sent from my iPhone

On Apr 25, 2017, at 1:04 AM, KK2DOG in NY kk2dog@yahoo.com <mailto:kk2dog@...> [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com <mailto:LDG-auto-tuners@yahoogroups.com> > wrote:

The SWR threshold should be adjustable. Perhaps you have it set to 1.7?

Mike KK2DOG

Watertown, NY

From: "John Bjerke jsbjerke1@... <mailto:jsbjerke1@yahoo.com> [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com <mailto:LDG-auto-tuners@yahoogroups.com> >
To: LDG-auto-tuners@yahoogroups.com <mailto:LDG-auto-tuners@yahoogroups.com>
Sent: Monday, April 24, 2017 5:18 PM
Subject: [LDG-auto-tuners] LDG 600 Pro II Quirk

Hi,

This is my second LGD 600 Pro. I purchased the first one in 2011 and it's done yeoman service. It still works perfectly. I purchased the 600 Pro II about a month ago or so along with the 600 meter in order to have a more accurate power out reading for digital modes.

This Pro II has an quirk. It will not set the SWR below 1.7. It cycles upward through the settings to 3.5, then goes back to 1.7. I've checked the manual and it seems as though it should cycle through 3.5 then go to 1.0 just as my 600 Pro does/did. Is this a defective unit or is this a common occurrence? Any way to reset it myself or does it need to be sent back to LDG? Thanks.

As a separate question, is it safe to assume the 600 meter power readings (watts) reflect the output from the tuner and not the input from the transceiver?

Thanks in advance for the help!

John/KC9TND

8236. Re: [LDG-auto-tuners] LDG 600 Pro II Quirk

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-04-25 16:17:57 UTC
From: John Bjerke
Topic: 8231 Message: 8236

Thanks, I totally missed that. My older 600 Pro allowed setting a lower threshold. Bad assumption on my part.

On Tuesday, April 25, 2017 12:11 PM, "'Thomas Chesek' tchesek@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:

The lowest threshold level that you can set is 1:7. Am I missing what you are trying to accomplish? Do you have a manual? If not you can get it online at http://www.ldgelectronics.com/assets/manuals/AT-600ProIIManual.pdf Tom K3TVC From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com]
Sent: Tuesday, April 25, 2017 09:54
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] LDG 600 Pro II Quirk Hi Mike,No, that's the issue. I can't get it to any threshold level below 1.7. That's as low as it will cycle to when trying to set it.

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On Apr 25, 2017, at 1:04 AM, KK2DOG in NY kk2dog@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:
The SWR threshold should be adjustable. Perhaps you have it set to 1.7?
Mike KK2DOG Watertown, NY From: "John Bjerke jsbjerke1@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com>
To: LDG-auto-tuners@yahoogroups.com
Sent: Monday, April 24, 2017 5:18 PM
Subject: [LDG-auto-tuners] LDG 600 Pro II Quirk Hi,This is my second LGD 600 Pro. I purchased the first one in 2011 and it's done yeoman service. It still works perfectly. I purchased the 600 Pro II about a month ago or so along with the 600 meter in order to have a more accurate power out reading for digital modes. This Pro II has an quirk. It will not set the SWR below 1.7. It cycles upward through the settings to 3.5, then goes back to 1.7. I've checked the manual and it seems as though it should cycle through 3.5 then go to 1.0 just as my 600 Pro does/did. Is this a defective unit or is this a common occurrence? Any way to reset it myself or does it need to be sent back to LDG? Thanks. As a separate question, is it safe to assume the 600 meter power readings (watts) reflect the output from the tuner and not the input from the transceiver? Thanks in advance for the help! John/KC9TND

8237. Re: LDG 600 Pro II Quirk

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-04-25 16:41:45 UTC
From: travburg1@...
Topic: 8231 Message: 8237

My 600 Pro has never worked except for a short time even after a factory repair. Gave up on it.

Travis
K5HTB

8238. RE: [LDG-auto-tuners] Re: LDG 600 Pro II Quirk

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-04-25 17:19:54 UTC
From: Bill Husted
Topic: 8231 Message: 8238

Mine worked buy only after a fashion. I eventually went back to my Palstar AT2K. I still have my 600 Pro but haven't used it in a while.

Bill KQ4YA

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com]
Sent: Tuesday, April 25, 2017 12:42 PM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: LDG 600 Pro II Quirk

My 600 Pro has never worked except for a short time even after a factory repair. Gave up on it.

Travis

K5HTB

8239. Re: hard reset

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-04-26 02:52:34 UTC
From: ldgyahoo@...
Topic: 8222 Message: 8239

Ron,

Please state the reason(s) why hams "love" to reset their tuner when putting up a new antenna.

Last time we checked, the tuner will automatically store the new settings anytime a new antenna is used.

Dwayne Kincaid
LDG

8240. Re: hard reset

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-04-26 19:04:06 UTC
From: jsbjerke1@...
Topic: 8222 Message: 8240

Hi Dwayne,
As a separate question, how did LDG decide to make 1.7 the lowest SWR threshold setting for auto-matching with the LDG 600 Pro II? I'm not questioning the decision, just curious. I would have thought 1.5 a more obvious choice though it probably puts more strain on the tuner.

Thanks,

John/KC9TND

8241. Re: hard reset

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-04-26 19:32:30 UTC
From: rmckee1957@...
Topic: 8222 Message: 8241

Just like a cranky computer - when it isn't working right, reboot it and sometimes it will work fine ! Clear the memories to get rid of whatever is confusing the tuner and maybe it will work better. Mine doesn't seem to be learning new settings and most of the time it will not retain setting saved with the manual store function - its like all that does is to make the LED's flash, as on the next tuning cycle it goes back to the settings I did not store.

Rick
KC8AON

---In LDG-auto-tuners@yahoogroups.com, <ldgyahoo@...> wrote :

Ron,

Please state the reason(s) why hams "love" to reset their tuner when putting up a new antenna.

Last time we checked, the tuner will automatically store the new settings anytime a new antenna is used.

Dwayne Kincaid
LDG

8242. Re: hard reset

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-04-26 21:47:41 UTC
From: ldgyahoo@...
Topic: 8222 Message: 8242

Rick,

Thanks so much for the additional information. It does not sound like a reset would help in your case. However, you do bring up a good point about the philosophy of a reset. We will be sure to add it in any future LDG products or software upgrades (that allow it).

Dwayne Kincaid
LDG

8243. Re: hard reset

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-04-26 21:54:27 UTC
From: ldgyahoo@...
Topic: 8222 Message: 8243

John

That's a great question. I don't think anyone has ever asked that before.

The main reason is that the specification of the tuner is such that if the SWR is less than 10 to 1, the tuner will reduce the SWR to 1.5 or less. So tuners with an auto mode can't have the setting any less than 1.7.

As some have mentioned, some of our earlier tuners allowed a setting lower than 1.7. That was great, but the user could create an infinite loop if the tuner was able to find a 1.5 and the Auto Start threshold was also set to 1.5. It would retune every time even though the SWR was good.

In the end, it was much less confusing to have the Auto Start threshold not be within the range of the specifications of the tuner.

Dwayne Kincaid
LDG

8244. At 1000 pro 2 meter and software control

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-04-26 23:19:16 UTC
From: billcrossley@...
Topic: 8244 Message: 8244

Has anyone had any success using the meter connection to control the tuner? I'm trying to get it going...

I've bought a USB serial cable that has 5V TTL output, but I'm having trouble sourcing the 4 pin connector. So, temporarily, I stuck wires into the right holes and gave it a shot. No luck, no response from the tuner for any documented command.

With this cable I bought, I think there is no need to connect anything to the 12 volt output from the tuner, so I only connected rxd, txd, and ground. Is this right? Or, does the tuner need to see some kind of load on that 12v line in order to realize it's plugged in? If so, could I fool it by adding a resistor of the right value between the 12+ and ground? If so, what value for the resistor?

I triple checked the port settings - 38400, 8N1, no for control. I measured 5v on the TTL lines of the cable, too, and watched it drop on the txd line when I sent a bunch of characters over the port, so I'm pretty sure that part of it is working.

My intent is to eventually code an app for controlling the tuner. I'd also like to try to figure out how to get and decode meter readings so that my app could display them. This will help me while running remotely to make sure my amplifier and the tuner itself are online and doing their jobs. Unfortunately, the commands for reading the meters are not documented, so I hope LDG will fix that.

Thanks and 73,

Bill WK2X

8245. Re: [LDG-auto-tuners] Re: hard reset

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-04-27 10:15:51 UTC
From: Joe
Topic: 8222 Message: 8245

Hello Dwayne,

I was disappointed in the fact that the LDG-600ProII would only tune to a VSWR of 1.7 to 1. I am using the tuner with an Ameritron ALS-600 amplifier at a remote site. At full output of 600 watts, the reflected power of a VSWR of 1.7 to 1 would be 40+ watts. The ALS-600 amplifier wants to see less than 50 watts of reflected power.

This is an excerpt from the ALS-600 amplifier manual:

"If the reflected power exceeds 50 watts the power level should be reduced until the reflected
power indicated on the internal meter is 50 watts or less on peaks. At approximately 75
watts of reflected power the internal safety circuitry will disable the amplifier."

This means that, with a VSWR of 1.7 to 1, I am getting close to a reflected power level that becomes questionable. It becomes more of a concern when the station is sometimes 1,000 miles away and I loose the ability to watch meters. My solution has been to add an Elecraft wattmeter to the station and remotely watch VSWR and power levels. Solid state amplifiers are less forgiving of VSWR than tube amplifiers.

I would like to see the tuner tune to 1.3 to 1 VSWR.

73, Joe, K1ike

On 4/26/2017 5:54 PM, ldgyahoo@... [LDG-auto-tuners] wrote:
>
> The main reason is that the specification of the tuner is such that if
> the SWR is less than 10 to 1, the tuner will reduce the SWR to 1.5 or
> less. So tuners with an auto mode can't have the setting any less than
> 1.7.

8246. Re: [LDG-auto-tuners] Re: hard reset

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-04-27 13:16:54 UTC
From: Leonard K. Pennock (AD7AS)
Topic: 8222 Message: 8246

Adding on to this. Older ft857 were known to already start fold back by 1.7. My newer ft950 with the internal tuner off is starting to show fold back at 1.7 so I have to agree with Joe on wanting 1.3 and threshold of 1.5 which the older 100 and 200 supported.
--
Leonard K. Pennock (AD7AS)

On April 27, 2017 3:15:51 AM MST, "Joe k1ike_mail@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote:
>Hello Dwayne,
>
>I was disappointed in the fact that the LDG-600ProII would only tune to
>
>a VSWR of 1.7 to 1. I am using the tuner with an Ameritron ALS-600
>amplifier at a remote site. At full output of 600 watts, the reflected
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>power of a VSWR of 1.7 to 1 would be 40+ watts. The ALS-600 amplifier
>wants to see less than 50 watts of reflected power.
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>reduced until the reflected
>power indicated on the internal meter is 50 watts or less on peaks. At
>approximately 75
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>amplifier."
>
>This means that, with a VSWR of 1.7 to 1, I am getting close to a
>reflected power level that becomes questionable. It becomes more of a
>concern when the station is sometimes 1,000 miles away and I loose the
>ability to watch meters. My solution has been to add an Elecraft
>wattmeter to the station and remotely watch VSWR and power levels.
>Solid state amplifiers are less forgiving of VSWR than tube amplifiers.
>
>I would like to see the tuner tune to 1.3 to 1 VSWR.
>
>73, Joe, K1ike
>
>On 4/26/2017 5:54 PM, ldgyahoo@ldgelectronics.com [LDG-auto-tuners]
>wrote:
>>
>> The main reason is that the specification of the tuner is such that
>if
>> the SWR is less than 10 to 1, the tuner will reduce the SWR to 1.5 or

>
>> less. So tuners with an auto mode can't have the setting any less
>than
>> 1.7.

8247. Re: [LDG-auto-tuners] Re: hard reset

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-04-27 12:00:51 UTC
From: billcrossley@...
Topic: 8222 Message: 8247

I completely agree with Mike on this. 1.7 is too high for a limit. If the tuner can't get a better match than that, then maybe it's time to fix the antenna it's trying to match.

With my full wave 80m loop, I frequently find that the running for one band, say 15m, will also appear to be "close enough" on 12m to be under 1.7, so the tuner won't auto-tune. However, if I manually force a memory or full tune, it can get it down to 1.1, and give a much more ideal match.

This is why I want to write my remote control app for the tuner - so I can force a full tune when it thinks 1.7 is good enough but I know it can do better.

8248. Re: [LDG-auto-tuners] Re: hard reset

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-04-27 13:44:20 UTC
From: rmckee1957@...
Topic: 8222 Message: 8248

I know my old Icom 706Mk2 starts folding back around 1.7:1 and is really aggressive at 2:1. Just recently bought a Yaesu FT-450AT and haven't noticed that on it yet but the tuner in it handles my homebrew Windom just fine where a tuner is needed.

Rick
KC8AON

---In LDG-auto-tuners@yahoogroups.com, <leonardpennock@...> wrote :

Adding on to this. Older ft857 were known to already start fold back by 1.7. My newer ft950 with the internal tuner off is starting to show fold back at 1.7 so I have to agree with Joe on wanting 1.3 and threshold of 1.5 which the older 100 and 200 supported.
--
Leonard K. Pennock (AD7AS)

On April 27, 2017 3:15:51 AM MST, "Joe k1ike_mail@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com> wrote: Hello Dwayne,

I was disappointed in the fact that the LDG-600ProII would only tune to a VSWR of 1.7 to 1. I am using the tuner with an Ameritron ALS-600 amplifier at a remote site. At full output of 600 watts, the reflected power of a VSWR of 1.7 to 1 would be 40+ watts. The ALS-600 amplifier wants to see less than 50 watts of reflected power.

This is an excerpt from the ALS-600 amplifier manual:

"If the reflected power exceeds 50 watts the power level should be reduced until the reflected
power indicated on the internal meter is 50 watts or less on peaks. At approximately 75 watts of reflected power the internal safety circuitry will disable the amplifier."

This means that, with a VSWR of 1.7 to 1, I am getting close to a reflected power level that becomes questionable. It becomes more of a concern when the station is sometimes 1,000 miles away and I loose the ability to watch meters. My solution has been to add an Elecraft wattmeter to the station and remotely watch VSWR and power levels. Solid state amplifiers are less forgiving of VSWR than tube amplifiers.

I would like to see the tuner tune to 1.3 to 1 VSWR.

73, Joe, K1ike

On 4/26/2017 5:54 PM, ldgyahoo@... mailto:ldgyahoo@... [LDG-auto-tuners] wrote:

The main reason is that the specification of the tuner is such that if the SWR is less than 10 to 1, the tuner will reduce the SWR to 1.5 or less. So tuners with an auto mode can't have the setting any less than 1.7.

8249. Re: [LDG-auto-tuners] Re: hard reset/1.7 SWR

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-04-27 17:46:41 UTC
From: ldgyahoo@...
Topic: 8222 Message: 8249

Rick,

If the radio starts to fold back at 1.7 SWR, isn't that exactly where you would want the tuner to start tuning?

If a modern radio starts to fold back at 1.5 SWR or less, that's a radio design issue that should be directed to the radio manufacturer.

From an engineering standpoint, the infinite loop issue when the starting threshold could be set below 1.7 is a complete show stopper (many, many radios were damaged on models that allowed that). The need to have the tuner automatically start tuning at 1.5 or 1.3 is a condition that as the user could press the tune button on the tuner (or radio in some cases) any time they choose.

Is there some confusion on exactly what the starting threshold setting does? It only applies when Auto mode is on and then only when the SWR is near the starting threshold level. A common misconception is that the starting threshold is assumed to be a final SWR target level. The tuner will alway finds the best match that it can, it will never stop early if it finds a 1.5 while tuning.

Dwayne
LDG

8250. Re: [LDG-auto-tuners] Re: hard reset/1.7 SWR

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-04-27 18:16:45 UTC
From: ldgyahoo@...
Topic: 8222 Message: 8250

WK2X,

I apologize in advance, but I'm not following the logic. The starting threshold has nothing to do with the final SWR achieved. The tuner only looks at the threshold level as a guide to start tuning when the tuner is in automatic mode. That is, the tuner will only start tuning when the SWR reaches the starting threshold setting of 1.7, 2.0, 2.5, or 3.0. In terms of logic, after the tuner starts, it never looks at the threshold setting again during the entire tuning cycle.

Again, I'm apologizing for not understanding your point, but it really looks like the current configuration of the tuner does exactly what you are asking for.

Dwayne Kincaid
LDG

8251. Re: [LDG-auto-tuners] Re: hard reset/1.7 SWR

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-04-27 18:59:27 UTC
From: jsbjerke1@...
Topic: 8222 Message: 8251

Dwayne,
Thanks a lot for taking the time to respond to all these questions. I'm sorry if I opened a can of worms with my original question. My error was in mistaking the threshold SWR for the target SWR.

If I now understand you correctly, with the threshold set at 1.7 the tuner views any SWR below 1.7 as "acceptable" and doesn't automatically try to reduce it. The operator can still start a tune cycle to possibly further lower it, but it won't occur automatically. Any SWR at 1.7 or above will trigger an automatic tune with the resultant SWR reduced to the best match the tuner can find. All of this assumes the tuner is in automatic mode of course.

Separately, I really like LDG tuners. Like many hams I live in a neighborhood covered by covenants that exclude a serious antenna. I do well with a 130' OCF dipole, a portion of which sits over the corner of the house. It's a tough antenna to turn into a wide multiband, but my first LDG 600 Pro purchased in 2011 did the trick (and continues to perform flawlessly). I purchased the Pro II to get the metering capability without inserting another element between the amp and the tuner. So far it's been every bit as good as the 600 Pro.

Regards.

John/KC9TND

8252. Re: [LDG-auto-tuners] Re: hard reset/1.7 SWR

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-04-27 19:07:35 UTC
From: rmckee1957@...
Topic: 8222 Message: 8252

Rick,

If the radio starts to fold back at 1.7 SWR, isn't that exactly where you would want the tuner to start tuning?<snip>

Yes, but shouldn't the swr go down - not up or stay the same ?

If a modern radio starts to fold back at 1.5 SWR or less, that's a radio design issue that should be directed to the radio manufacturer.

Agreed !

From an engineering standpoint, the infinite loop issue when the starting threshold could be set below 1.7 is a complete show stopper (many, many radios were damaged on models that allowed that). The need to have the tuner automatically start tuning at 1.5 or 1.3 is a condition that as the user could press the tune button on the tuner (or radio in some cases) any time they choose. <snip>

I don't have a problem with it starting the tune cycle at 1.7:1 as if I don't feel that's good enough I can always use the mannual function if need be. Its just the fact that I start a tune cycle and actually see it pass up a 1:1 sometimes several times and then settle on a higher swr. To me, that's not finding the "best match". Which would you say is the better match, a 1:1 or a 2:1 ?

Is there some confusion on exactly what the starting threshold setting does? It only applies when Auto mode is on and then only when the SWR is near the starting threshold level. A common misconception is that the starting threshold is assumed to be a final SWR target level. The tuner will alway finds the best match that it can, it will never stop early if it finds a 1.5 while tuning. <snip>

Again, that's what I've been trying to explain, it doesn't always find the best match and sometimes even makes it worse. So, if I push the tune button and it starts to tune and finds a 1:1 match, but then passes that up and settles on something higher like a 2:1, are you saying that is a better match ? That's the part I find confusing !

Dwayne
LDG

8253. Re: [LDG-auto-tuners] Re: hard reset/1.7 SWR

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-04-27 18:55:48 UTC
From: Jim Allen
Topic: 8222 Message: 8253

Hmmm. That's not what my RT100 appears to do. It is out of service at present, but when I was using it, on tune, the swr meter would hop around, until it completed, very often at an swr level higher than the lowest one observed during that tune cycle. I watched it go right passed 1:1 or nearly so many times. It would select a tune state that gave a satisfactory ratio, 1.7-1.8 etc., but not necessarily the lowest observed in the tune cycle.

Am I misinterpreting this some how?

73 Jim Allen W6OGC

Sent from my iPad

> On Apr 27, 2017, at 12:46, ldgyahoo@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:

> The tuner will alway finds the best match that it can, it will never stop early if it finds a 1.5 while tuning.
>
>
> Dwayne
> LDG
>
>

8254. Re: [LDG-auto-tuners] Re: hard reset/1.7 SWR

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-04-28 12:54:45 UTC
From: Joe
Topic: 8222 Message: 8254

Dwayne,

I too thank you for clarifying this. I reread the manual and now understand the threshold VSWR value.

But I have another question. When I return to a frequency that I previously used, the tuner uses the previous tuner settings it stored in Memory Tune. What is the threshold for the Memory Tune operation to trigger a re-tune? Is it 1:1 VSWR or something else?

To simplify my question, what value does Memory Tune consider an acceptable VSWR before a re-tune is done?

Joe

On 4/27/2017 2:59 PM, jsbjerke1@... [LDG-auto-tuners] wrote:
> Dwayne,
> Thanks a lot for taking the time to respond to all these questions.
> I'm sorry if I opened a can of worms with my original question. My
> error was in mistaking the threshold SWR for the _target_ SWR.
>

8255. Re: [LDG-auto-tuners] Re: hard reset/1.7 SWR/RT-100

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-04-28 18:01:14 UTC
From: ldgyahoo@...
Topic: 8222 Message: 8255

Jim,

Please start a new thread for a new topic. The RT-100 does not have the same feature set as the Generic tuners so this a totally different question. The RT-100 does not have a settable threshold or a reset.

Dwayne Kincaid
LDG

8256. Re: [LDG-auto-tuners] Re: hard reset/1.7 SWR

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-04-28 18:05:55 UTC
From: ldgyahoo@...
Topic: 8222 Message: 8256

Joe,

Good question.

All of our tuners have the SWR save threshold set to 3.0. In practice anything that is over 1.7 should not be saved (as has already been discussed), but there is some leeway.

Dwayne Kincaid

8257. Re: [LDG-auto-tuners] Re: hard reset/1.7 SWR

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-04-28 18:07:30 UTC
From: ldgyahoo@...
Topic: 8222 Message: 8257

Rick,

Can you re-post this one in a readable format. We can't really follow what you are trying to ask.

Dwayne
LDG

8258. Re: [LDG-auto-tuners] Re: hard reset/1.7 SWR

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-04-28 18:19:05 UTC
From: ldgyahoo@...
Topic: 8222 Message: 8258

John,

100% correct on the your explanation of the threshold. Thank you so much for putting into better words for us. Curse of Knowledge and all that on our part.

Dwayne
LDG

8259. M-1000 + AT-1000 in Passthru and an RT-600 downstream at antenna

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-04-29 01:03:25 UTC
From: steve@...
Topic: 8259 Message: 8259

Two questions:
1) Does anyone know if the M-1000 meter and/or LEDs still function (register power) when the AT-1000 is in pass thru mode. In other words, when the AT-1000 is not adjusting SWR, but simply passing RF on to the antenna.

The reason I ask is I'm wondering if I can use the AT-1000 combo to read power when I have an RT-600 located remotely at the antenna.

Which leads to this question:
2) A bias-T (RC-600) is used to inject DC onto coax center conductor to supply the RT-600. I am assuming this bias-T would need to be on the downstream antenna side (???) of the AT-1000, but is that not problematic itself?

Thanks for any insight. 73 Steve K4SCK

8260. M-1000 or M-600 - Antenna 1 <-> Antenna 2 change from METER keys

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-04-29 01:09:06 UTC
From: steve@...
Topic: 8260 Message: 8260

Does anyone know if it's possible to change Antenna 1 to Antenna 2 and back from METER keys on the M-1000 or M-600 remote meters? If so how? Any other ideas?

Thanks, 73 K4SCK Steve

8261. Re: M-1000 or M-600 - Antenna 1 <-> Antenna 2 change from METER keys

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-04-29 12:04:38 UTC
From: ldgyahoo@...
Topic: 8260 Message: 8261

Hi Steve,

Yes you can do that. Read the M-600/M-1000 meter protocol document in the manuals section of the LDG web site.

Dwayne Kincaid
LDG

8262. Re: M-1000 + AT-1000 in Passthru and an RT-600 downstream at antenna

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-04-29 12:10:15 UTC
From: ldgyahoo@...
Topic: 8259 Message: 8262

Steve,

Yes, the meter always works with the tuners long as they are both on and connected.

There should be nothing besides coax (and maybe an adapter) between the bias T (RC-600) and the RT-600. Bias T information is in the RT-600 manual from the LDG web site.

Dwayne Kincaid
LDG

8263. Re: LDG 600 Pro II Quirk

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-05-01 22:28:24 UTC
From: ab9qu@...
Topic: 8231 Message: 8263

My 600 ProII will not tune my Alpha Delta DX LB Pluss on 160 meters. The tuner in my FT-1000D tunes the antenna on 160 meters fine. Bill AB9QU

8264. Re: LDG 600 Pro II Quirk

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-05-01 22:34:32 UTC
From: jwalden@...
Topic: 8231 Message: 8264

Why do you need an autotuner for antennas that are already tuned to band?

Asking this naively as I like designing my own wire antennas on HF. But now moving to smaller space & suddenly I am interested and am interested

8265. Re: [LDG-auto-tuners] Re: LDG 600 Pro II Quirk

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-05-01 23:32:58 UTC
From: Ralph Mowery
Topic: 8231 Message: 8265

If the swr is low enough you do not need an autotuner. Some bands like 80 meters are very difficult to get an antenna to operate over most of the band with a swr low enough the transmitter will not cut back if like most solid state rigs.
If your antenna is , say under 1.5:1 you probably do not need a tuner.

From: "jwalden@... [LDG-auto-tuners]" <LDG-auto-tuners@yahoogroups.com>
To: LDG-auto-tuners@yahoogroups.com
Sent: Monday, May 1, 2017 7:18 PM
Subject: [LDG-auto-tuners] Re: LDG 600 Pro II Quirk

  Why do you need an autotuner for antennas that are already tuned to band?
Asking this naively as I like designing my own wire antennas on HF. But now moving to smaller space & suddenly I am interested and am interested

8266. Re: LDG 600 Pro II Quirk

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-05-02 05:11:17 UTC
From: ab9qu@...
Topic: 8231 Message: 8266

This antenna is extremely narrow banded on 160. That is why a tuner is needed unless you want to stay in about a 10Kc area. I don't. The radio will tune the antenna but the does nothing for my ALS 600 amp. And the SWR goes up real fast. Bill AB9QU

8267. AT-100Pro 2 quirk also

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-05-03 05:54:10 UTC
From: pg321@...
Topic: 8267 Message: 8267

Hi all , this AT100 has been great , but i have noticed a quirk too .
I have the AT100 to turn on when the radio turns on by having it plugged into the accessory socket (applies 13vdc when the radio comes on)

Not every-time does the AT100 turn on , like 1 in 5 times its erratic , i have to reboot the radio (turn off then on) , i have checked and the +v is always behaving as it should from the radio .

Should i place a electrolytic of some size? (500/1000uF) across the DC input of the AT-100 to do some smoothing?

Any more suggestions? (one can see if the AT100 turns on by the lights flashing quickly , as mentioned there is nothing sometimes , all connections are good and reliable)

Sorry for long post , Paul ....

8268. Re: AT-100Pro 2 quirk also

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-05-03 13:53:42 UTC
From: pg321@...
Topic: 8267 Message: 8268

Update> i think one can ignore the previous .

It looks like the drama so far was the barrel fitting on the AL_PAC cable which i got with the AT100 awhile back , it seems after looking at a few i have (barrel fittings) most were another 5mm or so longer , so i refitted a longer one and all seems well so far , 7 turn on's and everything has turned on , i always thought when plugging in the al_pac (ALINCO) cable that it always seemed as if it should go in further ...

cheers , Paul ...

8269. Re: AT-100Pro 2 quirk also

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-05-04 11:58:10 UTC
From: pg321@...
Topic: 8267 Message: 8269

Nope! , its back .

That was around 15 times all up and just then it was back and it took 3 radio on/off's before the AT100ProII came on .

Anyone else here with a AT100 noticed this?

So that question remains , Would a electrolytic (inside the AT100) fitted across the dc rail or somewhere fix it up?

I'll look around for a schematic , cheers all , Paul ..

8270. Re: [LDG-auto-tuners] Re: AT-100Pro 2 quirk also

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-05-04 13:51:46 UTC
From: KC Potter
Topic: 8267 Message: 8270

I'm not saying this is the tuner, but this sounds like a cold solder joint
or bad power connections somewhere.

k5vp

On Thu, May 4, 2017 at 12:58 PM, pg321@... [LDG-auto-tuners] <
LDG-auto-tuners@...m> wrote:

>
>
> Nope! , its back .
>
> That was around 15 times all up and just then it was back and it took 3
> radio on/off's before the AT100ProII came on .
>
> Anyone else here with a AT100 noticed this?
>
> So that question remains , Would a electrolytic (inside the AT100) fitted
> across the dc rail or somewhere fix it up?
>
> I'll look around for a schematic , cheers all , Paul ..
>
>

8271. AUTO TUNE FOR RECEIVERS ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-05-04 17:12:01 UTC
From: wa2hso@...
Topic: 8271 Message: 8271

hi all

Has any one found away to use an ldg tuner for a receiver only
YES. a manual tuner would work , but it would be nice to AUTO TUNE

AFTER tuning a band with the auto tuner , can it still work & be used with a receiver on that band ?

JOHN
WA2HSO

8272. Re: [LDG-auto-tuners] AUTO TUNE FOR RECEIVERS ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-05-04 20:14:37 UTC
From: Charles Scott
Topic: 8271 Message: 8272

John:

The only way for an LDG tuner to find a solution for a particular frequency is to do so with some transmit power applied, unless of course if the tuner has manual tune controls. Once that solution is found, you can continue to receive taking advantage of the better match. That is until power is removed (unless the tuner has "latching" relays). Changing frequency by a significant amount would require transmit power again to tune to that frequency.

You're correct that this is an advantage of a manual tuner. There are probably ways to use receive level (noise) to automate coming to some decent tuning solution, but I don't know of any tuners that do that. Another way would be for the tuner to have its own (low power) source built in as many analyzers do, but that would require the tuner knowing what frequency it would need to generate.

Sounds like a new product opportunity, marry an antenna analyzer with a light-weight antenna tuner.

Chuck - N8DNX

On 5/4/2017 1:12 PM, wa2hso@... [LDG-auto-tuners] wrote:
>
>
> hi all
>
> Has any one found away to use an ldg tuner for a receiver only
> YES. a manual tuner would work , but it would be nice to AUTO TUNE
>
> AFTER tuning a band with the auto tuner , can it still work & be used
> with a receiver on that band ?
>
> JOHN
> WA2HSO

8273. Re: AT-100Pro 2 quirk also

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-05-05 01:08:54 UTC
From: pg321@...
Topic: 8267 Message: 8273

Ok , thanks for the input K5VP .

I'm still to take a look for a schematic (no great rush as its a small drama) .

Soon , I'll pull the covers off and take a look as i now know its not the dc leads or supply to said device , another 8 times with no troubles since the last time , I'll get the Agilent scope out and look for turn on glitches on the DC rail just in case .

Paul ..

8274. Re: AUTO TUNE FOR RECEIVERS ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-05-05 01:11:50 UTC
From: pg321@...
Topic: 8271 Message: 8274

Just reading this ,
Sounds like a great idea!

Paul

8275. Re: AT-100Pro 2 quirk also

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-05-05 05:19:18 UTC
From: pg321@...
Topic: 8267 Message: 8275

"Soon" happened quicker than i thought it was going to .

1st , i did the shotgun effect and retouched all the power in dc stuff with the soldering iron , and added a 330uf before the series diode and after the ferrite bead , no rocket science there as after the series diode is a 7805 5v regulator .

2nd turn on it did it again , got out the scope and measured/looked for a glitch? on the input to the 7805 and output of the 7805 and saw nothing , but i might add that whilst doing all this the AT100 never failed to turn on! ha ha ha .

In a temporary folder named temporary in the Album section here there are screen shots of the input and output of the 7805 at turn on using the scope in capture/one shot mode , not a thing to see there regarding anything unusual , the gap between the top line and bottom line is the turn on voltage with no overshoot or glitches noticeable , this was doing a shot at least 6 times each and those pics are just the common seen.

Then after checking at the +v at the micro-controller itself pins (pins 11/32) nothing to see there either , so looking up the micro-controller a PIC IC and downloading the data sheet I'll read further on , its a big data sheet too .
http://ww1.microchip.com/downloads/en/DeviceDoc/39631E.pdf
http://ww1.microchip.com/downloads/en/DeviceDoc/39631E.pdf

Paul

8276. Re: [LDG-auto-tuners] Re: AUTO TUNE FOR RECEIVERS ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-05-05 12:44:29 UTC
From: Charles Scott
Topic: 8271 Message: 8276

Paul:

Yep, then perhaps we won't have people tuning their antennas on net frequencies at power. :)

Chuck

On 5/4/2017 9:11 PM, pg321@... [LDG-auto-tuners] wrote:

8277. Re: AUTO TUNE FOR RECEIVERS ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-05-05 13:20:25 UTC
From: ik3umt@...
Topic: 8271 Message: 8277

What do you mean for "receive only"? To give the non resonant antenna a match to the receiver/feedline impedance thus avoiding the signal to be attenuated by mismatch ?

If the antenna is for RX only purpose, a uniformity matching would be better (i.e. a buffer/preamp with few ohms inner impedance) directly at the RX antenna feedpoint, fed via coax cable itself (injector- bias tee).

Federico
ik3umt

8278. Re: [LDG-auto-tuners] Re: AUTO TUNE FOR RECEIVERS ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-05-05 17:03:52 UTC
From: john dutton
Topic: 8271 Message: 8278

HELLO....

WHEN USING AN ANTENNA ON A DEDICATED RECEIVER, (old hallicrafters /national)

one must use a manual tuner with capacitance & inductance controls to match the

antenna for the receive frequency (usually by highest signal level/noise)

wouldn't i be nice to have a tuner that would "hear" the signal/noise and do it AUTOMATICALLY)

THATS MY QUESTION , about making an LDG tuner I already have , do it

john

From: LDG-auto-tuners@yahoogroups.com <LDG-auto-tuners@yahoogroups.com> on behalf of ik3umt@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com>
Sent: Friday, May 5, 2017 9:20 AM
To: LDG-auto-tuners@yahoogroups.com
Subject: [LDG-auto-tuners] Re: AUTO TUNE FOR RECEIVERS ?

What do you mean for "receive only"?

To give the non resonant antenna a match to the receiver/feedline impedance thus avoiding the signal to be attenuated by mismatch ?

If the antenna is for RX only purpose, a uniformity matching would be better (i.e. a buffer/preamp with few ohms inner impedance) directly at the RX antenna feedpoint, fed via coax cable itself (injector- bias tee).

Federico
ik3umt

8279. RE: [LDG-auto-tuners] Re: AUTO TUNE FOR RECEIVERS ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-05-05 17:42:35 UTC
From: Thomas Chesek
Topic: 8271 Message: 8279

I’d like my car to fly too but it wasn’t designed to do that. It would need wings at least just as the auto tuner would need an RF source. I know that you don’t want to use a manual tuner but if I were doing it I would use a manual tuner with a noise bridge such as the old Heathkit HD-1422 or the MFJ-202(B).

Tom K3TVC

From: LDG-auto-tuners@yahoogroups.com [mailto:LDG-auto-tuners@yahoogroups.com]
Sent: Friday, May 5, 2017 13:04
To: LDG-auto-tuners@yahoogroups.com
Subject: Re: [LDG-auto-tuners] Re: AUTO TUNE FOR RECEIVERS ?

HELLO....

WHEN USING AN ANTENNA ON A DEDICATED RECEIVER, (old hallicrafters /national)

one must use a manual tuner with capacitance & inductance controls to match the

antenna for the receive frequency (usually by highest signal level/noise)

wouldn't i be nice to have a tuner that would "hear" the signal/noise and do it AUTOMATICALLY)

THATS MY QUESTION , about making an LDG tuner I already have , do it

john

From: LDG-auto-tuners@yahoogroups.com <mailto:LDG-auto-tuners@yahoogroups.com> <LDG-auto-tuners@yahoogroups.com <mailto:LDG-auto-tuners@yahoogroups.com> > on behalf of ik3umt@... <mailto:ik3umt@...> [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com <mailto:LDG-auto-tuners@yahoogroups.com> >
Sent: Friday, May 5, 2017 9:20 AM
To: LDG-auto-tuners@yahoogroups.com <mailto:LDG-auto-tuners@yahoogroups.com>
Subject: [LDG-auto-tuners] Re: AUTO TUNE FOR RECEIVERS ?

What do you mean for "receive only"?

To give the non resonant antenna a match to the receiver/feedline impedance thus avoiding the signal to be attenuated by mismatch ?

If the antenna is for RX only purpose, a uniformity matching would be better (i.e. a buffer/preamp with few ohms inner impedance) directly at the RX antenna feedpoint, fed via coax cable itself (injector- bias tee).

Federico

ik3umt

8280. Re: [LDG-auto-tuners] Re: AUTO TUNE FOR RECEIVERS ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-05-06 03:34:34 UTC
From: pg321@...
Topic: 8271 Message: 8280

Or , like those newer flash antenna analyzers work , a really low level injection signal and that measures the match and then that thing uses that data to tune or match the Radio/Antenna network , auto tuner/matcher .

Push 1 button and bingo , change bands (say from 30m SW) to 19m SW and push a button , connectors/balun for long wire and coax fed / vertical .

LDG , you can doooooooooo it :_)

Short Wave Listeners will be delighted , me too , Paul

8281. Re: AT-100Pro 2 quirk also

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-05-06 03:44:31 UTC
From: pg321@...
Topic: 8267 Message: 8281

Apologies for being a bit monologue here .

Someone might be interested ?, after reading the linked data sheet for the micro-controller a bit , if one looks at chapter 4 on the left , Reset , then POR and MCLR , power on reset and then the rest of the stuff it looks like everything is inside the IC with Code , magic stuff .
I'll take a look at pin 1 when the cover is off again (its in use atm) , as pin 1 seems important for power on stuff .
Thats all for now , Paul

BTW> sticker on IC , is product name then "10" , version 10?

8282. Re: [LDG-auto-tuners] Re: AUTO TUNE FOR RECEIVERS ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-05-06 10:58:04 UTC
From: Joe
Topic: 8271 Message: 8282

I would say that it would be possible to make an automatic antenna tuner for a receiver. Whether it would be practical or profitable to manufacture is another question......

Way back in the 1970's I used a Palomar Noise Bridge to tune my multi-band antenna. The noise bridge was placed in series with the coax, between the transceiver and the antenna tuner. You would then tune the receiver to the frequency that you wanted to use and tune the antenna tuner for minimum, or null, noise in the receiver loudspeaker.

It would be technically possible for an automatic antenna tuner to tune for minimum noise instead of minimum VSWR, but would require a cable to feed receiver audio from the receiver to the tuner.

73, Joe, K1ike

8283. Re: [LDG-auto-tuners] Re: AUTO TUNE FOR RECEIVERS ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-05-06 10:26:18 UTC
From: pg321@...
Topic: 8271 Message: 8283

And for a user interface a row of buttons along the front .

120M 90M 75M 60M 49M 41M 31M 25M 22M 19M 16M 13M 11M

M = meter band shortwave , and just press the button

I guess everything would just need to be smd (inductors and the lot) as its just for receiving , also these days IC's can be relays with multiple on 1 IC with plenty of isolation , also a bit of lightning protection for indirect close-ish stuff at the front end (neon and mov type) .

And as previously mentioned the most simplest would be a noise-peaker type of circuit a few posts back (and cheaper) .

Paul

8284. Re: [LDG-auto-tuners] Re: AUTO TUNE FOR RECEIVERS ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-05-07 08:23:20 UTC
From: ldgyahoo@...
Topic: 8271 Message: 8284

We did an R+D project a few years ago with a DDS chip (low power, serially controlled, agile, RF generator) with LCD display (to show the freq) that produced about 100 mW. Then we interfaced a custom tuner that had a low power SWR sensor.

While that would give you the best SWR match, it would not always protect from adjacent band noise. The switched L-network can only be all pass, low pass or high pass, and never be band pass.

Since most of the modern radios have band pass pre-selectors in them, the only market is really the boat anchors and maybe a few SWL receivers. With extra components needed for the generator and more capacitors to make a T-network to create the desired bandpass, it would almost double the price of a regular tuner.

We've been on the lookout for someone to write it up in QEX, but nothing yet. Maybe someone will do a Raspberry PI implementation.

Dwayne Kincaid
LDG

8285. Re: [LDG-auto-tuners] Re: AUTO TUNE FOR RECEIVERS ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-05-07 11:43:06 UTC
From: Joe
Topic: 8271 Message: 8285

I would think that a 100mw Rf source would be considered an emitter by the FCC requiring licensing for operation. This may be a problem for something an SWL uses for tuning an antenna.

Joe

On 5/7/2017 4:23 AM, ldgyahoo@... [LDG-auto-tuners] wrote:
> We did an R+D project a few years ago with a DDS chip (low power,
> serially controlled, agile, RF generator) with LCD display (to show
> the freq) that produced about 100 mW.

8286. Re: [LDG-auto-tuners] Re: AUTO TUNE FOR RECEIVERS ?

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-05-07 16:59:52 UTC
From: ldgyahoo@...
Topic: 8271 Message: 8286

We picked 100 mW because it's allowed in the US under Part 95. Outside of US may have different rules.

Dwayne
LDG.

8288. Re: AT-200 pro II static

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-05-10 20:30:47 UTC
From: R.S.
Topic: 8288 Message: 8288

I would like to add that today I tired switching to AM mode when the static happens and I heard faint music playing through the static. I spun the VFO and heard it from 33mhz all the way to 55 kHz. I then plugged the antenna directly to the radio and heard nothing. This is weird.
Ryan W6ZAR

Sent from Yahoo Mail on Android

8289. Re: [LDG-auto-tuners] Re: AT-200 pro II static

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-05-10 21:12:26 UTC
From: Craig
Topic: 8288 Message: 8289

Sounds like you have an AM station really close by and need to use a trap?

Craig, N4FSC

> On May 10, 2017, at 4:30 PM, 'R.S.' rzar66@... [LDG-auto-tuners] <LDG-auto-tuners@yahoogroups.com> wrote:
>
>
>
> I would like to add that today I tired switching to AM mode when the static happens and I heard faint music playing through the static. I spun the VFO and heard it from 33mhz all the way to 55 kHz. I then plugged the antenna directly to the radio and heard nothing. This is weird.
>
> Ryan W6ZAR
>
> Sent from Yahoo Mail on Android
>
>
>

8290. Re: [LDG-auto-tuners] Re: AT-200 pro II static

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-05-10 22:18:53 UTC
From: Joe
Topic: 8288 Message: 8290

I'd like to take a wild guess as to what is happening.

You like close to an AM broadcast station. The signal is so strong that the tuner is somehow detecting the signal (diodes in the VSWR monitoring circuit?) When you eliminate the tuner the interference goes away because there is no longer anything to detect the signal.

Try listening on the radio using AM, then take another AM broadcast radio and see if you can match the music/talking with the interference that you are getting. If this is the problem, you may end up looking into some type of filter to eliminate AM broadcast interference.

73, Joe, K1ike

On 5/10/2017 4:30 PM, 'R.S.' rzar66@... [LDG-auto-tuners] wrote:
> I would like to add that today I tired switching to AM mode when the
> static happens and I heard faint music playing through the static. I
> spun the VFO and heard it from 33mhz all the way to 55 kHz. I then
> plugged the antenna directly to the radio and heard nothing. This is
> weird.
>
> Ryan W6ZAR

8291. Re: [LDG-auto-tuners] Re: AT-200 pro II static

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-05-11 12:28:02 UTC
From: Joe
Topic: 8288 Message: 8291

What happens when you put the tuner in the bypass mode?

Joe

On 5/10/2017 6:18 PM, Joe k1ike_mail@... [LDG-auto-tuners] wrote:
>
>
> I'd like to take a wild guess as to what is happening.
>
> You like close to an AM broadcast station. The signal is so strong
> that the tuner is somehow detecting the signal (diodes in the VSWR
> monitoring circuit?) When you eliminate the tuner the interference
> goes away because there is no longer anything to detect the signal.
>
> Try listening on the radio using AM, then take another AM broadcast
> radio and see if you can match the music/talking with the interference
> that you are getting. If this is the problem, you may end up looking
> into some type of filter to eliminate AM broadcast interference.
>
> 73, Joe, K1ike
>
> On 5/10/2017 4:30 PM, 'R.S.' rzar66@... [LDG-auto-tuners] wrote:
>> I would like to add that today I tired switching to AM mode when
>> the static happens and I heard faint music playing through the
>> static. I spun the VFO and heard it from 33mhz all the way to 55 kHz.
>> I then plugged the antenna directly to the radio and heard nothing.
>> This is weird.
>>
>> Ryan W6ZAR
>
>
>
>

8292. Re: AT-200 pro II static

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-05-11 13:10:45 UTC
From: rzar66@...
Topic: 8288 Message: 8292

The tuner is in bypass mode when I am on 6 meters.

I found the interfering channel. It's KFSD AM 1450 and the broadcast tower is about 4 miles from my house. It says they broadcast at 1000 watts. Didn't know I lived so close to a radio station.

I don't need the tuner for 6 meters. I just have my 6m antenna plugged into it for the convenience of the built in antenna switch and also seeing the power and SWR display.

Ryan

8293. Re: [LDG-auto-tuners] Re: AT-200 pro II static

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-05-11 14:21:23 UTC
From: Joe
Topic: 8288 Message: 8293

I sounds like you need a high pass filter. DX Engineering has the "DLW Associates AM Broadcast Band Brick-Wall High Pass Filters FL1718". This filter would be put between the antenna and the tuner. The bad news is that it costs $195.00

There are probably others, this is just an example of one. The ARRL site has construction plans if you want to try rolling your own.

Did you match the audio up from KFSD with the interference you are hearing? Make sure your on the right path before you go spending money. It sounds like a good hi-pass filter is going to be a way of life for you and ham radio HF operations. I wouldn't cheapen out on the filter.

73, Joe, K1ike

On 5/11/2017 9:10 AM, rzar66@... [LDG-auto-tuners] wrote:
> The tuner is in bypass mode when I am on 6 meters.
>
> I found the interfering channel. It's KFSD AM 1450 and the broadcast tower is about 4 miles from my house. It says they broadcast at 1000 watts. Didn't know I lived so close to a radio station.

8294. Re: [LDG-auto-tuners] Re: AT-200 pro II static

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-05-11 15:06:50 UTC
From: rzar66@...
Topic: 8288 Message: 8294

The problem only exists when l am on 6 meters, never had a issue on HF which I think is weird.

I did match the audio from the AM station with another radio and I am 100% sure that is where it's coming from.

Since the problem only occurs on 6 meters when my antenna is plugged into the tuner and goes away when plugged directly to the radio. I was thinking about running a duplexer to split HF and 6m. I could run the HF side of the duplexer to the tuner and the VHF side straight to my 6m antenna. Not sure if I an going to like all the added connections.

Ryan

8295. Re: AT-200 pro II static

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-05-12 01:04:19 UTC
From: Mike Lichtman
Topic: 8288 Message: 8295

Ryan,
There are many circuits on the internet to filter out the broadcast band that use 2 or 3 parts. Just do a search. You could probably build one for less than $10 to $15. 73 Mike KF6KXG
f

8296. Re: AT-200 pro II static

Yahoo group: LDG-auto-tuners (2010 — 2017)
Date: 2017-05-12 17:05:47 UTC
From: R.S.
Topic: 8288 Message: 8296

Thanks for the info Mike. Going to check that out.
73,Ryan W6ZAR

Sent from Yahoo Mail on Android